THE CITY RECORD.

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THE CITY RECORD.

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DAVID FERGUSON, SUPERVISOR.

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PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.
Calendar for the Week Commencing August 18, 1913.

Tuesday, August 19, 1913—10.30 a. m.—Committee Room—Meeting of Committee of the Whole. 11.30 a. m.—Room 305—Case No. 1717—Astoria Light, Heat and Power Company—"Application for approval of issue of $5,000,000 bonds and $9,500,000 capital stock"—Commissioner Williams. 11.30 a. m.—Room 305—Case No. 1718—New York Edison Company—"Application for approval of issue of $15,800,000 capital stock"—Commissioner Williams. 12.15 p. m.—Room 310—Regular meeting of the Commission. 12.15 p. m.—Room 305—Astoria, Woodside and Corona Rapid Transit Railroad—"Opening of bids for construction of Section 1 of Routes 36 and 37"—Whole Commission. 12.15 p. m.—Room 305—Seventh Avenue-Lexington Avenue Rapid Transit Railroad—"Proposed terms of contract for construction of Section No. 1A of Routes 19 and 22, The Bronx"—Whole Commission. 12.15 p. m.—Room 305—Seventh Avenue-Lexington Avenue Rapid Transit Railroad—"Proposed terms of contract for construction of Section No. 2 of Routes 19 and 22, The Bronx"—Whole Commission. 12.15 p. m.—Room 305—White Plains Road Rapid Transit Railroad—"Proposed terms of contract for construction of Sections 1 and 2 of Route 18, The Bronx"—Whole Commission. 1 p. m.—Room 305—Case No. 1650—Manhattan and Queens Traction Corporation—"Application for approval of issue of $1,500,000 stock and $1,500,000 bonds"—Commissioner Williams.

Board of City Record.

Abstract of transactions for the week ending August 9, 1913 (in accordance with section 1546, Greater New York Charter).

Statement of Moneys Received—Subscriptions to the CITY RECORD, $158.10; cash sales of CITY RECORD, $100.15; total, $258.25.

Requisitions Drawn on Comptroller—Contracts, $11,123.25; open market orders, $19,752.73; total, $30,875.98.

Open Market Orders Issued After Competitive Bidding.

Name of Lowest Bidder.	Number of Orders.	Printing.	Stationery.	Books.	Total.
The Brooklyn Daily Eagle ...	4	$57 70	$16 14	.....	$73 84
M. B. Brown Ptg. & Bdg. Co.	12	398 02	.....	$80 00	478 02
J. Cassidy Co.....	1	17 50	.....	.....	17 50
P. J. Collison & Co.....	3	80 04	.....	.....	80 04
Jordan S. & P. Co.....	4	.....	115 42	.....	115 42
Library Bureau	2	6 83	3 50	.....	10 33
J. J. Little & Ives Co.....	1	323 25	.....	.....	323 25
C. S. Nathan	5	57 50	44 95	.....	102 45
The J. W. Pratt Co.....	3	.....	45 10	.....	45 10
	35	$940 84	$225 11	$80 00	$1,245 95

DAVID FERGUSON, Supervisor of the City Record.

Borough of Richmond.

Report of transactions for the week ending July 19, 1913:

Public Moneys Received During Week Ending July 16, 1913.

Restoring and Repaving—Special Fund (fees), $266 65; Sewer inspection and repair, special fund (fees), $33; special security deposits (materials on streets, etc.), $45; contract security deposits (with bids or estimates), $10,710; total, $11,054 65.

Permits Issued, Week Ending July 16, 1913.

Permits to open street pavement for all purposes, 53; permits to place building materials on streets, 5; permits, special and miscellaneous, 43; total, 101.

Requisitions Drawn on Comptroller.

Payroll vouchers, $10,592 96; contract vouchers, $37,463 45; total, $48,056 41.

Contracts Awarded.

Street Cleaning—Construction of brick cottage at the Clifton Destructor property, July 16, 1913, $5,679.50; Concord Construction Co., Covert ave. and Harmon st., Brooklyn, N. Y.

Engineering, Construction — Regulating and grading Palmer ave., from Madison to Richmond aves., July 16, 1913, $10,704; John E. Donovan, Port Richmond, S. I.

Engineering, Construction — Regulating and repaving Manor road, from Cherry lane to Richmond turnpike, July 16, 1913, $83,033; Joseph Johnson's Sons, West New Brighton, S. I.

Statement of Laboring Force Employed.
(Eight Hours Constitute One Working Day.)

	Bureau of Highways.		Bureau of Sewers.		Bureau of Street Cleaning.		Bureau of Public Buildings and Offices.		Bureau of Engineering		Total.	
	No.	Days.	No.	Days.	No.	Days.	No.	Days.	No.	Days.	No.	Days.
Foremen	33	184	7	49	10	70	3	18	12	66½	65	387½
Assistant Foremen ...	1	5½	..	..	1	7	..	..	..	..	2	12½
Laborers	143	807½	12	67	41	280⅜	16	99	24	144	236	1,397⅞
Carts	18	97¼	2	11	..	..	..	..	..	..	20	108¼
Carts (Hired)	..	..	..	..	8	48	..	..	..	..	8	48
Sprinkling Carts	16	58	..	..	..	..	..	..	..	..	16	58
Teams	48	240	..	..	..	..	..	..	..	..	48	240
Drivers	1	5½	6	33¼	46	318	1	6	5	30	59	392¾
Sweepers	..	..	..	..	94	653⅜	..	..	..	..	94	653⅜
Hostlers	..	..	..	..	13	89	..	..	..	..	13	89
Steam Roller Enginemen	5	27½	..	..	..	..	..	..	..	..	5	27½
Auto Enginemen	..	..	1	7	..	..	..	..	2	14	3	21
Sewer Cleaners	..	..	33	179¼	..	..	..	..	..	..	33	179¼
Janitors	..	..	..	..	..	..	4	28	..	..	4	28
Janitress	..	..	..	..	..	..	1	7	..	..	1	7
Female Cleaners	..	..	..	..	..	..	6	42	..	..	6	42
Mechanics	..	..	..	..	1	7	3	18	..	..	4	25
Stationary Enginemen.	..	..	..	..	2	14	2	14	..	..	4	28
Stokers	..	..	..	..	2	14	4	28	..	..	6	42
Elevatormen	..	..	..	..	..	..	2	14	..	..	2	14
Total	265	1,425¼	61	346½	218	1,500¾	42	274	43	254½	629	3,801

Appointments, Removals, etc.

W. S. Cooper, New Dorp, hired cart, $3.50; appointed July 11. C. McCarthy, West New Brighton, Stoker, $3, leave of absence, 2 weeks, July 21.

Work Done.

Bureau of Highways—Repairing and maintaining roadways, curbs, gutters, bridges, crosswalks, culverts, ditches, etc.

Bureau of Sewers—Cleaning, examining and repairing sewers, basins, manholes, flush tanks, culverts, drains, etc., and miscellaneous work.

Bureau of Street Cleaning — Street sweeping, refuse collection, final disposition, clearing gutters, light macadam repairs, weeding gutters and miscellaneous.

Bureau of Public Buildings and Offices—Care and maintenance of Borough Hall, Village Halls at New Brighton and Stapleton, County Court House and Jail, County Clerk's office, Coroner's office, Special Sessions Court room and public offices in Borough of Richmond.

Engineering, Construction — Surveys, plans, design and construction of sewers, highways, curbs, gutters, sidewalks, etc.

Engineering, Topographical — Topographical survey and map of the Borough; miscellaneous surveying, maps, etc.

LOUIS L. TRIBUS, Acting Commissioner of Public Works.

Bureau of Buildings.

August 5, 1913—I herewith submit a report of the operations of the Bureau of Buildings, Borough of Richmond, for the week ending August 2, 1913:

Plans filed for new buildings, 16 (estimated cost, $23,340); plans filed for alterations, 11 (estimated cost, $9,785); plans filed for plumbing, 12 (estimated cost, $3,232); new buildings, estimated, 8; alterations, estimated, 4; construction inspections made, 367; iron and steel inspections made, 5; plumbing and drainage inspections made, 113; violations of law reported, 4; violation notices issued, 2; unsafe buildings, reported, 2; unsafe building notices issued, 1; demolition permits granted, 1; moving permits granted, 1; modifications of the law allowed as regards concrete footings under foundations, 5.

JOHN SEATON, Superintendent of Buildings, Borough of Richmond.

Department of Water Supply, Gas and Electricity.

The Department of Water Supply, Gas and Electricity makes the following report of its transactions for the week ending July 12, 1913:

Statement of collections, Bureau of Water Register, all boroughs, $89,152.94.

Changes in the Working Force.

Manhattan.

Appointed—Francis Clark, 126 Nostrand ave., Brooklyn, Temporary Clerk, at $300 per annum; Bennett Rose, 1628 59th st., Brooklyn, Temporary Clerk, at $300 per annum; Joseph R. McClernon, 109 Bush st., Brooklyn, Temporary Clerk, at $300 per annum; Matthew G. Wade, 411 Amsterdam ave., Automobile Engineman, at $1,200 per annum; three Laborers at $2.50 per day; five Laborers at $2.50 per day (Westchester County).

Increased—James Arata, Inspector of Lamps and Gas, $1,350 to $1,500 per annum; Albert R. Brown, Inspector of Lamps and Gas, $1,200 to $1,350 per annum; Melville Murnane, Clerk, $300 to $540 per annum.

Change of Title—One Stoker to Oiler.

Resigned—William T. Blackwell, Inspector of Lamps and Lighting.

The Bronx.

Appointed—One Temporary Stenographer and Typewriter at $3 per day.

Brooklyn.

Appointed—Kathryn Chertizza, Whitestone, Long Island, Stenographer and Typewriter, at $900 per annum; one Temporary Stenographer and Typewriter at $3 per day; eight Temporary Laborers at $2.50 per day.

Increased—George M. Price, Clerk, $900 to $1,200 per annum; Michael B. Ryan, Clerk, $1,050 to $1,200 per annum; Cornelius M. Hosey, Clerk, $1,050 to $1,200 per annum; Joseph W. Flanagan, $900 to $1,050 per annum; Harry J. Hefter, $600 to $900 per annum.

Removed—One Coal Passer.

Deceased—One Laborer; Jeremiah J. Keeley, Rodman.

Queens.

Appointed—Four Temporary Laborers at $2.50 per day.

Transferred to Fire Department—One Licensed Fireman.

Increased—Jacob Cohen, Clerk, $600 to $900 per annum.

Richmond.

Appointed—One Temporary Laborer at $2.50 per day.

J. W. F. BENNETT, Deputy Commissioner.

Borough of The Bronx.

In accordance with the provisions of section 1546, chapter 378, Laws of 1897, as amended by chapter 466, Laws of 1901, section 383, I transmit the following report of the transactions of this office for the week ending August 6, 1913, exclusive of Bureau of Buildings:

Permits Issued—Sewer connections and repairs, 43; water connections and repairs, 27; laying gas mains and repairs, 40; placing building material on public highway, 6; crossing sidewalk with team, 5; constructing vaults, 1; miscellaneous, 47; total, 169.

Money Received and Deposited with City Chamberlain—Permits for sewer connections, $185; permits for restoring and repaving streets, $427.75; permits for constructing vaults, $365.07; redemption of seized encumbrances, $1.98; sales, $11.55; total, $991.35.

Security deposits received on account of permits and transmitted to Comptroller, $207.

Laboring Force Employed During the Week Ending August 2, 1913—Bureau of Highways: Foremen, 34; teams, 76; carts, 3; Mechanics, 56; Laborers, 408; Drivers, 7; total, 584. Bureau of Sewers: Foremen, 11; Assistant Foremen, 4; carts, 27; Mechanics, 5; Laborers, 68; Drivers, 3; total, 118. Bureau of Public Buildings and Offices: Foreman, 1; Assistant Foreman, 1; Mechanics, 8; Laborers, 20; Cleaners, 38; Watchmen, 5; Attendants, 12; total, 85. Topographical Bureau: Laborers, 5; Driver, 1; total, 6.

Contracts Entered Into—Sewer, etc., St. Lawrence ave., from Gleason ave. to summit south; contractor, Daniel J. Donelin, 147 E. 125th st.; surety, National Surety Co.; $1,413.25. Sewers, etc., E. 146th st., between Brook ave. and St. Anns ave.; contractor, P. J. Kane, 735 E. 150th st.; surety, National Surety Co.; $12,498.

CYRUS C. MILLER, President.

BOARD OF ESTIMATE AND APPORTIONMENT

Minutes of Meeting of Board of Estimate and Apportionment, held in Room 16, City Hall, Thursday, July 31, 1913.

The Board met in pursuance of an adjournment.

Present—William J. Gaynor, Mayor; William A. Prendergast, Comptroller; Ardolph L. Kline, Acting President, Board of Aldermen; George McAneny, President, Borough of Manhattan; Lewis H. Pounds, President, Borough of Brooklyn; Cyrus C. Miller, President, Borough of The Bronx; Maurice E. Connolly, President, Borough of Queens; and George Cromwell, President, Borough of Richmond.

The Mayor, Hon. William J. Gaynor, presided.

The minutes of the meetings held July 3 and July 10, 1913, were approved as printed in the CITY RECORD July 18 and July 25, 1913, respectively.

PUBLIC IMPROVEMENT MATTERS.

Engineer's Financial Statement and Report for Quarter Ending June 30, 1913 (Cal. No. 1).

The following financial statement and report of the Chief Engineer for the quarter ending June 30, 1913, was ordered printed in the minutes and placed on file:

Financial Statement No. C-72, and Report for Quarter Ending June 30, 1913.

July 28, 1913.

Hon. WILLIAM J. GAYNOR, Mayor, Chairman of the Board of Estimate and Apportionment:

Sir—I beg to submit the following tabular statement, showing the estimated cost of local improvements and the number of opening proceedings for each Borough, and total for all Boroughs, authorized by the Board of Estimate and Apportionment since January 1, 1912:

Surface and Subsurface Improvements Authorized in 1912 and 1913.

Borough.	Surface Improvements.				Sewer Improvements.			
	Total, 1912.		1913 to Date.		Total, 1912.		1913 to Date.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
Manhattan	14	$172,600 00	18	$301,600 00	10	$46,800 00	10	$78,600 00
Brooklyn	235	1,456,100 00	203	1,589,200 00	133	2,272,300 00	79	1,937,500 00
The Bronx	66	1,242,900 00	52	941,700 00	18	965,700 00	22	472,600 00
Queens	39	1,844,220 00	45	593,400 00	38	1,210,400 00	48	1,853,700 00
Richmond	9	21,300 00	4	38,200 00	9	168,200 00	10	54,900 00
Total	363	$4,737,120 00	322	$3,464,100 00	208	$4,663,400 00	169	$4,397,300 00

Total Physical Improvements and Street and Park Opening Proceedings Authorized in 1912 and 1913.

Borough.	Physical Improvements.				Street and Park Opening Proceedings.			
	Total, 1912.		1913 to Date.		Total, 1912.		1913 to Date.	
	No.	Amount.	No.	Amount.	Number of Streets and Parks Affected.	Number of Proceedings.	Number of Streets and Parks Affected.	Number of Proceedings.
Manhattan	24	$219,400 00	28	$380,200 00	2	2	5	4
Brooklyn	368	3,728,400 00	282	3,526,700 00	62	31	26	16
The Bronx	84	2,208,600 00	74	1,414,300 00	38	26	21	15
Queens	77	3,054,620 00	93	2,447,100 00	49	28	21	18
Richmond	18	189,500 00	14	93,100 00	..	..	1	1
Total	571	$9,400,520 00	491	$7,861,400 00	151	87	74	54

The number and estimated cost of additional improvements for which preliminary authorization only has been given are as follows:

Borough.	Surface Improvements.		Sewer Improvements.		Total.	
	No.	Amount.	No.	Amount.	No.	Amount.
Manhattan	6	$241,700 00	5	$154,000 00	11	$395,700 00
Brooklyn	45	367,800 00	*47	2,357,300 00	*92	2,725,100 00
The Bronx	7	297,000 00	9	2,266,200 00	16	2,563,200 00
Queens	30	499,600 00	36	709,800 00	66	1,209,400 00
Richmond	7	22,500 00	2	4,500 00	9	27,000 00
Total	95	$1,428,600 00	*99	$5,491,800 00	*194	$6,920,400 00

*Includes one improvement for which partial final authorization has been given.

A comparison of the estimated value of improvements for which final authorization has been given since January 1, 1913, and of all outstanding preliminary authorizations, with the value of the assessment lists relating to authorizations since January 1, 1902, returned in 1913, up to and including July 22, shows as follows:

Borough.	Amount for Which Final Authorization Has Been Given in 1913, Plus Outstanding Preliminary Authorizations.	Assessment Lists Returned.
Manhattan	$775,900 00	$382,527 77
Brooklyn	6,251,800 00	1,074,145 93
The Bronx	3,977,500 00	680,108 43
Queens	3,656,500 00	703,542 52
Richmond	120,100 00	204,704 14
Total	$14,781,800 00	$3,045,028 79

A comparison of the value of the local improvements authorized during the second quarter of 1913 with the value of the assessment lists returned to the Board of Assessors, and with the collections made during the quarter credited to the Street Improvement Fund as created on January 1, 1898, shows as follows:

Borough.	Value of Improvements Authorized.	Value of Improvements Returned to Board of of Assessors.	Assessments Collected to the Credit of the Street Improvement Fund as Created on January 1, 1898.		
			Assessments Collected.	Interest.	Total.
Manhattan	$204,900 00	$27,685 55	$85,886 25	$6,089 95	$91,976 20
Brooklyn	1,938,900 00	742,991 26	367,425 15	52,761 73	420,186 88
The Bronx	420,800 00	366,911 08	674,238 01	40,142 96	714,380 97
Queens	753,900 00	135,071 15	170,632 82	14,754 50	185,387 32
Richmond	74,100 00	204,704 14	34,912 00	4,993 67	39,905 67
Total	$3,392,600 00	$1,477,363 18	$1,333,094 23	$118,742 81	$1,451,837 04

The Borough Presidents' quarterly reports indicate that during the three months ending June 30, 1913, contracts were made under authority of Local Board resolutions, without action by the Board of Estimate and Apportionment, pursuant to the provisions of section 435 of the Charter, of the following amounts:

Borough.	Number.	Amount.
Manhattan	3	$1,211 40
Brooklyn	8	5,015 60
The Bronx	1	390 00
Queens	1	289 00
Richmond	1	1,744 50
Total	14	$8,650 50

The following tables showing progress made up to June 30, 1913, in carrying out improvements, have been compiled partly from the records of the Board of Estimate and Apportionment, partly from data supplied by the Borough Presidents, and partly from the results of an examination of the books of the Board of Assessors. The figures given for the estimated cost of work under contract, but not yet completed, are those reported by the Borough Presidents in conformity with the resolution adopted by the Board on February 25, 1910.

In the summary showing the value of improvements which have been delayed in completion more than a year beyond the contract time limit it has been assumed that the calendar year consisted of two hundred days.

Improvements Authorized Subsequent to January 1, 1902, Which Were Reported to the Board of Assessors Prior to June 30, 1913.

Borough.	Prior to March 31, 1913.	March 31, 1913, to June 30, 1913.	Total.
Manhattan	$5,309,700 94	$27,685 55	$5,337,386 49
Brooklyn	18,656,093 97	742,991 26	19,399,085 23
The Bronx	18,071,910 08	366,911 08	18,438,821 16
Queens	6,283,372 04	135,071 15	6,418,443 19
Richmond	2,437,110 07	204,704 14	2,641,814 21
Total	$50,758,187 10	$1,477,363 18	$52,235,550 28

Improvements Authorized Subsequent to January 1, 1902, and Which, Up to June 30, 1913, Had Not Been Reported to the Board of Assessors.

Borough.	Complete But Not Yet Reported.	Not Contracted for up to June 30, 1913.	Under Contract But Not Complete.	Total.
Manhattan	$50,646 68	$183,100 00	$191,696 12	$425,442 80
Brooklyn	619,641 05	654,500 00	4,346,115 40	5,620,256 45
The Bronx	848,816 98	882,000 00	4,136,840 48	5,867,657 46
Queens	365,489 31	510,100 00	2,822,430 93	3,698,020 24
Richmond	161,701 79	63,400 00	21,514 88	246,616 67
Total	$2,046,295 81	$2,293,100 00	$11,518,597 81	$15,857,993 62

Amounts Advanced on Improvements Under Contract at the Close of the Quarters Ending March 31, 1913, and June 30, 1913.

Borough.	March 31, 1913.	June 30, 1913.
Manhattan	$107,859 51	$104,229 55
Brooklyn	554,709 48	492,493 13
The Bronx	1,711,608 32	1,754,359 79
Queens	1,078,106 92	1,405,599 11
Richmond	119,940 92	5,555 00
Total	$3,572,225 15	$3,762,236 58

Number and Value of Improvements in Each Borough Which Are Under Contract But Not Yet Complete, and for Each of Which More Than a Year Has Elapsed Over and Above the Time Stipulated in the Contract Since the Order Was Given for the Commencement of Work.

Borough.	No. of Improvements.	Amount of Bid.	Amount Earned.
Manhattan	..	.....	.....
Brooklyn	1	$9,767 60	$2,030 00
The Bronx	3	120,878 50	95,542 50
Queens	2	8,475 50	4,402 65
Richmond	..	.....	.....
Total	6	$139,121 60	$101,975 15

Number and Value of Local Improvements Which Have been Completed and Accepted by the Borough Presidents, But for Which the Assessment Lists Have Not Been Forwarded to the Board of Assessors Up to June 30, 1913, and the Year of Completion.

Borough.	Year. Completed.	Number.		Actual Value.	Total.
Manhattan	1913	5		$50,646 68	
			5		$50,646 68
Brooklyn	1906	1		$4,516 91	
	1911	4		50,258 77	
	1912	8		54,407 17	
	1913	73		510,458 20	
			86		619,641 05
The Bronx	1911	1		$89,354 06	
	1912	5		71,157 90	
	1913	30		688,305 02	
			36		848,816 98
Queens	1900	1		$10,359 56	
	1912	17		163,834 55	
	1913	27		191,613 10	
			45		365,807 21
Richmond	1912	1		$1,297 08	
	1913	4		160,404 71	
			5		161,701 79
Entire City	1900	1		$10,359 56	
	1906	1		4,516 91	
	1911	5		139,612 83	
	1912	31		290,696 70	
	1913	139		1,601,427 71	
			177		$2,046,613 71

Comparing the progress report now made with the one submitted at the end of the preceding quarter, it appears that the following changes have occurred, the sign + being used to indicate that the item involved is increased to the extent noted, while — shows a corresponding decrease.

Improvements Authorized Subsequent to January 1, 1902, and Not Yet Reported to the Board of Assessors.

Borough.	Completed but Not Yet Reported.	Not Contracted For.	Under Contract but Not Yet Complete.	Total.
Manhattan	+ $42,330 48	+$167,400 00	— $31,212 79	+ $178,517 69
Brooklyn	+ 101,930 58	— 751,000 00	+ 939,613 85	+ 290,544 43
The Bronx	— 125,239 10	+ 80,800 00	+ 139,051 30	+ 94,612 20
Queens	+ 30,497 47	+ 136,000 00	+ 426,309 38	+ 592,806 85
Richmond	— 25,503 77	+ 47,300 00	— 131,200 57	— 109,404 34
Total	+ $24,015 66	—$319,500 00	+$1,342,561 17	+$1,047,076 83

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Laying Out Tibbett Avenue, from West 246th Street to West 252d Street; by Changing the Lines of West 246th Street, between Tibbett Avenue and the Post Road; by Changing the Lines and Grades of West 250th Street, between Tibbett Avenue and the Post Road; and by Discontinuing Cayuga Avenue, from West 246th Street to West 250th Street, Borough of The Bronx (Cal. No. 2).

The Secretary presented affidavit of publication showing that the matter had been duly advertised.

No one appearing in favor of, or in opposition to the proposed change, the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 10th day of July, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to lay out the lines and grades of Tibbett avenue between West 246th street and West 252d street; change the lines of West 246th street between Tibbett avenue and the Post road; change the lines and grades of West 250th street between Tibbett avenue and the Post road; and close and discontinue Cayuga avenue between West 246th street and West 250th street, in the Borough of The Bronx, City of New York, and appointing a hearing at a meeting of this Board to be held on the 31st day of July, 1913, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered, to be published in the CITY RECORD for ten days prior to the 31st day of July, 1913; and

Whereas, It appears from the affidavit of the Supervisor of the City Record that the aforesaid resolution and notice have been published in the CITY RECORD for ten days prior to the 31st day of July, 1913; and

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now, therefore, be it

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest to change the map or plan of The City of New York by laying out the lines and grades of Tibbett avenue between West 246th street and West 252d street; changing the lines of West 246th street between Tibbett avenue and the Post road; changing the lines and grades of West 250th street between Tibbett avenue and the Post road; and closing and discontinuing Cayuga avenue between West 246th street and West 250th street, in the Borough of The Bronx, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the President of the Borough, and dated July 2, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Changing the Map or Plan of The City of New York by Widening Fulton Street, from the Flatbush Avenue Extension to Ashland Place; and Ashland Place, from Fulton Street to a Point About 91 Feet North of Lafayette Avenue, Borough of Brooklyn (Cal. No. 3).

(At the meeting of the Board on June 12, 1913, this matter was referred to the Transit Conference Committee for conference with the Public Service Commission.)

(After a public hearing on July 10, 1913, the matter was laid over until July 31, 1913.)

On motion of the President of the Borough of Manhattan the matter was laid over until September 18, 1913.

Laying Out and Acquiring Title to a Playground to Comprise the Block Bounded by Hopkinson Avenue, Blake Avenue, Bristol Street and Dumont Avenue, and the three Blocks Bounded by Dumont Avenue, Hopkinson Avenue, Livonia Avenue and Douglass Street, Borough of Brooklyn (Cal. No. 4).

(At the close of the public hearing on June 26, 1913, this matter was laid over until July 3, and on the latter date it was laid over until July 31.)

The Secretary presented the following:

Communication from Dr. Samuel Hurwitz, Chairman of an open air mass meeting, held on June 28, 1913, transmitting resolution, adopted at said meeting, urging the establishment of the proposed playground.

Communication from Louis Cohen, Secretary of the United Brotherhood of Tailors, advising that his organization is heartily in favor of the proposed playground, and urging favorable action.

Communication from Isaac Rabinowitz, Secretary of the Brotherhood of Painters, Decorators and Paper Hangers of America, Local Union 992, transmitting resolution, adopted by the said organization, requesting that the plan for the proposed playground be adopted.

Communication from L. Brook, Chairman of the Joint Board of the Cloak and Skirt Makers Unions of New York, transmitting resolution, adopted by said organization requesting that the plan for the proposed playground be adopted.

Resolution, adopted by McKinley Lodge 396, Knights of Pythias, requesting the adoption of the plan for the proposed playground.

Protests from John F. Becker, Treasurer of Wm. Ulmer Brewery, and from a number of others, against the levying of an assessment for the improvement.

Hon. James F. Martyn and Mr. Adolph Kiendel appeared in opposition to the proposed playground.

The following was offered:

Whereas, At a meeting of this Board, held on the 29th day of May, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to lay out a public playground bounded by Douglass street, Dumont avenue, Hopkinson avenue, Blake avenue, Bristol street, Dumont avenue, Hopkinson avenue and Livonia avenue; discontinue Ames street from Dumont avenue to Livonia avenue; and discontinue Amboy street from Dumont avenue to Livonia avenue in the Borough of Brooklyn, City of New York, and appointing a hearing at a meeting of this Board to be held on the 26th day of June, 1913, at 10.30 o'clock a. m., at which meeting such proposed action would be considered by this Board, and requesting a notice to all persons affected thereby, of the aforesaid time and place at which such proposed action would be considered to be published in the CITY RECORD and in the corporation newspapers for ten days prior to the 26th day of June, 1913; and

Whereas, It appears from the affidavits of the Supervisor of the City Record and the publishers of the corporation newspapers, that the aforesaid resolution and notice have been published in the CITY RECORD and in the corporation newspapers for ten days prior to the 26th day of June, 1913; and

Whereas, All persons interested in such proposed change were afforded an opportunity to be heard thereon, and such proposed change was duly considered by this Board; now, therefore, be it

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest to change the map or plan of The City of New York by laying out a public playground bounded by Douglass street, Dumont avenue, Hopkinson avenue, Blake avenue, Bristol street, Dumont avenue, Hopkinson avenue and Livonia avenue; discontinuing Ames street from Dumont avenue to Livonia avenue; and discontinuing Amboy street from Dumont avenue to Livonia avenue in the Borough of Brooklyn, City of New York, does hereby favor the same so as to make the aforesaid change in accordance with a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated May 1, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

(His Honor the Mayor then approved the foregoing resolution.)

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of Section 970 of the Greater New York Charter, as amended, deems it for the public interest that the title, for the uses and to the extent thereof as herein mentioned, to the lands and premises required for the opening and extending of the Public Playground within the area bounded by Douglass street, Dumont avenue, Hopkinson avenue, Blake avenue, Bristol street, Dumont avenue, Hopkinson avenue and Livonia avenue, in the Borough of Brooklyn, City of New York, should be acquired by the City of New York.

Resolved, That the title to be so acquired is hereby determined to be a title in fee in such premises.

Resolved, That the Board of Estimate and Apportionment, deeming it for the public interest so to do, hereby requests the Corporation Counsel to make application to a Special Term of the Supreme Court, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment, and to take the necessary proceedings, in the name of The City of New York, to acquire title as herein determined, wherever the same has not heretofore been acquired, for the use of the public for the same purpose, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending the Public Playground within the area bounded by Douglass street, Dumont avenue, Hopkinson avenue, Blake avenue, Bristol street, Dumont avenue, Hopkinson avenue and Livonia avenue in the Borough of Brooklyn, City of New York upon the receipt by him of a rule map, damage map and profile, certified as having been approved by this Board.

Resolved, That no portion of the cost and expense of said proceedings, incurred by reason of the provisions of Title 4, Chapter 17, of the Greater New York Charter, as amended, shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the expense of the Bureau of Street Openings, the cost and expense incurred by the President of the Borough of Brooklyn, in the preparation of rule, damage, benefit and profile maps, for the use thereof; and of the awards, if any, for damages caused by intended regulation and all other expenses and disbursements authorized by Section 997 of said title, as amended, shall be assessed upon the property deemed to be benefited thereby; and

Whereas, It appears from the affidavits of the Supervisor of The City Record and the publishers of the Corporation Newspapers that due notice was given therein that at the time of the adoption of the resolution directing the institution of proceedings herein to acquire title to the lands required for this improvement that the Board of Estimate and Apportionment would consider a proposed area of assessment as therein described and would give a public hearing thereon upon the 26th day of June, 1913; and

Whereas, At the aforesaid time and place a public hearing was given to all persons interested in such proposed area of assessment who appeared, and such proposed area of assessment was duly considered by this Board;

Resolved, That the area of assessment for benefit in these proceedings be and is hereby fixed and determined to be as follows:

Beginning at a point on a line midway between Utica avenue and Rochester avenue, where it is intersected by a line midway between Sterling place and St. Johns place, and running thence eastwardly along the said line midway between Sterling place and St. Johns place to the intersection with a line midway between Rochester avenue and Buffalo avenue; thence northwardly along the said line midway between Rochester avenue and Buffalo avenue to the intersection with a line midway between Prospect place and Park place; thence eastwardly along the said line midway between Prospect place and Park place to the intersection with a line midway between Buffalo avenue and Ralph avenue; thence northwardly along the said line midway between Buffalo avenue and Ralph avenue to the intersection with a line midway between Bergen street and St. Marks avenue; thence eastwardly along the said line midway between Bergen street and St. Marks avenue to the intersection with a line midway between Ralph avenue and Howard avenue; thence northwardly along the said line midway between Ralph avenue and Howard avenue to the intersection with a line midway between Pacific street and Dean street; thence eastwardly along the said line midway between Pacific street and Dean street to the intersection with a line midway between Howard avenue and Saratoga avenue; thence northwardly along the said line midway between Howard avenue and Saratoga avenue to the intersection with a line midway between Atlantic avenue and Herkimer street; thence eastwardly along the said line midway between Atlantic avenue and Herkimer street to the intersection with a line midway between Eastern parkway and Sackman street; thence southwardly along the said line midway between Eastern parkway and Sackman street, as these streets are laid out northerly from Atlantic avenue, and along the prolongation of the said line to the intersection with a line midway between Pacific street and Dean street; thence eastwardly along the said line midway between Pacific street and Dean street and along the prolongation of the said line to the intersection with the prolongation of a line midway between Powell street and Junius street; thence southwardly along the said line midway between Powell street and Junius street and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersections of the prolongations of the southerly line of East New York avenue and the northerly line of Liberty avenue, as these streets are laid out between Powell street and Junius street; thence eastwardly along the said bisecting line to the intersection with a line midway between Hinsdale street and Snediker avenue; thence southwardly along the said line midway between Hinsdale street and Snediker avenue to the intersection with a line midway between Liberty avenue and Glenmore avenue; thence eastwardly along the said line midway between Liberty avenue and Glenmore avenue to the intersection with a line midway between Williams avenue and Alabama avenue; thence southwardly along the said line midway between Williams avenue and Alabama avenue to the intersection with a line midway between Glenmore avenue and Pitkin avenue; thence eastwardly along the said line midway between Glenmore avenue and Pitkin avenue to the intersection with a line midway between Alabama avenue and Georgia avenue; thence southwardly along the said line midway between Alabama avenue and Georgia avenue to the intersection with a line midway between Pitkin avenue and Belmont avenue; thence eastwardly along the said line midway between Pitkin avenue and Belmont avenue to the intersection with a line midway between Georgia avenue and Sheffield avenue; thence southwardly along the said line midway between Georgia avenue and Sheffield avenue to the intersection with a line midway between New Lots avenue and Hegeman avenue; thence westwardly along the said line midway between New Lots avenue and Hegeman avenue, as these streets are laid out easterly from Malta street and along the prolongation of the said line to the intersection with a line midway between Hinsdale street and Williams avenue; thence southwardly along the said line midway between Hinsdale street and Williams avenue to the intersection with a line midway between Hegeman avenue and Vienna avenue; thence westwardly along the said line midway between Hegeman avenue and Vienna avenue to the intersection with a line midway between Snediker avenue and Van Sinderen avenue; thence southwardly along the said line midway between Snediker avenue and Van Sinderen avenue to the intersection with the prolongation of a line between Avenue D and Foster avenue; thence southwestwardly along the said line midway between Avenue D and Foster avenue and along the prolongation of the said line to the intersection with a line midway between East 95th street and East 96th street; thence northwestwardly along the said line midway between East 95th street and East 96th street to the intersection with the northerly property line of the Manhattan Beach Division of the Long Island Railroad; thence southwestwardly along the said property line to the intersection with a line midway between East 92d street and East 93d street; thence northwestwardly along the said line midway between East 92d street and East 93d street to the intersection with a line midway between Avenue B and Ditmas avenue; thence southwestwardly along the said line midway between Avenue B and Ditmas avenue to the intersection with a line midway between East 89th street and Remsen avenue; thence northwestwardly along the said line midway between East 89th street and Remsen avenue to the intersection with a line midway between Avenue A and Avenue B; thence southwestwardly along the said line midway between Avenue A and Avenue B to the intersection with a line midway between East 87th street and East 88th street; thence northwestwardly along the said line midway between East 87th street and East 88th street and along the prolongation of the said line to the intersection with the prolongation of a line midway between Snyder avenue and Tilden avenue; thence westwardly along the said line midway between Snyder avenue and Tilden avenue and along the prolongation of the said line to the intersection with a line midway between East 57th street and East 58th street; thence northwardly along the said line midway between East 57th street and East 58th street to the intersection with the prolongation of a line midway between Church avenue and Snyder avenue, as these streets are laid out between East 56th street and East 57th street; thence westwardly along the said line midway between Church avenue and Snyder avenue and along the prolongation of the said line to the intersection with a line midway between East 54th street and East 55th street; thence northwardly along the said line midway between East 54th street and East 55th street to the intersection with a line midway between Linden avenue and Church avenue, as these streets are laid out between East 54th street and East 55th street; thence westwardly along the said line midway between Linden avenue and Church avenue and along the prolongation of the said line to the intersection with a line midway between East 52d street and East 53d street; thence northwardly along the said line midway between East 52d street and East 53d street to the

intersection with a line midway between Lenox avenue and Linden avenue; thence westwardly along the said line midway between Lenox avenue and Linden avenue to the intersection with a line midway between Utica avenue and East 51st street; thence northwardly along the said line midway between Utica avenue and East 51st street to the intersection with a line midway between Winthrop street and Clarkson avenue; thence westwardly along the said line midway between Winthrop street and Clarkson avenue to the intersection with a line midway between Schenectady avenue and Utica avenue; thence northwardly and always midway between Schenectady avenue and Utica avenue to the intersection with a line midway between Union street and President street; thence eastwardly along the said line midway between Union street and President street to the intersection with a line midway between Utica avenue and Rochester avenue; thence northwardly along the said line midway between Utica avenue and Rochester avenue to the point or place of beginning.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Proposed Playground on Cortelyou Road, Between East 2d and East 3d Streets, Brooklyn (Cal. No. 5).

The Secretary presented the following communication and petition:

Law Office of Henry Ward Beer, 44 Court street, Brooklyn, N. Y., July 22, 1913.

Board of Estimate and Apportionment, 277 Broadway, New York City, N. Y.:

Gentlemen—For a long time the people of Kensington and Parkville have been trying to urge the public authorities of The City of New York to purchase a playground for their children, and the enclosed petition is an example of the sentiment which is now abroad.

The committee, of which I am chairman, very strongly urge the purchase of a site at this time, believing that when our subway is started the price of land for playground sites will be prohibitive.

The site we recommend is ideal for all purposes. It will be large enough for running tracks, modern play fields and a stadium. While we lay special stress on a particular site as an extension to Avenue C School, we will be satisfied with any other site, if we can get it as we want this one, that is, to be purchased out of the corporate stock Budget, and not to be a local assessment.

The committee feels that an investigation by your Board will result in your recommending a playground for "Young America of Kensington and Parkville."

Awaiting your reply and trusting that you will call upon our committee for any further information that you may need, I am, very truly yours,

HENRY WARD BEER, Chairman, Playground Committee of Public School 134, Brooklyn.

P. S.—The original petition is on file in the office of the Board of Education.

PETITION FOR PLAYGROUND.

To The Public Recreation Committee, The Board of Estimate and Apportionment, The President of the Borough of Brooklyn, The Local Board of Public Improvements and The Board of Education:

We, the undersigned, residents of the sections known as Kensington and Parkville, Borough of Brooklyn, City of New York, respectfully petition you for a children's playground to be located in this vicinity. These sections of the Borough are growing very rapidly. The playground is therefore a necessity and is an imperative need. We would respectfully submit for your consideration the site (600 by 200 feet) on Cortelyou road, between East 2d and East 3d streets, as being especially desirable, since it adjoins the site of the new school building on Avenue C. But would appreciate any other suitable locality that you may deem appropriate. The Kensington and Parkville Improvement League has recommended the above site.

HENRY WARD BEER, Chairman, 315 Ditmas avenue; Mrs. HUGO LEIPNIKER, 319 Ditmas avenue; Mr. HENRY C. MOORE, 1746 46th street; Playground Committee, Parents' League, Public School 134.

FRANCIS A. VINCENT, 162 Lawrence avenue, and others.

On motion, the matter was referred to the President of the Borough of Brooklyn.

Petition for Reduction in the Width of Lurting Avenue, Between West Farms Road and the Property of the New York, New Haven and Hartford Railroad Company, Borough of The Bronx (Cal. No. 6).

The Secretary presented the following report of the President of the Borough of The Bronx:

City of New York, President of the Borough of The Bronx, 3d avenue and 177th street, Office of the President, July 16, 1913.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment:*

Dear Sir—At the meeting of the Board of Estimate and Apportionment held on July 10, 1913, a communication addressed to the Board by several property owners requesting that the width of Lurting avenue, between West Farms road and the property of the New York, New Haven and Hartford Railroad be fixed at 50 feet was referred to the President of the Borough of The Bronx.

As a reason for the requested reduction in width, the petitioners state that the cost of condemnation will be so great that it will amount to confiscation to the owners of property in the immediate vicinity.

Lurting avenue was laid out on the final maps of The Bronx at a width of 60 feet and title proceedings are in progress. This street is in use at a width of 50 feet and is to be widened five feet on each side. The damage maps indicate that the widened street requires the taking of part of only one house situated at the northeast corner of Lurting avenue and West Farms road, and that the barn in the rear of this house projects four-tenths into the street. In all other cases, only steps, walls and hedges will be affected. The filed grade requires a fill varying from 0 at West Farms road to 3± at the railroad line, and the profile shows that an improved condition will result since fewer steps will be required at the entrances of the various premises. Provision has been made for a bridge to be erected by the railroad company across the New Haven railroad tracks within the limits of Lurting avenue. When this is built and the Morris Park property is developed, Lurting avenue will undoubtedly be called upon to care for a very considerable traffic.

I believe that the 60-foot width should be retained and I see no reason why the cost of condemnation should be so excessive. I would therefore recommend that the petition be denied. Yours truly,

CYRUS C. MILLER, President of the Borough of The Bronx.

On motion of the President of the Borough of The Bronx, the matter was referred back to him for further consideration.

Modifying the Line and Grade of Putnam Avenue West, Between West 233d Street and West 234th Street, Borough of The Bronx (Cal. No. 7).

The Secretary presented the following communication from the President of the Borough of The Bronx and report of the Chief Engineer:

City of New York, President of the Borough of The Bronx, Office of the President, May 15, 1913.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment:*

Dear Sir—Herewith is transmitted for consideration and adoption by the Board of Estimate and Apportionment a "Map showing the change of lines and grades of Putnam Avenue West, from West 233d Street to West 234th Street (Amendment of Section 21), dated May 14, 1913." Yours truly,

CYRUS C. MILLER, President of the Borough of The Bronx.

Report No. 12890. July 18, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on April 3, 1913, a communication was presented from the Vice-President of the New York Central and Hudson River Railroad requesting a change in the lines of Putnam avenue in the block between West 233d street and West 234th street by here giving the street a position 21 feet west of that heretofore planned, thereby clearing the way for four-tracking the Putnam Division of the railroad, and the matter was at that time referred to the President of the Borough of The Bronx.

With the accompanying communication from the Borough President, bearing date of May 15, 1913, there is submitted a plan showing the change desired by the Railroad Company, the effect of which will be to secure an alignment for Putnam avenue west in the section south of West 234th street coinciding with that heretofore fixed on the north. Provision is made in the plan for adjusting the grade of this street in such a way as to remove the drainage pocket shown on the previous plan, this being accomplished by the substitution of a summit about in the middle of the block.

I see no reason why the map should not be adopted, and would recommend such action after a public hearing. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the lines and grades of the street system within the territory bounded by Broadway, West 234th street, Bailey avenue and West 233d street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated May 14, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 25th day of September, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby, that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 25th day of September, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Closing and Discontinuing West 185th Street, from Davidson Avenue to Jerome Avenue, and East 185th Street, from Jerome Avenue to Walton Avenue, Borough of The Bronx (Cal. No. 8).

The Secretary presented the following communication from the Commissioner of Public Works, Borough of The Bronx, and report of the Chief Engineer:

City of New York, President of the Borough of The Bronx, Office of the Commissioner of Public Works, November 15, 1912.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, City:

Dear Sir—Section 16 of the final maps of the Borough of The Bronx shows 185th street laid out between Davidson avenue and Walton avenue. In view of the fact that the opening of this street would be very expensive, owing to a large brick building having been erected within its lines, it would seem desirable that this street be taken off the map. Accordingly, I am forwarding herewith for consideration and adoption by your Board "Map showing the discontinuing of West 185th street, from Davidson avenue to Jerome avenue, and of East 185th street, from Jerome avenue to Walton avenue (amendment to section 16), dated November 12, 1912."

Respectfully, THOMAS W. WHITTLE, Commissioner.

Report No. 12868. July 12, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the Commissioner of Public Works, Borough of The Bronx, bearing date of November 15, 1912, requesting the approval of a map showing the proposed discontinuance of West 185th street from Davidson avenue to Jerome avenue, and of East 185th street from Jerome avenue to Walton avenue.

These streets, comprising a total length of two short blocks, were placed upon the City Plan under a resolution adopted on January 12, 1906, at which time it was pointed out that they subdivided transversely two blocks which were originally laid out with lengths ranging from about 660 feet to about 820 feet, and that there did not appear to be any justification for them other than to conform with the subdivision of property in the vicinity. It was also noted that two or three frame buildings encroached upon their lines. Since this date building operations have been continued and all of the land within the street lines at the Walton avenue frontage is now occupied by brick buildings. Under these conditions it would appear that the acquisition of title to the streets would involve an expense greatly beyond any possible benefit, and for this reason their discontinuance is proposed.

In my judgment the plan submitted is a proper one, and its approval is recommended after a public hearing.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by closing and discontinuing West 185th street, from Davidson avenue to Jerome avenue, and by closing and discontinuing East 185th street, from Jerome avenue to Walton avenue, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated November 12, 1912.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 25th day of September, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby, that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 25th day of September, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Laying out Campion Street, from Jamaica Avenue to Archer Street; Archer Street, from Campion Street to Sutphin Road, and Sutphin Road, from Archer Street to Rockaway Boulevard, Borough of Queens (Cal. No. 9).

The Secretary presented the following communication from the Secretary to the President of the Borough of Queens, and report of the Chief Engineer:

The City of New York, Office of the President of the Borough of Queens, Long Island City, June 25, 1913.

JOSEPH HAAG, *Esq., Secretary of the Board of Estimate and Apportionment:*

Dear Sir—By direction of President Connolly, I transmit herewith for the approval of the Board of Estimate and Apportionment "Map establishing the lines and grades of Campion street, from Jamaica avenue to Archer street; Archer street, from Campion street to Sutphin road, and Sutphin road, from Archer street to Rockaway boulevard, in the 4th Ward. Dated New York, June 18, 1913."

The purpose of this map is to lay down the lines of Campion street, Archer street and Sutphin road, portions of which streets are necessary for the construction of the Manhattan and Jamaica Railroad. Yours respectfully,

HUGH HALL, Secretary to the President.

Report No. 12901. July 19, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens, bearing date of June 25, 1913, requesting the approval of a map showing the lines and grades proposed for the following streets: Campion street, from Jamaica avenue to Archer street; Archer street, from Campion street to Sutphin road; Sutphin road, from Archer street to Rockaway Boulevard.

Archer street and a portion of Sutphin road were shown upon the tentative map adopted on May 18, 1911, which was used as the basis for the agreement with the Long Island Railroad Company relative to the elimination of grade crossings at Jamaica, while all the streets are shown upon the tentative plan for the Jamaica section of the Borough which was adopted on January 11, 1912.

The map now submitted ratifies the previous plans excepting that provision is made for increasing the width of Campion street from 55 feet to 60 feet, and for changing the grade of Archer street. The former change is in line with the declared policy of the Board relative to minimum street widths, while the latter change appears to have already been agreed upon between the Borough authorities and the Long

Island Railroad Company and has been used as the basis for the improvement of this street now in progress. The approval of the plan is desired at this time in order to clear the way for opening proceedings which are required prior to the construction of a surface railroad under the franchise granted to the Manhattan and Queens Traction Company, the original franchise for which contemplated a single track through a portion of Campion street and in Archer street, but which was later amended in such a way as to provide a single track road through the entire length of Campion street and a double track road in Archer street. The latter street is to have a width of only 50 feet in the three blocks between Campion street and Middletown street, while in the easterly and adjoining block it is to be 100 feet wide, here serving as frontage for the new Jamaica station of the Long Island Railroad. It is assumed that the retention of this narrow width west of Middletown street is based on the omission of the sidewalk on the southerly side of the street which here adjoins railroad property.

Sutphin road having a width of 100 feet, will include within its lines portions of Guilford street, Jay street and Rockaway Turnpike, and will serve as an important north and south artery of traffic.

In my judgment the plan is a proper one, and its approval is recommended after a public hearing.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by laying out the lines and grades of Campion street, from Jamaica avenue to Archer street; of Archer street, from Campion street to Sutphin road, and of Sutphin road, from Archer street to Rockaway boulevard, in the 4th Ward, Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated June 18, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 25th day of September, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby, that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 25th day of September, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Modifying the Street Plan for the Territory Bounded by Wateredge Avenue, Burcker Street, Lawrence Street, Amity Street, Joe Place and Redwood Street; and Changing the Grade of Roosevelt Avenue, from Hewitt Avenue to Wateredge Avenue, and of Prime Street, from Gunther Street to Ferguson Street, Borough of Queens (Cal. No. 10).

The Secretary presented the following communication from the Secretary to the President of the Borough of Queens and report of the Chief Engineer:

The City of New York, Office of the President of the Borough of Queens, Long Island City, July 16, 1913.

JOSEPH HAAG, Esq., *Secretary of the Board of Estimate and Apportionment:*

Dear Sir—By direction of President Connolly I transmit herewith for the approval of the Board of Estimate and Apportionment "Map showing a change in the street system heretofore laid out within the territory bounded by Wateredge avenue, Burcker street, Lawrence street, Amity street, Joe place and Redwood street; also altering the grades of Roosevelt avenue, from Hewitt avenue to Wateredge avenue. Dated New York, July 1, 1913."

In connection with this map the Engineer in Charge of the Topographical Bureau, this Department, states: "The purpose of this map is to lay down the lines of Amity street, between Wateredge avenue and Lawrence street, at a width of 120 feet, which will give the required width necessary for the portal of the three-track subway of the 'Flushing route,' and for an adequate roadway and sidewalk on each side thereof, and also to raise the grade of Roosevelt avenue in order to permit the passing underneath of the Whitestone division of the Long Island Railroad. This map lays down the lines for a bridge crossing Flushing River at such a grade as to permit a clearance of 24 feet above mean high water."

The President desires me to request that you kindly place this matter on the next calendar of the Board of Estimate and Apportionment.

Yours respectfully, HUGH HALL, Secretary to the President.

Report No. 12957. July 26, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Queens, bearing date of July 16, 1913, requesting the approval of a map showing a change proposed in the street system within the territory bounded by Wateredge avenue, Burcker street, Lawrence street, Amity street, Joe place and Redwood street; together with a change in the grade of Roosevelt avenue from Hewitt avenue to Wateredge avenue, and of Prime street from Gunther street to Ferguson street.

These modifications are desired in order to clear the way for carrying out the Flushing extension of the subway. They include provision for increasing the width of Amity street in the section between Wateredge avenue and Lawrence street from 70 feet to 120 feet, with a change in the street grade designed to permit of passing from an elevated structure in the section west of DeLong avenue to a subway at and east of Lawrence street, the occupancy of a portion of the street by which structure requiring the increase in width now planned.

As heretofore adopted, the grade of Roosevelt avenue at its intersection with the Whitestone division of the Long Island Railroad approximately coincide with the elevation of the railroad. It is now proposed to raise the street grade as required in order to avoid a grade crossing, this treatment having been anticipated in the Subway extension plan, which provided for giving the Rapid Transit Railroad an elevation high enough to permit of adequate clearance between it and the street in the position now shown. It is proposed to fix the grade of this street at the Flushing River crossing at an elevation of 29.5 feet, this affording a clearance of 24 feet over the waterway.

The Prime street grade change is incidental to the one now proposed at Roosevelt avenue, while the remaining changes are required in order to meet the new elevations planned for Amity street. It is understood that the lines and grades now proposed for Amity street will result in damage to a few buildings, of which three appear to fall within the street lines. From such information as is available it would appear that a portion of Amity street as now in use would fall outside of the lines as now planned, but I am informally advised that title to this area can be established by the adjoining owners, and that it will be practicable to observe the lines shown.

Provision is made in this map for discontinuing the block of DeLong street between Amity street and Wateredge avenue, which change I am informed is to be made in order to conform with the desires of the owners of the property.

The plan in my judgment is a proper one, and its approval is recommended after a public hearing. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines and grades of the street system within the territory bounded by Wateredge avenue, Burcker street, Lawrence street, Amity street, Joe place, Redwood street, Lawrence street and Redwood street; changing the grades of the street system within the territory bounded by Hewitt avenue, Ferguson street, Prime street and Gunther street; and changing the grades of Roosevelt avenue, between Prime street and Wateredge avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated July 1, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board to be held in the City Hall, Borough of Manhattan, City of New York, on the 25th day of September, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 25th day of September, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Laying Out a Public Park on the Northerly Side of Richmond Terrace, Opposite Its Junction with Church Street, Borough of Richmond (Cal. No. 11).

The Secretary presented the following communication from the President of the Borough of Richmond and report of the Chief Engineer:

The City of New York, Office of the President of the Borough of Richmond, New Brighton, New York City, July 22, 1913.

Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—I present herewith for approval, map of proposed park at Richmond terrace and Church street, 1st Ward, Borough of Richmond, as also an explanatory map showing a proposed recreation pier, park, etc., indicating a devolpment of the site and lands adjoining the park, noted on the formal map.

On the map for adoption there will be noted a few small pieces of property to which access will be cut off—strips between the park and the railroad right of way. The owners of the lands in the proposed park have indicated their intention of giving the lands for the park, and as we are working in practical harmony with the railroad company it is undoubted that they will also cede to the railroad company the small strips affected. It may be, however, that condemnation proceedings will be necessary to secure the clearest possible title; if so, it would be the expectation that the railroad company would resort to condemnation at the same time so as to similarly extinguish such rights as cannot be given in order to clear up the whole situation at one time.

The Local Board of the Staten Island District has passed the necessary initiating resolutions for acquiring title and for the physical improvement.

I would ask that the matter be placed on the calendar for the meeting of July 31, so that a hearing may be set at a proper later date. Yours respectfully,

GEORGE CROMWELL, President of the Borough.

Report No. 12952. July 25, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the President of the Borough of Richmond, bearing date of July 22, 1913, requesting the approval of a map showing a proposed park on the northerly side of Richmond Terrace opposite its junction with Church street, and advising that the owners of the land are prepared to cede it to the City for this use.

The property comprises three parcels, having an aggregate length of about 900 feet and a width ranging from 8 feet to about 108 feet, averaging a little less than 70 feet, with an area of approximately 1.4 acres. It is valued on the tax books of the Borough at about $12,650. The southerly line is intended to coincide with the northerly line of Richmond Terrace as heretofore acquired, but encroaches upon the lines to which the street has been improved, it being understood that the lines here selected are intended to remove any question as to ownership by the City of the entire area north of Richmond Terrace. The northerly line at its extreme westerly end is intended to coincide with the southerly right-of-way line of the Staten Island Railway Company, but through the remaining and nearly its entire length, it departs from the railroad boundary by a maximum of about 25 feet.

I am informed that the property owners have been in negotiation with the Railroad Company and that the area now in private ownership which will intervene between the railroad lands and the proposed park site is needed for railroad use, and that satisfactory terms for its acquisition by the Railroad Company can be arranged without requiring payment of consequential damage by reason of its exclusion from the park area, the effect of this exclusion being to deprive it of street frontage. Most of the area has been filled to an elevation approximately coinciding with that of Richmond Terrace, but the carrying out of the plan and the additional facilities desired by the railroad will require the construction of a retaining wall along the entire northerly boundary. It is understood that a cloud rests on the title to certain portions of the area and that for this reason condemnation proceedings will be required.

With the understanding that the expense involved in the purchase of this site will be of a nominal character and that it will be borne by an area immediately adjoining, I see no reason why the map should not be approved and would recommend such action after a public hearing, but with the further understanding that the City will not be committed to other features of the project which seem to have been considered by the Local Board, these involving the construction of a bridge over the railroad to connect into a proposed recreation pier.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

A communication from Mrs. Lucille S. McLean, president of The Woman's Club of Staten Island, opposing the proposed improvement, was presented.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by laying out a public park on the northerly side of Richmond terrace, opposite Church street, in the 1st Ward, Borough of Richmond, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated July 22, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 25th day of September, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 25th day of September, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Acquiring Title to the Lands Required for the Widening of Riverdale Avenue, from West 235th Street to West 236th Street, Borough of The Bronx (Cal. No. 12).

The Secretary presented the following communication from the President of the Borough of The Bronx and report of the Chief Engineer:

City of New York, President of the Borough of The Bronx, 3d Avenue and 177th Street, Office of the President, New York, July 22, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment:*

Dear Sir—The grading improvement of West 235th street, from Spuyten Duyvil parkway to Riverdale avenue, has been completed and an approach has been constructed along the west side of Riverdale avenue leading from the new grade of West 235th street to the existing grade of Riverdale avenue. At the time the plans for this improvement were prepared, proceedings had been initiated for the acquiring of title to Riverdale avenue, from Spuyten Duyvil parkway to its intersection with Spuyten Duyvil road near West 231st street.

The plans for the grading of West 235th street, therefore, provided for an approach from West 235th street to Riverdale avenue on the land proposed to be taken for the widening of Riverdale avenue, it being assumed that, before the physical improvement could be accomplished, title to the widened portion of Riverdale avenue would be vested in the City.

The title proceedings for Riverdale avenue have now been abandoned and the owner of the land along the westerly side of Riverdale avenue northerly from West 235th street objects to the approach and has filed a claim in the sum of $5,000 for damages suffered in the construction of the approach, and the improvement of West 235th street cannot, therefore, be realized until title to the strip along the west side of Riverdale avenue, between West 235th street and West 236th street, is in the City.

I would, therefore, request that the Board of Estimate and Apportionment, at its next meeting, on July 31, 1913, initiate proceedings for acquiring title to the lands necessary for the widening of Riverdale avenue to a width of 100 feet, from the north line of West 235th street to the south line of West 236th street prolonged.

Yours truly, CYRUS C. MILLER, President of the Borough of The Bronx.

Report No. 12953. July 26, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on June 27, 1912, a hearing was given upon a district of assessment in a proposed proceeding for acquiring title to Riverdale avenue from its junction with Spuyten Duyvil road near West 231st street to the land acquired for Spuyten Duyvil parkway in the Borough of The Bronx. The matter was repeatedly laid over, and on June 19, 1913, action was deferred indefinitely. It is now understood that the proceeding has been abandoned for the reason that it is objected to by a large majority of the property owners affected.

On May 16, 1912, a grading improvement was authorized, affecting West 235th street from Spuyten Duyvil parkway to Riverdale avenue. At its intersection with 235th street, Riverdale avenue traverses a steep hillside, and to provide a reasonable grade, and at the same time afford frontage for the abutting property, the grades of the latter street have been separated between West 231st street and West 236th street by the provision of a high level and a low level street, into the former of which West 235th street has an outlet.

In a communication bearing date of July 22, 1913, the Borough President now advises that the grading improvement in West 235th street has been completed, and, in order to provide an outlet into Riverdale avenue, an approach has been constructed leading to the existing street in Riverdale avenue. In carrying out this work the City has entered upon land in private ownership, and the Borough President advises that a claim for substantial damages has been filed by the owners of the property.

To enable the City to carry out the grading of Riverdale avenue, as provided under the plan incorporating the street on the City Map, which was approved on April 6, 1911, the Borough President now requests that a proceeding be instituted for acquiring title to the land needed for the widening of the street from West 235th street to West 236th street.

The street has been given a width of 100 feet and between the limits named has a length of one block or a little over 600 feet. Title for a width of about 66 feet on the easterly side has already been legally acquired. The abutting property is entirely unimproved.

In accordance with the request of the Borough President, I would recommend that a resolution be adopted for acquiring title to the widening of Riverdale avenue from West 235th street to West 236th street; that title to the land be acquired in fee; that the entire cost and expense of the proceeding, including any damages allowed for intended regulating, be assessed upon the property benefited; and that a district of assessment be laid out to comprise the following area:

Beginning at a point on the easterly line of Riverdale avenue where it is intersected by the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of West 236th street as this street is laid out where it meets Riverdale avenue on the west, the said distance being measured at right angles to West 236th street, and running thence eastwardly and parallel with West 238th street to a point distant 100 feet easterly from the easterly side of Riverdale avenue, the said distance being measured at right angles to Riverdale avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly side of Riverdale avenue to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of West 235th street as this street meets Riverdale avenue on the west, the said distance being measured at right angles to West 235th street; thence westwardly along the said line parallel with West 235th street and along the prolongation of the said line to the intersection with a line midway between Oxford avenue and Cambridge avenue; thence northwardly along the said line midway between Oxford avenue and Cambridge avenue to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of West 235th street, the said distance being measured at right angles to West 235th street; thence eastwardly and parallel with West 235th street to a point distant 100 feet westerly from the westerly line of Riverdale avenue, the said distance being measured at right angles to Riverdale avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Riverdale avenue to the intersection with a line parallel with West 236th street, as this street is laid out where it meets Riverdale avenue, and passing through the point of beginning; thence eastwardly along the said line parallel with West 236th street to the point or place of beginning.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Riverdale avenue, from West 235th street to West 236th street, in the Borough of The Bronx, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings;

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of section 980 of the Greater New York Charter, as amended, hereby gives notice that the following is the proposed area of assessment for benefit in these proceedings:

Beginning at a point on the easterly line of Riverdale avenue where it is intersected by the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of West 236th street as this street is laid out where it meets Riverdale avenue on the west, the said distance being measured at right angles to West 236th street, and running thence eastwardly and parallel with West 238th street to a point distant 100 feet easterly from the easterly side of Riverdale avenue, the said distance being measured at right angles to Riverdale avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly side of Riverdale avenue to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of West 235th street as this street meets Riverdale avenue on the west, the said distance being measured at right angles to West 235th street; thence westwardly along the said line parallel with West 235th street and along the prolongation of the said line to the intersection with a line midway between Oxford avenue and Cambridge avenue; thence northwardly along the said line midway between Oxford avenue and Cambridge avenue to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of West 235th street, the said distance being measured at right angles to West 235th street; thence eastwardly and parallel with West 235th street to a point distant 100 feet westerly from the westerly line of Riverdale avenue, the said distance being measured at right angles to Riverdale avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Riverdale avenue to the intersection with a line parallel with West 236th street, as this street is laid out where it meets Riverdale avenue, and passing through the point of beginning; thence eastwardly along the said line parallel with West 236th street to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 25th day of September, 1913, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 25th day of September, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Acquiring Title to the Public Park (East River Park), Bounded by Barclay Street, Hoyt Avenue, the Bulkhead Line of the East River and Ditmars Avenue, Borough of Queens (Cal. No. 13).

(At the close of the public hearing in this matter on July 10, 1913, the Secretary was directed to request the Corporation Counsel to advise the Board as to whether or not the facts presented by the President of the Borough of The Bronx show a dedication of the property to public use.

The Comptroller was also requested to endeavor in the meantime to obtain an upset price on the property.)

The Secretary presented the following:

Parks and Playgrounds Association of The City of New York (Incorporated), 1123 Broadway, July 16, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City:

Dear Sirs—On behalf of the Parks and Playgrounds Association of The City of New York, of which I have just been elected President, I am writing to express the earnest hope that you will find it possible and see fit to take the East River Heights Park. Although your Honorable Board is familiar with the general nature of this matter, I shall take the liberty to repeat some of the most salient arguments in behalf of the park.

The East River Heights Park site is composed of the beautiful sites of the colonial Woolsey and Barclay estates, lying between Hoyt and Ditmars avenues, Barclay street and East River, Astoria.

No other park site in all the greater city is of equal value to the above sections as is this 58 acres of greensward, with its numerous fine trees.

There is no other such cool site within the reach of these great congested sections. It is so situated that the warm breezes come to it directly across the greatest possible width of Hell Gate waters.

No building, however tall, can ever shut off a breath of these cooling airs.

On pleasant summer Sundays this site is black with people; even on such off days as Thursdays between two and three thousand people use it—nine-tenths of them from Manhattan Borough. (Information from local tradesmen and residents.)

In the warm season countless thousands bathe there—undressing behind umbrellas. (Information from local residents.) On both sides of the stone dock opposite Woolsey avenue are at present sandy beaches of gentle slope; most, if not all, of the 2,800 feet of water frontage can be made good and safe for bathing by using the boulders now there to run out protecting dykes to or near the bulkhead line—here 200 feet out.

All the Coney Island baths combined (public and pay) have not as much frontage on the water as has this site.

The present access from Manhattan is by the 92d Street Ferry. Every rapid transit line of Manhattan—present and proposed—will bring people nearer to this site than the ferry now does—and at a five-cent fare. The Brooklyn Rapid Transit line that is to run through the congested sections of North Brooklyn, Williamsburg and Greenpoint will do the same.

Thus will much over 1,000,000 people have quick, cheap access to cool, clean air and salt-water bathing.

The College Point ferry, which runs from 100th street, Manhattan, and passes here, could make a stop in the still water of Pot Cove, at the southern end of the park site, where is Hoyt avenue, a 100-foot thoroughfare.

The park area on the east side of Manhattan is shamefully limited—only 1 acre of park space to each 17,500 persons. The East Side has a population of about 420 per acre.

The rest of Manhattan, with a population of only 120 per acre, has 1 acre of park space to each 950 persons.

Central Park is not and never will be a playground park.

East River Park can be obtained at a fraction of the cost of a site on the inferior water front of Manhattan, while here can be obtained, convenient to the same people, a vastly superior park, with advantages as to coolness, good air, salt-water bathing on sand beaches, goodly playground space, already well-grown trees, and general beauty and healthfulness not obtainable in any other part of the City accessible to our congested neighborhoods.

Here passes the constantly varying traffic of Long Island Sound; here across the narrow arm of water lie the broad green lawns of Wards Island, with the buildings hidden behind its masses of trees; here is purer bathing water than on any of the shore front of Manhattan or Brooklyn.

The handsomest bridge in the City will cross one end of the park on steel open-work arches, and can bring people here from the manufacturing districts of Southern Bronx.

Doctors on the East Side of Manhattan have been ordering families with sickly children to come and live in Astoria where the children can play in the fine air of this site. The curative effects of one summer here has been marvelous on the little ones.

In short, this is the very best playground and health park to be had anywhere, the best to hold down taxes by keeping the young healthy and out of gangs, to become workers supporting themselves, instead of becoming criminals or invalids, supported in prisons or other institutions.

I am enclosing herewith some photographs taken in the park, which show the immense benefit and pleasure that the park is conferring upon thousands of children at the present time.

Trusting that this subject will receive favorable consideration at your hands, and with great respect and esteem, I am

Faithfully yours, GEORGE GORDON BATTLE, President.

City of New York, Law Department, Office of the Corporation Counsel, New York, July 31, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment:*

Sir—I am in receipt of a letter addressed to the Corporation Counsel, under date of July 11, 1913, transmitting copy of a minority report submitted to the Board of Estimate and Apportionment by the President of the Borough of The Bronx on July 10, 1913, in relation to the acquisition of title to the Public Park (East River Park), bounded by Barclay street, Hoyt avenue, the bulkhead line of the East River, and Ditmars avenue, Borough of Queens.

Advice is requested as to whether the property proposed to be acquired has been dedicated to public use.

The park in question was originally laid out on the City map pursuant to a resolution of the Board of Estimate and Apportionment, adopted on June 17, 1904, and proceedings to acquire title thereto were instituted pursuant to a subsequent resolution of the Board adopted on February 17, 1905. Commissioners of Estimate and Assessment were appointed by the Supreme Court January 24, 1906, and were engaged in the prosecution of the duties for which they had been appointed until November, 1907, when the proceedings were discontinued under a resolution of the Board of Estimate and Apportionment adopted on November 21, 1907.

At the date of the adoption of the resolution to initiate proceedings for acquiring title (February 7, 1905) the property to be taken for the proposed park appears to have been held in five separate ownerships, and in the month of March, 1905, the East River Land Company acquired title to the property from these various owners, and the conveyances appear to have included other property adjoining the proposed Park.

A map of these properties was filed in the office of the Clerk of Queens County on June 10, 1907. Upon this map appears the legend "East River Heights, First Ward, Borough of Queens, City of New York, Rickert-Finley Realty Company, 1 West 34th street, surveyed for and guaranteed to the Title Guarantee and Trust Company, G. A. Roullier, Civil Engineer and City Surveyor, Flushing, N. Y., G. A. Roullier, Flushing, N. Y., March 1907. Filed June 10, 1907, as map No. 77."

The map shows "East River Heights" laid out into lots and blocks with intersecting streets and that portion of the property lying between the East River and Barclay street, Hoyt avenue and Ditmars avenue (which boundaries coincide with the boundaries of the City's proposed Park), laid out with driveways and marked with trees, as parks usually are indicated on filed maps. The land within the boundaries above described was not expressly designated on the map as a "Park" and no specific reference in words to a park, appears on said map.

It appears that the Rickert-Finley Realty Company was the Sales Agent of the East River Land Company and after the filing of map No. 77, the first named company extensively advertised the property of the East River Land Company surrounding the proposed park. The Sales Agent circulated booklets containing maps and descriptions of East River Heights. The maps in these booklets show the existence of the park with the legend "Public Park established by the City of New York in 1906", and the property adjoining the park subdivided into lots facing the park. The booklets refer to the fact that the East River Heights "Had a frontage of over 3,000 feet on the new East River Park".

It also appears that the East River Land Company sold numerous lots facing the proposed park, and in the former proceedings for acquiring title herein the expert witnesses called by the Company testified that the property of the Company had increased from 200 to 300 per cent between the years 1905 and 1907, and that one-half of that increase had been due to the proposed park.

On July 22, 1909, the Company filed in the Queens County Clerk's office a map of its property (East River Heights). On this map appears the legend "Map of East River Heights, property of the East River Land Company, First Ward, Borough of Queens, City of New York, G. A. Roullier, C. E. and C. S., Flushing, N. Y., April,

1909." On this map the property within the lines of the proposed park is shown as a blank space and within this blank space appears the following:

"The East River Land Company does not, by the filing of this map, and did not by the filing of any previous map of the same premises, intend to dedicate to any public or private use or purpose the whole or any part of the land lying between Barclay street and the bulkhead line, and between Hoyt avenue and Ditmars avenue, as shown on this map."

From a consideration of all the facts it appears that the purchasers from the East River Land Company of the lots in the neighborhood of the proposed park, may have acquired easements as against the East River Land Company to have the proposed park kept open and unobstructed for their use.

I am also informed that the land within the lines of the proposed park has been used to some extent by the public, but I am unable to advise that sufficient appears under all the circumstances, to constitute a dedication of the proposed park to the public, so as to assure its being kept open as a public park against the will of the owner of the land.

If a condemnation proceeding should be instituted by the City, to acquire the land in question for the purposes of a public park, all the facts can be proven before the Commissioners in such proceeding, and if the proof establishes the existence of easements in favor of the purchasers of lots in the neighborhood from the East River Land Company, such easements would have the effect of depreciating the value of the fee of the land in the park.

Respectfully, LOUIS H. HAHLO, Acting Corporation Counsel.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of the City of New York, in pursuance of the provisions of section 970 of the Greater New York Charter, as amended, deems it for the public interest that the title for the uses and to the extent thereof, as herein mentioned, to the lands and premises required for the public park (East River Park) bounded by Barclay street, Hoyt avenue, the bulkhead line of the East River and Ditmars avenue in the Borough of Queens, City of New York, except so much of said lands and premises as forms the right-of-way of the New York Connecting Railroad Company, should be acquired by the City of New York.

Resolved, That the title to be so acquired is hereby determined to be a title in fee in such premises.

Resolved, That the Board of Estimate and Apportionment, deeming it for the public interest so to do, hereby requests the Corporation Counsel to make application to a Special Term of the Supreme Court for the appointment of Commissioners of Estimate and of one Commissioner of Assessment, and to take the necessary proceedings in the name of the City of New York, to acquire title as herein determined, wherever the same has not heretofore been acquired, for the use of the public for the same purpose, to the lands, tenements and hereditaments that shall or may be required for the public park (East River Park) bounded by Barclay street, Hoyt avenue, the bulkhead line of the East River and Ditmars avenue in the Borough of Queens, City of New York, excepting, however, from the proceedings so much of said lands and premises as forms the right-of-way of the New York Connecting Railroad Company; said application to be made by the Corporation Counsel upon the receipt by him of a rule map, damage map and profile certified as having been approved by this Board;

Whereas, It appears from the report of the Chief Engineer of the Board of Estimate and Apportionment that the estimated cost of the improvement herein authorized is more than fifty thousand dollars; and

Whereas, It appears from the affidavit of the Supervisor of the City Record that due notice was given therein that at the time of the adoption of the resolution directing the institution of proceedings herein to acquire title to the lands required for this improvement that the Board of Estimate and Apportionment would consider a proposed apportionment of the cost of the improvement and an area of assessment as therein described, and would give a public hearing thereon upon the 10th day of July, 1913; and

Whereas, At the said time and place a public hearing was given to all persons interested in said proposed apportionment of cost and area of assessment who appeared, and the same were duly considered by this Board;

Resolved, That no portion of the cost and expense of said proceedings, incurred by reason of the provisions of title 4, chapter 17, of the Greater New York Charter, as amended, shall be borne and paid by the City of New York, but that the whole of such cost and expense, including the expense of the Bureau of Street Openings, the cost and expense incurred by the President of the Borough of Queens, in the preparation of rule, damage, benefit and profile maps, for the use thereof; and of the awards, if any, for damages caused by intended regulation and all other expenses and disbursements authorized by section 997 of said title, as amended, shall be borne and paid as hereinafter determined.

Resolved, That, in pursuance of the provisions of section 980 of the Greater New York Charter, as amended, 10 per cent. of the entire cost and expense of this proceeding shall be assessed upon the following local area:

Beginning at a point on the westerly bulkhead line of Steinway Creek where it it intersected by the prolongation of a line midway between 4th avenue and 6th avenue, and running thence southwestwardly along the said line midway between 4th avenue and 6th avenue, and along the prolongation of the said line to the intersection with a line midway between Wolcott avenue and Winthrop avenue; thence southeastwardly along the said line midway between Wolcott avenue and Winthrop avenue to the intersection with a line midway between 7th avenue and 8th avenue; thence southwestwardly along the said line midway between 7th avenue and 8th avenue to the intersection with a line midway between Wolcott avenue and Ditmars avenue; thence southeastwardly along the said line midway between Wolcott avenue and Ditmars avenue to a point midway between 8th avenue and 9th avenue; thence southwestwardly along a line always midway between 8th avenue and 9th avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northerly line of Van Deventer avenue and the southerly line of Flushing avenue as these streets are laid out between 7th avenue and 8th avenue; thence westwardly along the said bisecting line to the intersection with a line midway between 5th avenue and 6th avenue; thence southwardly along the said line midway between 5th avenue and 6th avenue to the intersection with a line midway between Van Deventer avenue and Grand avenue; thence westwardly along the said line midway between Van Deventer avenue and Grand avenue to the intersection with the prolongation of a line midway between 3d avenue and 4th avenue; thence southwardly along the said line midway between 3d avenue and 4th avenue, and along the prolongation of the said line to the intersection with a line midway between Grand avenue and Jamaica avenue; thence westwardly along the said line midway between Grand avenue and Jamaica avenue to the intersection with a line midway between 1st avenue and Academy street; thence southwardly along the said line midway between 1st avenue and Academy street to the intersection with the prolongation of a line midway between Lincoln street and Camelia street; thence westwardly along the said line midway between Lincoln street and Camelia street, and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Ely avenue and the westerly line of Crescent street as these streets are laid out between Broadway and Camelia street; thence southwardly along the said bisecting line to the intersection with a line midway between Broadway and Ridge street; thence westwardly along the said line midway between Broadway and Ridge street, and along the prolongation of the said line to the intersection with the bulkhead line of the East River; thence generally northeastwardly along the bulkhead lines of the East River, Berrians Creek and Steinway Creek to the point or place of beginning

Resolved, That in pursuance of chapter 679 of the Laws of 1911 32½ per cent. of such entire cost and expense shall be borne and paid by the Borough of Queens; 35 per cent. of the entire cost and expense thereof shall be borne and paid by the Borough of Manhattan; and the remaining 22½ per cent. of the entire cost and expense shall be borne and paid by the Borough of Brooklyn.

Resolved, That, in pursuance of chapter 679 of the Laws of 1911 all such costs and expense to be borne by the said Boroughs of Queens, Manhattan and Brooklyn, shall be levied and collected with the taxes upon the real property in said boroughs becoming due and payable in the year in which such costs and expense shall have been fixed and determined, provided that such costs and expense be ascertained in time to be included with the taxes on the real property of said Boroughs in the same year; and if not determined in time, the same shall be levied and collected with the taxes of the succeeding year.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Queens and Richmond—13.

Negative—The Presidents of the Boroughs of Brooklyn and The Bronx—3.

The President of the Borough of Manhattan offered the following:

Whereas, The Board of Estimate and Apportionment on the 31st day of July, 1913, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee, wherever the same has not heretofore been acquired, for the use of the public to the lands, tenements and hereditaments that shall or may be required for the public park (East River Park) bounded by Barclay street, Hoyt avenue, the bulkhead line of the East River and Ditmars avenue in the Borough of Queens, City of New York.

Resolved, That the Board of Estimate and Apportionment of the City of New York in pursuance of the provisions of section 990 of the Greater New York Charter, as amended by chapter 142, Laws of 1913, directs that upon the date of the filing of the oaths of the Commissioners to be appointed in the proceeding the title in fee to each and every piece or parcel of land lying within the lines of said Public Park (East River Park) bounded by Barclay street, Hoyt avenue, the bulkhead line of the East River and Ditmars avenue in the Borough of Queens, City of New York, with the exception of so much of said lands and premises as forms the right-of-way of the New York Connecting Railroad Company, shall become vested in the City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Queens and Richmond—13.

Negative—The Presidents of the Boroughs of Brooklyn and The Bronx—3.

Dr. Abraham Korn appeared in opposition to the proposed improvement.

Petition for the Discontinuance of the Proceeding for Acquiring Title to a Sewer Easement in Harsell Street (Wilbur Avenue), from Vernon Avenue to the East River, Borough of Queens (Cal. No. 14).

(On June 19, 1913, this matter was laid over for one week, on June 26 for one week and on July 3 it was laid over until July 31, 1913.)

The President of the Borough of Queens offered the following:

Whereas, By an order of the Supreme Court, dated June 13, 1913, and entered in the office of the Clerk of the County of Queens on February 13, 1913, reports of the Commissioners of Estimate and of the Commissioner of Assessment in the proceeding instituted by the said Board on November 4, 1910, for acquiring title to an easement for sewer purposes in Harsell street (Wilbur avenue) from Vernon avenue to the bulkhead line of the East River, Borough of Queens, were confirmed and the title to the easement for sewer purposes became vested in The City of New York on the day of the confirmation of the report of the Commissioners, to wit: February 13, 1913; be it

Resolved, That the Board of Estimate and Apportionment hereby denies the petition of Stuard Hirschman, dated May 27, 1913, requesting that the proceeding for acquiring title to the aforesaid sewer easement in Harsell street be discontinued and set aside.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Vesting Title to Queens Boulevard Between Burrough Avenue and Fisk Avenue, Borough of Queens (Cal. No. 15).

The Secretary presented the following communication from the President of the Long Island Railroad Company and report of the Chief Engineer:

The Long Island Railroad Company, General Office, Pennsylvania Station, New York, July 15, 1913.

Board of Estimate and Apportionment of The City of New York, 277 Broadway, New York City:

Gentlemen—In the proceeding to open and widen Queens boulevard in the Borough of Queens, we request that in accordance with the provisions of section 990 of the Charter, as amended by chapter 142 of the Laws of 1913, you adopt a resolution vesting title immediately to that portion of the avenue lying between the westerly line of Burrough avenue, if extended, and the easterly line of Fisk avenue. Commissioners were appointed in this proceeding some time ago and some testimony has been taken, but it is expected that the proceeding will not be concluded for a considerable length of time.

Under the agreement entered into between the Long Island Railroad Company and The City of New York, providing for the elimination of grade crossings in the Borough of Queens, dated July 21, 1911, the Railroad Company is obligated to remove its tracks from their present location between Woodside and Winfield and to substitute for them six tracks on the Woodside-Winfield Cut-off. The line of the Woodside-Winfield Cut-off crosses Queens boulevard between Burrough avenue and Fisk avenue, and the aforesaid contract requires the construction of a six-track bridge, spanning this 200-foot avenue.

The Company desires to proceed with the construction of this bridge, the design of and the supports for which have been approved by you, but it cannot do so until title to that portion of Queens boulevard, between Burrough avenue and Fisk avenue, is vested in the City, and it is thus enabled to provide sufficient width of roadway for use during construction and for the relocation of the trolley tracks now on the avenue. Very truly yours, RALPH PETERS, President.

Report No. 12946. July 24, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on September 19, 1912, a plan was approved showing the architectural features of the bridge designed by the Long Island Railroad Company to carry the Main Line tracks over Queens boulevard and Lee avenue in the Borough of Queens, and on June 26, last, favorable consideration was given a drawing showing the character of the superstructure.

Under date of July 15, 1913, the Long Island Railroad Company, through its President, Mr. Ralph Peters, has addressed a communication to the Board, advising that the Company desires to proceed with the construction of the Queens boulevard bridge, but cannot begin the work for the reason that a portion of the land which it will be necessary to enter upon is at the present time in private ownership. It is stated that before this important improvement can be undertaken it will be necessary for the City to become the owner of the fee to that portion of Queens boulevard extending from Burrough avenue to Fisk avenue, this comprising a length of three blocks or about 800 feet.

A proceeding for acquiring title to Queens boulevard from Van Dam street to Hillside avenue was instituted by the Board of Estimate and Apportionment on October 19, 1911, and the Commissioners of Estimate and Assessment filed their oaths on November 14 of the following year:

Pursuant to the request of the Long Island Railroad Company, I would recommend the adoption of a resolution vesting title in the City on September 2, 1913, to all of the land needed for Queens boulevard from the westerly line of Burrough avenue to the easterly line of Fisk avenue, where title has not already been acquired.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 19th day of October, 1911, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Queens boulevard from Vandam street to Hillside avenue, in the Borough of Queens, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said street and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 14th day of November, 1912:

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each

and every piece or parcel of land lying within the lines of said Queens boulevard from the westerly line of Burrough avenue to the easterly line of Fisk avenue, in the Borough of Queens, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Modifying the Drainage Plan for Sewerage Districts Nos. 20 and 21, Borough of Queens (Cal. No. 16).

(On June 26, 1913, this matter was laid over for one week, on July 3 for one week, and on July 10 it was laid over until July 31, 1913.)

On motion of the President of the Borough or Queens the matter was laid over.

LOCAL IMPROVEMENTS—BOROUGH OF MANHATTAN.
(Preliminary Authorization.)

Reconstructing Sewer in West 111th Street from Manhattan Avenue to 8th Avenue, Borough of Manhattan (Cal. No. 17).

The Secretary presented the following resolution of the Local Board of the Riverside District, Borough of Manhattan, and report of the Chief Engineer:

In the Local Board of the Riverside District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Manhattan, and,

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board, at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice, and,

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now, therefore, it is

Resolved, By the Local Board of the Riverside District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: Reconstruction of sewer in 111th street, between Manhattan and 8th avenues; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Riverside District on the 17th day of June, 1913, all the members present voting in favor thereof.

Attest: LOUIS GRAVES, Secretary.

Approved this 19th day of June, 1913.

GEORGE McANENY, President of the Borough of Manhattan.

Estimated cost, $2,300; assessed valuation of property, $465,000.

Report No. 12780. June 24, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Riverside District, Borough of Manhattan, adopted on June 17, 1913, initiating proceedings for reconstructing the sewer in West 111th street from Manhattan avenue to 8th avenue.

This resolution affects one block or about 300 feet of West 111th street, title to which has been legally acquired. The street is paved and the abutting property is almost solidly built up. The outlet sewer is provided.

The improvement is intended to replace an existing sewer which is in a condition of disrepair.

The work is estimated to cost about $2,300, and the assessed valuation of the property to be benefited is $465,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Manhattan has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Riverside District, duly adopted by said Board on the 17th day of June, 1913, and approved by the President of the Borough of Manhattan on the 19th day of June, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"Reconstruction of sewer in 111th street between Manhattan and 8th avenues."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Manhattan to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Manhattan has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving, Curbing and Recurbing West 128th Street, from St. Nicholas Terrace to Convent Avenue, Borough of Manhattan (Cal. No. 18).

The Secretary presented the following resolution of the Local Board of the Washington Heights District, Borough of Manhattan, and report of the Chief Engineer:

In the Local Board of the Washington Heights District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Manhattan, and,

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice, and,

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now, therefore, it is

Resolved, By the Local Board of the Washington Heights District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: To regulate and pave with a permanent asphalt block pavement on concrete foundation, curb and recurb 128th street, from the west side of St. Nicholas Terrace to the east side of Convent avenue, and do all other necessary work incidental thereto; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Washington Heights District on the 20th day of May, 1913, a majority of the members present voting in favor thereof.

Attest: LOUIS GRAVES, Secretary.

Approved this 21st day of May, 1913.

GEORGE McANENY, President of the Borough of Manhattan.

Estimated cost, $4,320; assessed valuation of property benefited, $323,000.

Report No. 12653. June 4, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Washington Heights District, Borough of Manhattan, adopted on May 20, 1913, initiating proceedings for paving with asphalt block (permanent pavement), and for curbing and recurbing West 128th street from St. Nicholas terrace to Convent avenue.

This resolution affects one block, or about 400 feet, of West 128th street, title to which has been legally acquired. The street is graded, curbed, and flagged; the property abutting on the northerly side is partially improved; and, with the exception of the gas main, all of the subsurface construction has been provided.

The work is estimated to cost about $4,300, and the assessed valuation of the property to be benefited is $323,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract, with the understanding that the constuction will then be authorized if the gas main has been provided for.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, the President of the Borough of Manhattan has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Washington Heights District, duly adopted by said Board on the 20th day of May, 1913, and approved by the President of the Borough of Manhattana on the 21st day of May, 1913, as follows, to wit:

"Resolved, that this Board does hereby initiate proceedings for the said Local improvement, to wit:—

"To regulate and pave with a permanent asphalt block pavement on concrete foundation, curb and recurb 128th street from the west side of St. Nicholas terrace to the east side of Convent avenue, and do all other necessary work incidental thereto."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Manhattan to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Manhattan has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF BROOKLYN.
(Preliminary Authorization.)

Sewer in East 35th Street, from Clarendon Road to Canarsie Lane, Borough of Brooklyn (Cal. No. 19).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, a petition for a local improvement, to wit: To construct a sewer in East 35th street, from Clarendon road to Canarsie lane, has been received by the President of the Borough of Brooklyn; and

Whereas, he has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board, and whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in East 35th street, from Clarendon road to Canarsie lane.

Adopted by the Local Board of the Flatbush District on the 2d day of June, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 20, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12944. July 25, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on June 2, 1913, initiating proceedings for constructing a sewer in East 35th street, from Clarendon road to Canarsie lane.

This resolution affects one block or about 300 feet of East 35th street, title to which has been legally acquired. An approximately graded roadway is in use, and the abutting property is partially improved. The outlet sewer is built.

The work is estimated to cost about $1,100, and the assessed valuation of the property to be benefited is $35,200.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 20th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in East 35th street, from Clarendon road to Canarsie Lane."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contin-

gencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Robinson Street, from Bedford Avenue to Rogers Avenue, Borough of Brooklyn (Cal. No. 20).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To construct a sewer in Robinson street from Bedford avenue to Rogers avenue, has been received by the President of the Borough of Brooklyn; and

Whereas, he has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the Flabush District, hereby initiates proceedings to construct a sewer in Robinson street from Bedford avenue to Rogers avenue.

Adopted by the Local Board of the Flabush District this 3d day of April, 1913, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on April 11, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12793. June 27, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on April 3, 1913, initiating proceedings for constructing a sewer in Robinson street from Bedford avenue to Rogers avenue.

This resolution affects one block or about 800 feet of Robinson street, title to which has been legally acquired. The street is regulated and graded, and the abutting property is partially improved. The outlet sewer is built.

The work is estimated to cost about $3,200, and the assessed valuation of the property to be benefited is $315,540.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, the President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of April, 1913, as follows, to wit:

"Resolved, that the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in Robinson street from Bedford avenue to Rogers avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in East 15th Street, from Avenue N to Avenue O, Borough of Brooklyn (Cal. No. 21).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: Curbing, flagging and sewer in East 15th street, between Avenues N and O has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to construct a sewer in East 15th street, from Avenue N to Avenue O.

Adopted by the Local Board of the Flatbush District on the 2d day of June, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 21, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12873. July 16th, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on June 2, 1913, initiating proceedings for constructing a sewer in East 15th street from Avenue N to Avenue O.

A proceeding for acquiring title to this street from Avenue H to Kings Highway and from Avenue V to Emmons avenue, together with a number of other streets, excluding the lands of the Long Island Railroad and of the Brooklyn and Brighton Beach Railroad, was instituted by the Board of Estimate and Apportionment on February 28, 1908, and the Commissioners of Estimate and Assessment filed their oaths on November 22, 1911. On October 17, 1912, the proceeding was amended by excluding the section of East 15th street from Sheepshead Bay road to Voorhies avenue, and a further amendment is proposed through that section of the street length where it crosses the old village of South Greenfield. The portion of the street now under consideration, however, is not affected by these amendments, and title to the land can therefore be here vested in the City at any time.

The resolution now presented affects one long block of East 15th street. An approximately graded roadway is in use and a number of buildings have been erected upon the abutting property. The outlet sewer is provided for.

The work is estimated to cost about $3,000, and the assessed valuation of the property to be benefited is $100,450.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 21st day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in East 15th street, from Avenue N to Avenue O."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in 18th Avenue, from 60th Street to 61st Street, and in 61st Street, from 17th Avenue to 18th Avenue, Borough of Brooklyn (Cal. No. 22).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: Curbing, sidewalking and sewering of 61st street, between 17th and 18th avenues, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to construct a sewer in 18th avenue, from 60th street to 61st street, and in 61st street, from 17th avenue to 18th avenue.

Adopted by the Local Board of the Flatbush District on the 2d day of June, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 18, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12871. July 16th, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on June 2, 1913, initiating proceedings for constructing sewers in the following streets: 18th avenue from 60th to 61st street: 61st street from 17th avenue to 18th avenue.

Title to these streets has been legally acquired, and the resolution affects one short block of the former and one long block of the latter, aggregating about 900 feet. The streets are in use and the property abutting on 61st street is partially improved. The outlet sewers are provided for.

The work is estimated to cost about $3,800, and the assessed valuation of the property to be benefited is $219,550.

In my judgment the resolution is a proper one and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, the President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 18th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in 18th avenue, from 60th street to 61st street, and in 61st street, from 17th avenue to 18th avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Pine Street, from Atlantic Avenue to Fulton Street, Borough of Brooklyn (Cal. No. 23).

The Secretary presented the following resolution of the Local Board of the New Lots District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the New Lots District.

Whereas, A petition for a local improvement, to wit: Sewer in Pine street as open between Atlantic avenue and Fulton street north of Atlantic avenue and south of Fulton street, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the New Lots District, hereby initiates proceedings to construct a sewer in Pine street from Atlantic avenue to Fulton street; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for approval.

Adopted by the Local Board of the New Lots District May 23, 1912, Commissioner Pounds and Aldermen Grimm and Martyn voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 4, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12799. June 30, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the New Lots District, Borough of Brooklyn, adopted on May 23, 1912, initiating proceedings for constructing a sewer in Pine street from Atlantic avenue to Fulton street.

This resolution affects one block or about 600 feet of Pine street, title to which has been acquired by deed of cession. The street is not in use and the abutting property is entirely unimproved. The outlet sewer is built.

The work is estimated to cost about $2,400, and the assessed valuation of the property to be benefited is $80,950.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 23d day of May, 1912, and approved by the President of the Borough of Brooklyn on the 4th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby initiates proceedings to construct a sewer in Pine street, from Atlantic avenue to Fulton street";

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Gravesend Avenue, Both Sides, from Fort Hamilton Avenue to Church Avenue; in Caton Avenue, from Gravesend Avenue to East 2d Street; in East 2d Street, from Caton Avenue to Albemarle Road, and in Albemarle Road, from West Street to East 3d Street, Borough of Brooklyn (Cal. No. 24).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To construct a sewer in Gravesend avenue, between Fort Hamilton and 22d avenues, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct sewers in Gravesend avenue, both sides, between Fort Hamilton avenue and Church avenue, and outlet sewers, in Caton avenue, between Gravesend avenue and East 2d street; in East 2d street, between Caton avenue and Albemarle road; in Albemarle road, between Gravesend avenue and East 3d street, and in Albemarle road, between Gravesend avenue and West street.

Adopted by the Local Board of the Flatbush District, December 28, 1910, Commissioner Pounds and Aldermen Potter, Esterbrook and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on April 8, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12869. July 15, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on December 28, 1910, initiating proceedings for constructing sewers in the following streets: Gravesend avenue, both sides, from Fort Hamilton avenue to Church avenue; Caton avenue from Gravesend avenue to East 2d street; East 2d street from Caton avenue to Albemarle road; Albemarle road from West street to East 3d street.

Title to Gravesend avenue, Caton avenue and East 2d street has been legally acquired.

An opening proceeding relating to Albemarle road from West street to East 3d street, and from East 5th street to Ocean parkway, excluding the land occupied by the tracks of the Prospect Park and Coney Island Railroad, together with a number of other streets, was instituted by the Board of Estimate and Apportionment on June 26, 1908. The oaths of the Commissioners of Estimate and Assessment were filed on March 7, 1912, and title to the land can be vested in the City at any time.

The resolution now presented affects lengths varying from one short block of Caton avenue to three long blocks of Gravesend avenue, aggregating about 3,200 feet. With the exception of Caton avenue the streets are in use but the area traversed is almost entirely unimproved. The outlet sewers are provided for. The central portion of the roadway in Gravesend avenue is occupied by a double track trolley railroad.

The work is estimated to cost about $24,200, and the assessed valuation of the property to be benefited is $199,035.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 28th day of December, 1910, and approved by the President of the Borough of Brooklyn on the 8th day of April, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct sewers in Gravesend avenue, both sides, between Fort Hamilton avenue and Church avenue, and outlet sewers in Caton avenue, between Gravesend avenue and East 2d street; in East 2d street, between Caton avenue and Albemarle road; in Albemarle road, between Gravesend avenue and East 3d street, and in Albemarle road, between Gravesend avenue and West street";

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Amending the Resolution Granting Preliminary Authorization for Regulating and Grading Railroad Avenue, from Pitkin Avenue to Hegeman Avenue, Borough of Brooklyn (Cal. No. 25).

The Secretary presented the following resolution of the Local Board of the New Lots District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the New Lots District.

Whereas, A petition for a local improvement, to wit: To regulate, grade, set cement curb and lay cement sidewalks on Railroad avenue, between Glenmore and Sutter avenues, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the New Lots District hereby amends resolution of March 15, 1912, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Railroad avenue, between Pitkin avenue and Hegeman avenue, by excluding that portion of Railroad avenue between Sutter and Hegeman avenues, and by adding the block between Glenmore and Pitkin avenues, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Railroad avenue, from Glenmore avenue to Sutter avenue."

Adopted by the Local Board of the New Lots District this 2d day of July, 1913, Commissioner Pounds and Aldermen Eichhorn, Grimm and Martyn voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on July 11, 1913.

L. H. POUNDS, President, Borough of Brooklyn.

Report No. 12892. July 23, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on November 14, 1912, and in accordance with a resolution of the Local Board of the New Lots District, Borough of Brooklyn, adopted on March 15, of the same year, preliminary authorization was granted for grading, curbing and flagging Railroad avenue from Pitkin avenue to Hegeman avenue.

The work was estimated to cost about $19,400, and the assessed valuation of the property to be benefited was stated to be $101,000.

It subsequently appeared that the improvement was premature in so far as it related to the section south of Sutter avenue but that the property owners desired to carry the grading northwardly as far as Glenmore avenue. The Local Board accordingly on July 2, 1913, adopted a new resolution, which is herewith transmitted, amending its original resolution under which the proceeding was initiated so as to provide for grading, curbing and flagging Railroad avenue from Glenmore avenue to Sutter avenue.

The work as now contemplated is estimated to cost about $5,000, and the assessed valuation of the land to be benefited is reported to be $66,600.

In my judgment the amendment now proposed is a proper one, and I would recommend that it be approved. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby amends resolution adopted by said Board on November 14, 1912, granting preliminary authorization for regulating, grading, setting cement curb and laying cement sidewalks on Railroad avenue, between Pitkin avenue and Hegeman avenue, Borough of Brooklyn, so as to relate to Railroad avenue, from Glenmore avenue to Sutter avenue, the amended resolution to read as follows:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 2d day of July, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of July, 1913, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby amends resolution of March 15, 1912, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Railroad avenue, between Pitkin avenue and Hegeman avenue, by excluding that portion of Railroad avenue between Sutter and Hegeman avenues, and by adding the block between Glenmore and Pitkin avenues, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Railroad avenue, from Glenmore avenue to Sutter avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading East 15th Street, from Avenue N to Avenue O, Borough of Brooklyn (Cal. No. 26).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: Curbing, flagging and sewer in East 15th street, between Avenues N and O, has been received by the President of the Borough of Brooklyn; and,

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and,

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on East 15th street, from Avenue N to Avenue O.

Adopted by the Local Board of the Flatbush District on the 2d day of June, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 21, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12854. July 11, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted June 2, 1913, initiating proceedings for grading, curbing and flagging East 15th street from Avenue N to Avenue O.

A proceeding for acquiring title to this street from Avenue H to Kings Highway, and from Avenue V to Emmons avenue, together with a number of other streets, excluding the lands of the Long Island Railroad and of the Brooklyn and Brighton Beach Railroad, was instituted by the Board of Estimate and Apportionment on February 28, 1908, and the Commissioners of Estimate and Assessment filed their oaths on November 22, 1911. On October 17, 1912, the proceeding was amended by excluding the section of East 15th street from Sheepshead Bay road to Voorhies avenue, and a further amendment is proposed through that section of the street length where it crosses the old Village of South Greenfield. The part of the street now under consideration, however, is not affected by these amendments, and title to the land can therefore be here vested in the City at any time.

The resolution now presented affects one block or about 900 feet of East 15th street. An approximately graded roadway is in use and a few buildings have been erected upon the abutting property.

The work is estimated to cost about $3,100, and the assessed valuation of the land to be benefited is $71,550.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 21st day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on East 15th street, from Avenue N to Avenue O."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 68th Street, from New Utrecht Avenue to 16th Avenue, Borough of Brooklyn (Cal. No. 27).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To regulate, grade and lay cement sidewalks where not already laid on 68th street between New Utrecht and 16th avenues, has been received by the President of the Borough of Brooklyn; and,

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and,

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks where not already done on 68th street from New Utrecht avenue to 16th avenue.

Adopted by the Local Board of the Flatbush District this 3d day of April, 1913, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on April 11, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12427. April 21, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on April 3, 1913, initiating proceedings for grading, curbing and flagging 68th street from New Utrecht avenue to 16th avenue.

This resolution affects one block or about 500 feet of 68th street which the Corporation Counsel has advised is dedicated to public use. An approximately graded roadway is in use, and the abutting property is partially improved.

The work is estimted to cost about $1,700, and the assessed valuation of the land to be benefited is $41,850.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of April, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks where not already done on 68th street from New Utrecht avenue to 16th avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Avenue K, from Flatbush Avenue to East 34th Street, Borough of Brooklyn (Cal. No. 28).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To regulate, grade, set cement curb and lay cement sidewalks on Avenue K, from Flatbush avenue to East 34th street, has been received by the President of the Borough of Brooklyn, and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board, and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Avenue K, from Flatbush avenue to East 34th street.

Adopted by the Local Board of the Flatbush District on the 3d day of April, 1913, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on April 11, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12420. April 21, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on April 3, 1913, initiating proceedings for grading, curbing and flagging Avenue K from Flatbush avenue to East 34th street.

This resolution affects four blocks or about 800 feet of Avenue K, title to which has been legally acquired. The roadway is approximately graded, but the abutting property is generally unimproved.

The work is estimated to cost about $2,200, and the assessed valuation of the land to be benefited is $152,300.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of April, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Avenue K, from Flatbush avenue to East 34th street;"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Georgia Avenue, from Belmont Avenue to Sutter Avenue, Borough of Brooklyn (Cal. No. 29).

The Secretary presented the following resolution of the Local Board of the New Lots District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the New Lots District.

Whereas, A petition for a local improvement, to wit: To amend resolution to regulate, grade, set curb on concrete and lay cement sidewalks on Georgia avenue, between Belmont and Sutter avenues, by substituting cement curb for curb on concrete and by adding the words where not already done, has been received by the President of the Borough of Brooklyn, and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board, and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the New Lots District hereby amends resolution of May 15, 1907, initiating proceedings to regulate, grade, set curb on concrete and lay cement sidewalks on Georgia avenue, between Belmont and Sutter avenues, by substituting cement curb for curb on concrete, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Georgia avenue, between Belmont and Sutter avenues."

Adopted by the Local Board of the New Lots District on the 28th day of May, 1913, Commissioner Pounds and Aldermen Grimm and Martyn voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 13, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12513. June 21, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the New Lots District, Borough of Brooklyn, adopted on May 28, 1913, initiating proceedings for grading, curbing and flagging Georgia avenue from Belmont avenue to Sutter avenue.

An opening proceeding relating to this street between the limits named was instituted by the Board of Estimate and Apportionment on March 7, 1912. The oaths of the Commissioners of Estimate and Assessment were filed on February 3, 1913, and title to the land can be vested in the City at any time.

The resolution now presented affects one block or about 400 feet of Georgia avenue. An approximately graded roadway is in use and the abutting property is partially improved.

The work is estimated to cost about $1,300, and the assessed valuation of the land to be benefited is $56,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 28th day of May, 1913, and approved by the President of the Borough of Brooklyn on the 13th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby amends resolution of May 15, 1907, initiating proceedings to regulate, grade, set curb on concrete and lay cement sidewalks on Georgia avenue, between Belmont and Sutter avenues, by substituting cement curb for curb on concrete, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Georgia avenue, between Belmont and Sutter avenues;"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an

estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Lincoln Place, from Howard Avenue to East New York Avenue, Borough of Brooklyn (Cal. No. 30).

The Secretary presented the following resolution of the Local Board of the New Lots District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the New Lots District.

Whereas, A petition for a local improvement, to wit: Opening, regulating, grading, curbing, sidewalks and paving Lincoln place from Eastern parkway to East New York avenue, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the New Lots District, hereby amends resolution of December 16, 1908, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Lincoln place, between Eastern parkway and East New York avenue, by excluding that portion of Lincoln place, between Eastern parkway and Howard avenue, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Lincoln place, between Howard avenue and East New York avenue."

Adopted by the Local Board of the New Lots District this 2d day of July, 1913, Commissioner Pounds and Aldermen Eichhorn, Grimm and Martyn voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on July 11, 1913.

L. H. POUNDS, President, Borough of Brooklyn.

Report No. 12894. July 19, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the New Lots District, Borough of Brooklyn, adopted on July 2, 1913, initiating proceedings for grading, curbing and flagging Lincoln place, from Howard avenue to East New York avenue.

This resolution affects one block or about 400 feet of Lincoln place, which the Corporation Counsel advises is dedicated to public use. An approximately graded roadway is in use and the abutting property is partially improved.

The work is estimated to cost about $1,000, and the assessed valuation of the land to be benefited is $58,700.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 2d day of July, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of July, 1913, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby amends resolution of December 16, 1908, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Lincoln place between Eastern parkway and East New York avenue, by excluding that portion of Lincoln place between Eastern parkway and Howard avenue, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Lincoln place, between Howard avenue and East New York avenue;"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 23d Avenue, from 79th Street to 86th Street, Borough of Brooklyn (Cal. No. 31).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: Grading, curbing and sidewalks on 23d avenue, from 79th street to 86th street, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate grade, set cement curb and lay cement sidewalks on 23d avenue, from 79th street to 86th street; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Flatbush District on the 25th day of July, 1912, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on October 26, 1912.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12913. July 22, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Baord of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on July 25, 1912, initiating proceedings for grading, curbing and flagging 23d avenue from 79th street to 86th street.

This resolution affects eight blocks or about 2,000 feet of 23d avenue, which the Corporation Counsel has advised is dedicated to public use. The roadway is approximately graded and a few buildings have been erected upon the abutting property.

The work is estimated to cost about $17,300, and the assessed valuation of the land to be benefited is $440,400.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 25th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 26th day of October, 1912, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on 23d avenue, from 79th street to 86th street."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 85th Street, from 23d Avenue to Stillwell Avenue, Borough of Brooklyn (Cal. No. 32).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: Regulating, grading, curbing and sidewalks on 85th street, from 23d avenue to Stillwell avenue, has been received by the President of the Borough of Brooklyn; and,

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and,

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on 85th street, from 23d avenue to Stillwell avenue.

Adopted by the Local Board of the Flatbush District this 3d day of April, 1913, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on April 11, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12856. July 11, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on April 3, 1913, initiating proceedings for grading, curbing and flagging 85th street from 23d avenue to Stilwell avenue.

This resolution affects three blocks or about 1,800 feet of 85th street, which has been deemed by the Supreme Court to have been dedicated to public use. The roadway is approximately graded and the abutting property is partially improved.

The work is estimated to cost about $20,800, and the assessed valuation of the land to be benefited is $114,650.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of April, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on 85th street, from 23d avenue to Stillwell avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 41st Street, from 14th Avenue to 16th Avenue, Borough of Brooklyn (Cal. No. 33).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To regulate, grade, curb and lay cement sidewalks, where not already laid to grade, on 41st street, from 14th avenue to 16th avenue, has been received by the President of the Borough of Brooklyn, and,

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board, and,

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to regulate, grade, set curb and lay cement sidewalks on 41st street between 14th and 16th avenues.

Adopted by the Local Board of the Flatbush District this 2d day of July, 1913, Commissioner Pounds and Aldermen Bosse, Esterbrook and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on July 15, 1913.

L. H. POUNDS, President, Borough of Brooklyn.

Report No. 12943. July 25, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on July 2, 1913, initiating proceedings for grading, curbing and flagging 41st street from 14th avenue to 16th avenue.

This resolution affects two long blocks of 41st street, title to which has been legally acquired. A narrow roadway is in use and the abutting property is partially improved.

The work is estimated to cost about $4,400, and the assessed valuation of the land to be benefited is $96,500.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of July, 1913, and approved by the President of the Borough of Brooklyn on the 15th day of July, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set curb and lay cement sidewalks on 41st street between 14th and 16th avenues;"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Johnson Place, from Church Avenue to Erasmus Street, Borough of Brooklyn (Cal. No. 34).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: Regulate, grade, curb and lay sidewalks on Johnson place, from Church avenue to Erasmus street, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board, and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Johnson place, from Church avenue to Erasmus Street.

Adopted by the Local Board of the Flatbush District this 2d day of June, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 7, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12864. July 11th, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on June 2, 1913, initiating proceedings for grading, curbing and flagging Johnson place from Church avenue to Erasmus street.

This resolution affects one block or about 300 feet of Johnson place, which the Corporation Counsel advises is dedicated to public use. An approximately graded roadway is in use and the abutting property is partially improved.

The work is estimated to cost about $1,500, and the assessed valuation of the land to be benefited is $52,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 7th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Johnson place, from Church avenue to Erasmus street;"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading West 36th Street, from Neptune Avenue to Canal Avenue, Borough of Brooklyn (Cal. No. 35).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To regulate, grade, set cement curb and lay cement sidewalks on West 36th street, from Neptune avenue to Canal avenue, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on West 36th street, from Neptune avenue to Canal avenue; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Flatbush District on the 14th day of August, 1912, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on November 7, 1912.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12908. July 22, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Baord of Estimate and Apportionment:*

Sirs—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on August 14, 1912, initiating proceedings for grading, curbing and flagging West 36th street from Neptune avenue to Canal avenue.

An opening proceeding relating to this street from Canal avenue to Surf avenue, together with a number of other streets, excluding the right-of-way of the New York and Coney Island Railroad, was instituted by the Board of Estimate and Apportionment of March 9, 1911. The oaths of the Commissioners of Estimate and Assessment were filed on February 1 of the following year and title to the land can be vested in the City at any time.

The resolution now presented affects one block or about 700 feet of West 36th street. An approximately graded roadway is in use, but the abutting property is only slightly improved.

The work is estimated to cost about $2,600, and the assessed valuation of the land to be benefited is $24,900.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 14th day of August, 1912, and approved by the President of the Borough of Brooklyn on the 7th day of November, 1912, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on West 36th street, from Neptune avenue to Canal avenue";

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Paving Newkirk Avenue, from East 34th Street to Brooklyn Avenue, Borough of Brooklyn (Cal. No. 36).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To regulate, grade, curb, sidewalk and pave with asphalt Newkirk avenue, from East 34th street to Brooklyn avenue, where not already done, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set curb, lay cement sidewalks and lay a preliminary asphalt pavement on a four-inch concrete foundation on Newkirk avenue, from East 34th street to Brooklyn avenue.

Adoped by the Local Board of the Flatbush District on the 2d day of June, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 13, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12898. July 19, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on June 2, 1913, initiating proceedings for grading, curbing, flagging and paving with asphalt (preliminary pavement) Newkirk avenue from East 34th street to Brooklyn avenue.

An opening proceeding relating to this street from Nostrand avenue to Brooklyn avenue was instituted by the Board of Estimate and Apportionment on May 4, 1911. The oaths of the Commissioners of Estimate and Assessment were filed on July 25, 1912, and title to the land where necessary can be vested in the City at any time.

The resolution now presented affects two short blocks of Newkirk avenue. An approximately graded roadway is in use, the abutting property is partially improved, and, with the exception of a portion of the gas main, all of the subsurface construction has been provided for.

The work is estimated to cost about $6,800, and the assessed valuation of the land to be benefited is $38,450.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract, with the understanding that the construction will then be authorized if arrangements have been made for completing the gas main. Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 13th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set curb, lay cement sidewalks and lay a preliminary asphalt pavement on a 4-inch concrete foundation on Newkirk avenue, from East 34th street to Brooklyn avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Paving Franklin Street from a Point About 140 Feet East of North 13th Street Eastwardly a Distance of About 110 Feet, Borough of Brooklyn. (Cal. No. 37).

The Secretary presented the following resolution of the Local Board of the Williamsburg District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Williamsburg District.

Whereas, A petition for a local improvement, to wit: To amend resolution of March 14, 1912, initiating proceedings to regulate, grade, set stone curb on concrete, lay cement sidewalks and pave with granite that portion of Franklin street now occupied by a bridge beginning at a point about 140 feet east of North 13th street and extending easterly a distance of 110 feet more or less, by providing for a preliminary or permanent granite pavement, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Williamsburg District hereby amends resolution of March 14, 1912, initiating proceedings to regulate, grade, set stone curb on concrete, lay cement sidewalks and pave with granite that portion of Franklin street now occupied by a bridge beginning at a point about 140 feet east of North 13th street, and extending easterly a distance of 110 feet more or less, by providing for a permanent granite pavement, so as to make the amended resolution read as follows:

"To regulate, grade, set stone curb on concrete, lay cement sidewalks and lay a permanent granite pavement on that portion of Franklin street now occupied by a bridge beginning at a point about 140 feet east of North 13th street and extending easterly a distance of 110 feet more or less."

—and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for approval.

Adopted by the Local Board of the Williamsburg District June 20, 1912, Commissioner Pounds and Aldermen Moore, Dixon and McGarry voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 25, 1912.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12945. July 25, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Williamsburg District, Borough of Brooklyn, adopted on June 20, 1912, initiating proceedings for grading, curbing, flagging and paving with granite block (permanent pavement) Franklin street, from a point about 140 feet east of North 13th street eastwardly a distance of about 110 feet.

In the portion of its length affected by this resolution, Franklin street extends across the bed of Bushwick Creek. On April 20, 1911, application was made to the War Department for permission to obstruct the waterway at and above the westerly line of Franklin street, and the proposed treatment was subsequently given the sanction of the Government. The street is graded, excepting under the old bridge, which is in use, but is no longer needed and will be removed.

Information is presented with the papers showing that the street is laid out along the line of old Ravenswood, Halletts Cove and Williamsburg turnpike, which was made a free public highway by an act of the Legislature in the year 1867, and placed under the jurisdiction of the City of Brooklyn.

The water main and gas main have been provided, and information is informally presented, showing that the sewer has been reconstructed in such a way as to meet the present requirements. There is no question that the drainage plan will ultimately be modified so as to deliver the sewage at a more desirable point of outlet, but such measures cannot be carried out at the present time. The improvement has been specially requested by the Borough President, and in view of its urgency, can, in my judgment, properly be considered at this time.

The work is estimated to cost about $2,000, and the assessed valuation of the land to be benefited is $101,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Williamsburg District, duly adopted by said Board on the 20th day of June, 1912, and approved by the President of the Borough of Brooklyn on the 25th day of June, 1912, as follows, to wit:

"Resolved, That the Local Board of the Williamsburg District hereby amends resolution of March 14, 1912, initiating proceedings to regulate, grade, set stone curb on concrete, lay cement sidewalks and pave with granite that portion of Franklin street now occupied by a bridge beginning at a point about 140 feet east of North 13th street, and extending easterly a distance of 110 feet more or less, by providing for a permanent granite pavement, so as to make the amended resolution read as follows:

"To regulate, grade, set stone curb on concrete, lay cement sidewalks and lay a permanent granite pavement on that portion of Franklin street now occupied by a bridge beginning at a point about 140 feet east of North 13th street and extending easterly a distance of 110 feet more or less."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Amending the Resolution Granting Preliminary Authorization for Paving 75th Street, from 13th Avenue to 15th Avenue, Borough of Brooklyn (Cal. No. 38).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To pave with asphalt (preliminary pavement) 75th street from 13th avenue to 15th avenue, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District, hereby amends resolution of October 9, 1912, initiating proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on 75th street from 13th avenue to 15th avenue by providing instead for a permanent asphalt pavement on a 6-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a permanent asphalt pavement on a 6-inch concrete foundation on 75th street from 13th avenue to 15th avenue."

Adopted by the Local Board of the Flatbush District on the 2d day of July, 1913, Commissioner Pounds and Aldermen Bosse, Esterbrook and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on July 12, 1913.

L. H. POUNDS, President, Borough of Brooklyn.

Report No. 12904. July 21, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on May 15, 1913, and in accordance with a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on October 9, 1912, preliminary authorization was given for paving with asphalt (preliminary pavement) 75th street from 13th avenue to 15th avenue.

The work was estimated to cost about $16,000, and the assessed valuation of the land to be benefited was stated to be $166,200.

75th street has been laid out to have a width of 100 feet and will probably become a thoroughfare of considerable importance. To adequately provide for heavy vehicular traffic the Local Board, on July 2 last, adopted a new resolution, which is herewith transmitted, amending its original resolution by designating the proposed pavement as of a permanent character.

The work as now contemplated is estimated to cost about $18,000, but the assessed valuation of the property to be benefited is the same as that heretofore stated.

In my judgment the amendment is a proper one, and I would recommend that it be approved.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby amends resolution adopted by said Board on May 15, 1913, granting preliminary authorization for laying a preliminary asphalt pavement on a 4-inch concrete foundation on 75th street, from 13th avenue to 15th avenue, by providing instead for a permanent asphalt pavement on a 6-inch concrete foundation, the amended resolution to read as follows:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of July, 1913, and approved by the President of the Borough of Brooklyn on the 12th day of July, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby amends resolution of October 9, 1912, initiating proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on 75th street, from 13th avenue to 15th avenue, by providing instead for a permanent asphalt pavement on a 6-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a permanent asphalt pavement on a 6-inch concrete foundation on 75th street, from 13th avenue to 15th avenue";

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving and Curbing Caton Avenue from Ocean Parkway to East 5th Street, Borough of Brooklyn (Cal. No. 39).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To pave Caton avenue, from Ocean Parkway to East 5th Street and set curb where necessary, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District hereby amends resolution of January 12, 1912, initiating proceedings to set cement curb where necessary and pave with asphalt on concrete foundation on Caton avenue, from Ocean parkway to East 5th street—by providing for a preliminary asphalt pavement on a 5-inch concrete foundation, so as to make the amended resolution read as follows:

"To set cement curb where necessary and to lay a preliminary asphalt pavement on a 5-inch concrete foundation on Caton avenue from Ocean parkway to East 5th street."

Adopted by the Local Board of the Flatbush District June 2, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 13, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12841. July 11, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on June 2, 1913, initiating proceedings for paving with asphalt (preliminary pavement), and curbing where necessary, Caton avenue from Ocean Parkway to East 5th street.

This resolution affects one block or a little less than 300 feet of Caton avenue, which the Corporation Counsel has advised is dedicated to public use. The street is graded, curbed and flagged; the abutting property is partially improved; and all of the subsurface construction has been provided for. The curbing in this block of Caton avenue is generally in a broken down condition and where no longer serviceable will be replaced.

The work is estimated to cost about $3,100, and the assessed valuation of the land to be benefited is $113,600.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 13th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby amends resolution of January 12, 1912, initiating proceedings to set cement curb where necessary and pave with asphalt on concrete foundation on Caton avenue, from Ocean parkway to East 5th street, by providing for a preliminary asphalt pavement on a 5-inch concrete foundation, so as to make the amended resolution read as follows:

"To set cement curb where necessary and to lay a preliminary asphalt pavement on a 5-inch concrete foundation on Caton avenue, from Ocean parkway to East 5th street;"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Troutman Street, from Irving Avenue to St. Nicholas Avenue, Borough of Brooklyn (Cal. No. 40).

The Secretary presented the following resolution of the Local Board of the Bushwick District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Bushwick District.

Whereas, A petition for a local improvement, to wit: To amend resolution of April 16, 1913, initiating proceedings to lay a preliminary asphalt pavement on Troutman street, from Irving avenue to a point 150 feet, more or less, east of St. Nicholas avenue, by providing separately for the portion of Troutman street, between Irving avenue and St. Nicholas avenue, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Bushwick District hereby initiates proceedings to lay a preliminary asphalt pavement on a 5-inch concrete foundation on Troutman street, from Irving avenue to St. Nicholas avenue.

Adopted by the Local Board of the Bushwick District on the 28th day of May, 1913, Commissioner Pounds and Alderman Velten voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 4, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12850. July 11, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Bushwick District, Borough of Brooklyn, adopted on May 28, 1913, initiating proceedings for paving with asphalt (preliminary pavement) Troutman street from Irving avenue to St. Nicholas avenue.

This resolution affects two blocks or about 1,300 feet of Troutman street, title to which has been legally acquired. The street is graded, curbed, and flagged; the abutting the property is partially improved; and all of the sub-surface construction has been provided.

The work is estimated to cost about $8,600, and the assessment valuation of the land to be benefited is $124,200.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Bushwick District, duly adopted by said Board on the 28th day of May, 1913, and approved by the President of the Borough of Brooklyn on the 4th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Bushwick District hereby initiates proceedings to lay a preliminary asphalt pavement on a 5-inch concrete foundation on Troutman street, from Irving avenue to St. Nicholas avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving East 15th Street, from Ditmas Avenue to a Line about 150 Feet South of Newkirk Avenue, Borough of Brooklyn (Cal. No. 41).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, A petition for a local improvement, to wit: To pave with asphalt on concrete foundation East 15th street, from Ditmas avenue to a point about 100 feet southerly of Newkirk avenue, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on East 15th street, from Ditmas avenue to a line about 150 feet south of Newkirk avenue; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Flatbush District on the 10th day of July, 1912, Commissioner Pounds and Aldermen Bosse, Esterbrook and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on May 1, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12880. July 18, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on July 10, 1912, initiating proceedings for paving with asphalt (preliminary pavement) East 15th street from Ditmas avenue to a line about 150 feet south of Newkirk avenue.

A proceeding for acquiring title to this street from Foster avenue to Ditmas avenue, together with a number of other streets, was instituted by the Board of Estimate and Apportionment on October 22, 1909. The oaths of the Commissioners of Estimate and Assessment were filed on June 27, 1913, and title to the land can be vested in the City at any time.

The resolution now presented affects a little less than two blocks or about 800 feet of East 15th street. The street is graded, curbed and flagged excepting for a distance of about 150 feet on each side of Newkirk avenue, where it is only roughly in use. A number of buildings have been erected upon the abutting property and all of the subsurface construction has been provided. Preliminary authorization was recently given for completing the work of grading, and there would therefore seem to be no reason to defer the consideration of the paving.

The work is estimated to cost about $4,900, and the assessed valuation of the land to be benefited is $184,300.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract, with the understanding that the construction will then be authorized if the grading work has been provided for.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The folowing was oiered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 10th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 1st day of May, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on East 15th street from Ditmas avenue to a line about 150 feet south of Newkirk avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 73d Street, from 10th Avenue to 11th Avenue, Borough of Brooklyn (Cal. No. 42).

The Secretary presented the following resolution of the Local Board of the Bay Ridge District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Bay Ridge District.

Whereas, A petition for a local improvement, to wit: To amend resolution of February 7, 1912, initiating proceedings to pave 73d street with asphalt on concrete foundation, between 10th and 11th avenues, by providing for a preliminary or permanent asphalt pavement, has been received by the President of the Borough of Brooklyn; and,

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and,

Whereas, The said petition was duly submitted thereafter to the said Local Board; now, therefore, it is

Resolved, That the Local Board of the Bay Ridge District hereby amends resolution of February 7, 1912, initiating proceedings to pave 73d street with asphalt on concrete foundation, between 10th and 11th avenues, by providing for a preliminary asphalt pavement on a 5-inch concrete foundation, so as to make the resolution read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 73d street, between 10th avenue and 11th avenue."

Adopted by the Local Board of the Bay Ridge District on the 28th day of May, 1913, Commissioner Pounds and Aldermen Molen, Kenney and Dunn voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 18, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12886. July 18, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Bay Ridge District, Borough of Brooklyn, adopted on May 28, 1913, initiating proceedings for paving with asphalt (preliminary pavement) 73d street, from 10th avenue to 11th avenue.

This resolution affects one long block of 73d street, title to which has been legally acquired. The street is graded, curbed, and flagged; the abutting property is partially improved, and all of the subsurface construction has been provided for.

The work is estimated to cost about $5,400, and the assessed valuation of the land to be benefited is $74,400.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Bay Ridge District, duly adopted by said Board on the 28th day of May, 1913, and approved by the President of the Borough of Brooklyn on the 18th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Bay Ridge District hereby amends resolution of February 7, 1912, initiating proceedings to pave 73d street with asphalt on concrete foundation, between 10th and 11th avenues, by providing for a preliminary asphalt pavement on a 5-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 73d street, between 10th avenue and 11th avenue,"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 58th Street, from New Utrecht Avenue to 16th Avenue, Borough of Brooklyn (Cal. No. 43).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Whereas, a petition for a local improvement, to wit: To pave with asphalt the roadway of Fifty-eighth street, from New Utrecht to Sixteenth avenues, has been received by the President of the Borough of Brooklyn; and

Whereas, He has appointed a time for a meeting of this Local Board, at which meeting the said petition would be submitted by him to the said Local Board; and

Whereas, The said petition was duly submitted thereafter to the said Local Board; now therefore it is

Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on 58th street, from New Utrecht avenue to 16th avenue; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Flatbush District on the 10th day of July, 1912, Commissioner Pounds and Aldermen Bosse, Esterbrook and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 7, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12954. July 26, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on July 10, 1912, initiating proceedings for paving with asphalt (preliminary pavement) 58th street from New Utrecht avenue to 16th avenue.

This resolution affects three blocks or about 1,800 feet of 58th street, which the Corporation Counsel has previously advised is dedicated to public use. The roadway is approximately graded, the abutting property is partially improved, and all of the subsurface construction has been provided for. A grading improvement affecting the street between the limits named was recently authorized, and the work of construction is at the present time in progress. Only a small amount of excavation is involved, and for this reason there would seem to be no reason to defer the consideration of the paving.

The work is estimated to cost about $11,500, and the assessed valuation of the land to be benefited is $264,000.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Brooklyn has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 10th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 7th day of June, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on 58th street, from New Utrecht avenue to 16th avenue."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Brooklyn to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Brooklyn has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF THE BRONX.

(Preliminary Authorization.)

Regulating and Grading West 234th Street, from Kingsbridge Avenue to a Point 150 Feet West of Tibbett Avenue, Borough of The Bronx (Cal. No. 44).

The Secretary presented the following resolution of the Local Board of the Van Courtlandt District, Borough of The Bronx, and report of the Chief Engineer:

In Local Board of Van Courtlandt, 25th District, Borough of The Bronx.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of The Bronx; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same, and give a full hearing thereon; now therefore it is

Resolved, By the Local Board of Van Courtlandt, 25th District, Borough of The Bronx, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating, grading, setting curb stones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary, in West 234th street from Kingsbridge avenue to 150 feet west of Tibbett avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of Van Courtlandt, 25th District, on the 29th day of April, 1913. Alderman Wilmot, Alderman Weil and Alderman Hamilton, and the President of the Borough of The Bronx voting in favor thereof. Negative, none.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 3d day of May, 1913.

CYRUS C. MILLER, President of the Borough of The Bronx.

Report No. 12931. July 24, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Van Courtlandt District, Borough of The Bronx, adopted on April 29, 1913, initiating proceedings for grading, curbing and flagging West 234th street from Kingsbridge avenue to a point 150 feet west of Tibbett avenue.

This resolution affects a little less than three blocks or about 700 feet of West 234th street, title to which has been acquired by deed of cession. In the block between Kingsbridge avenue and Corlear avenue the roadway is approximately graded and the abutting property is here partially improved. In the remaining portion of the distance the street is not in use.

The work is estimated to cost about $13,700, and the assessed valuation of the property to be benefited is $71,750.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of The Bronx has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Van Courtlandt District, duly adopted by said Board on the 29th day of April, 1913, and approved by the President of the Borough of The Bronx on the 3d day of May, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, setting curb stones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary, in West 234th street, from Kingsbridge avenue to 150 feet west of Tibbett avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of The Bronx to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of The Bronx has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Building Steps in the Unnamed Street, from Rogers Place at East 165th Street Westwardly to East 165th Street, Borough of The Bronx (Cal. No. 45).

The Secretary presented the following resolution of the Local Board of the Crotona District, Borough of The Bronx, and report of the Chief Engineer:

In Local Board of Crotona, 24th District, Borough of The Bronx.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of The Bronx; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now therefor it is

Resolved, By the Local Board of Crotona, 24th District, Borough of The Bronx, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating, grading, setting curb stones, flagging the sidewalks, laying crosswalks, building approaches, erecting fences where necessary and building steps and appurtenances where required in unnamed street, from Rogers place and East 165th street westwardly to 165th street, together with all work incidental thereto, in the Borough of The Bronx, City of New York; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of Crotona, 24th District, on the 9th day of June,

1913, Aldermen Herbst and the Commissioner of Public Works, acting as President of the Borough of The Bronx, voting in favor thereof. Negative—None.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 14th day of June, 1913.

CYRUS C. MILLER, President of the Borough of The Bronx.

Report No. 12878. July 18, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Crotona District, Borough of The Bronx, adopted on June 9, 1913, initiating proceedings for grading, curbing, flagging and building steps in the unnamed street from Rogers place at East 165th street westwardly to East 165th street.

This resolution affects one block or a little less than 200 feet of the unnamed street, title to which has been legally acquired. The street is only roughly in use and the abutting property is almost entirely unimproved. On the northerly side the entire frontage is occupied by a small public park. The grades established for the street are too steep to permit of its use for vehicular traffic, and for this reason steps are to be provided.

The work is estimated to cost about $5,000, and the assessed valuation of the property to be benefited is $589,400.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of The Bronx has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Crotona District, duly adopted by said Board on the 9th day of June, 1913, and approved by the President of the Borough of The Bronx on the 14th day of June, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, setting curb stones, flagging the sidewalks, laying crosswalks, building approaches, erecting fences where necessary and building steps and appurtenances where required in unnamed street from Rogers place and East 165th street westwardly to 165th street, together with all work incidental thereto, in the Borough of The Bronx, City of New York."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of The Bronx to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of The Bronx has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Virginia Avenue, from the Public Place at Westchester Avenue to Ludlow Avenue, Borough of The Bronx (Cal. No. 46).

The Secretary presented the following resolution of the Local Board of the Chester District, Borough of The Bronx, and report of the Chief Engineer:

In the Local Board of Chester, 23d District, Borough of The Bronx.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of The Bronx; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board, at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same, and give a full hearing thereon; now therefore it is

Resolved, By the Local Board of Chester, 23d District, Borough of The Bronx, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating, grading, setting curbstones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary in Virginia avenue, from the Public Place at the intersection of Westchester avenue and 177th street to Ludlow avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York, and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of Chester, 23d District, on the 4th day of February, 1913, Alderman O'Neil, Alderman Mulligan and the President of the Borough of The Bronx voting in favor thereof. Negative—None.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 5th day of February, 1913.

CYRUS C. MILLER, President of the Borough of The Bronx.

Report No. 12720. June 12, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Chester District, Borough of The Bronx, adopted on February 4, 1913 initiating proceedings for grading, curbing and flagging Virginia avenue from the Public Place at Westchester avenue to Ludlow avenue.

A proceeding for acquiring title to this street between the limits named was instituted by the Board of Estimate and Apportionment on March 7, 1912. The oaths of the Commissioners of Estimate and Assessment were filed on May 22, 1913, and title to the land can be vested in the City at any time.

The resolution now presented affects nine blocks or a little less than one-half mile, comprising the entire length of Virginia avenue. A narrow roadway is in use through the greater portion of the distance, and a few buildings have been erected upon the abutting property.

The work is estimated to cost about $23,600, and the assessed valuation of the property to be benefited is $314,600.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of The Bronx has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Chester District, duly adopted by said Board on the 4th day of February, 1913, and approved by the President of the Borough of The Bronx on the 5th day of February, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, setting curbstones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary in Virginia avenue, from the Public Place at the intersection of Westchester avenue and 177th street to Ludlow avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of The Bronx to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of The Bronx has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF QUEENS.

(Preliminary Authorization.)

Sewer in Harsell Street, from East River to Hamilton Street, and in Hamilton Street, from Harsell Street to Payntar Avenue, Borough of Queens (Cal. No. 47).

(On May 29, 1913, this matter was laid over for two weeks, on June 12 for one week, on June 19 for one week, on June 26 for one week and on July 3 it was laid over until July 31, 1913.)

The President of the Borough of Queens offered the following:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 5th day of November, 1908, and approved by the President of the Borough of Queens on the 5th day of November, 1908, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To construct a sewer and appurtenances in Harsell street, from the East River to Hamilton street, and in Hamilton street, from Harsell street to Payntar avenue, in the 1st Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Sherman Street, from Payntar Avenue to the Crown About 330 Feet Northerly Therefrom, Borough of Queens (Cal. No. 48).

(On May 29, 1913, this matter was laid over for two weeks, on June 12 for one week, on June 19 for one week, on June 26 for one week and on July 3 it was laid over until July 31, 1913.)

The President of the Borough of Queens offered the following:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 15th day of November, 1912, and approved by the President of the Borough of Queens on the 12th day of December, 1912, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To construct a sewer and appurtenances in Sherman street from Payntar avenue to the crown about 330 feet north of Payntar avenue, 1st Ward, of the Borough of Queens,"

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Corona Avenue, from Junction Avenue to Toledo Avenue, Together With a Temporary Sanitary Sewer in Junction Avenue, from Maurice Avenue to Corona Avenue, Borough of Queens (Cal. No. 49).

The Secretary presented the following resolution of the Local Board of the Newtown District, Borough of Queens, and report of the Chief Engineer:

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens; and,

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would

be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and,

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now, therefore, it is

Resolved, By the Local Board of the Newtown District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For the construction of a temporary dry weather flow sewer and appurtenances in Junction avenue from Maurice avenue to Corona avenue, and a sewer and appurtenances in Corona avenue from Junction avenue to Toledo avenue, with a temporary connection for the dry weather flow only at Junction avenue, 2d Ward, of the Borough of Queens; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District on the 13th day of December, 1912, Aldermen Gelbke and O'Connor, and Denis O'Leary, Commissioner of Public Works, voting in favor thereof.

Attest: JOSEPH FLANAGAN, Secretary.

Approved June 25, 1913.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12934. July 24, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on December 13, 1912, initiating proceedings for constructing a sewer in Corona avenue, from Junction avenue to Toledo avenue, together with a temporary sanitary sewer in Junction avenue, from Maurice avenue to Corona avenue.

This resolution affects three blocks, or about 1,300 feet of Corona avenue, and two blocks, or about 400 feet of Junction avenue, each of which streets is, in the opinion of the Corporation Counsel, dedicated to a sufficient width to permit of carrying out the desired improvement.

An opening proceeding relating to Corona avenue between limits including the section now under consideration, is at the present time in progress, but has not advanced sufficiently to permit of vesting title to the land in the City. In view, however, of the opinion cited, it will not be necessary to defer the consideration of the sewer inmprovement.

The streets are in use and the abutting property in each case is partially improved. In Corona avenue the central portion of the roadway is occupied by a double track trolley railroad. The sewer will outlet into the existing sewer in Junction avenue, with a temporary outfall at the Newtown Disposal Plant.

The work is estimated to cost about $7,100, and the assessed valuation of the property to be benefited is $178,250.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 13th day of December, 1912, and approved by the President of the Borough of Queens on the 25th day of June, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said Local improvement, to wit:

"For the construction of a temporary dry weather flow sewer and appurtenances in Junction avenue from Maurice avenue to Corona avenue, and a sewer and appurtenances in Corona avenue from Junction avenue to Toledo avenue, with a temporary connection for the dry weather flow only at Junction avenue, 2d Ward, of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Payntar Avenue, from Hamilton Street to Sherman Street, and in the Boulevard, from Payntar Avenue to the Crown Northerly Therefrom, Borough of Queens (Cal. No. 50).

(On May 29, 1913, this matter was laid over for two weeks, on June 12, for one week, on June 19 for one week, on June 26 for one week and on July 3, it was laid over until July 31, 1913.)

The President of the Borough of Queens offered the following:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 16th day of June, 1911, and approved by the President of the Borough of Queens on the 20th day of June, 1911, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For the construction of a sewer and appurtenances in Payntar avenue, from Hamilton street to Sherman street, and in the Boulevard, from Payntar avenue to the crown north of Payntar avenue, 1st Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Toledo Street, from Queens Boulevard to Corona Avenue, Together With Temporary Connection for the Dry Weather Flow at the Intersections With Maurice Avenue, Horton Street and Ivy Street, Borough of Queens (Cal No. 51).

The Secretary presented the following resolution of the Local Board of the Newtown District, Borough of Queens, and report of the Chief Engineer:

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now therefore it is

Resolved, by the Local Board of the Newtown District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, That the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For the construction of a sewer and appurtenances in Toledo street, from Queens boulevard to Corona avenue, with temporary dry weather flow connections at Maurice avenue, Horton street and Ivy street, 2d Ward of the Borough of Queens; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District on the 14th day of June, 1912, Aldermen Dujat, Gelbke and O'Connor, and Denis O'Leary, Commissioner of Public Works, voting in favor thereof.

Attest: JOSEPH FLANAGAN, Secretary.

Approved June 20, 1912.

MAURICE E. CONNOLLY, President, Borough of Queens.

Report No. 12912. July 22, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on June 14, 1912, initiating proceedings for constructing a sewer in Toledo street from Queens Boulevard to Corona avenue, together with temporary connections for the dry weather flow at the intersection with Maurice avenue, Horton street and Ivy street.

A proceeding for acquiring title to this street from South Railroad avenue to Queens Boulevard, together with a number of other streets, was instituted by the Board of Estimate and Apportionment on May 4, 1911. The oaths of the Commissioners of Estimate and Assessment were filed on Februrary 18, 1913, and title to the land can be vested in the City at any time.

The resolution now presented affects thirteen blocks or about 3,500 feet of Toledo street. The street is in use only north of Justice street where a few houses have been erected upon the abutting property. The outlet sewer is built.

The work is estimated to cost about $18,500, and the assessed valuation of the property to be benefited is $633,592.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 14th day of June, 1912, and approved by the President of the Borough of Queens on the 20th day of June, 1912, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For the construction of a sewer and appurtenances in Toledo street, from Queens boulevard to Corona avenue, with temporary dry weather flow connections at Maurice avenue, Horton street and Ivy street, 2d Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Crescent Street from Newtown Avenue to Flushing Ave: Borough of Queens (Cal. No. 52).

The Secretary presented the following resolution of the Local Board of the Newtown District, Borough of Queens, and report of the Chief Engineer:

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice, and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now, therefore, it is

Resolved, That the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: To regulate, grade, curb and flag, together with all work incidental thereto, in Crescent street, from Newtown avenue to Flushing avenue, 1st Ward of the Borough of Queens, and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District, on the 15th day of September, 1911, Aldermen Ehntholt, Brady and Dujat, and Walter H. Bunn, Commissioner of Public Works, voting in favor thereof.

Attest: JOHN N. BOOTH, Secretary.

Approved September 22, 1911.

LAWRENCE GRESSER, President of the Borough of Queens.

Report No. 12637. May 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on September 15, 1911, initiating proceedings for grading, curbing and flagging Crescent street from Newtown avenue to Flushing avenue.

Title to this street as originally laid out has been legally acquired. Subsequent to the date of vesting title to the street a map was approved under which the street where it adjoins Newtown avenue on the north was deflected slightly to the west, and information is presented with the papers showing that title to the additional area outside of the former street lines, which is now needed for street purposes, has been ceded to the City by the property owners.

The resolution now presented affects one block or a little less than 400 feet of Crescent street. The street is not in use but the property abutting on the westerly side is largely occupied by buildings which front also on the intersecting streets.

The work is estimated to cost about $2,700, and the assessed valuation of the property to be benefited is $115,450.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 15th day of September, 1911, and approved by the President of the Borough of Queens on the 22d day of September, 1911, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To regulate, grade, curb and flag, together with all work incidental thereto, in Crescent street, from Newtown avenue to Flushing avenue, 1st Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Guttering Prospect Avenue, from Madison Street to Putnam Avenue, Borough of Queens (Cal. No. 53).

The Secretary presented the following resolution of the Local Board of the Newtown District, Borough of Queens, and report of the Chief Engineer:

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice, and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now, therefore, it is

Resolved, by the Local Board of the Newtown District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, That the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating, grading, curbing, flagging (where not already done to grade and in good condition), and paving gutters, together with all work incidental thereto, in Prospect avenue, from Madison street to Putnam avenue, 2d Ward of the Borough of Queens; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District on the 6th day of June, 1913, Aldermen Gelbke, Dujat and O'Connor, and Joseph Flanagan, Commissioner of Public Works, voting in favor thereof.

Attest: HUGH HALL, Secretary.

Approved June 13, 1913.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12852. July 11, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on June 6, 1913, initiating proceedings for grading, curbing, flagging and guttering Prospect avenue from Madison street to Putnam avenue.

This resolution affects one short block of Prospect avenue, title to which has been legally acquired. A narrow roadway is in use and a number of buildings have been erected upon the abutting property. Two of these at Putnam avenue fall within the street lines.

The work is estimated to cost about $2,400, and the assessed valuation of the property to be benefited is $33,200.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 6th day of June, 1913, and approved by the President of the Borough of Queens on the 13th day of June, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, curbing, flagging (where not already done to grade and in good condition), and paving gutters, together with all work incidental thereto, in Prospect avenue from Madison street to Putnam avenue, 2d Ward, of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Curbing and Flagging the Boulevard from Washington Avenue to Broadway, Borough of Queens (Cal. No. 54).

The Secretary presented the following resolution of the Local Board of the Newtown District, Borough of Queens, and report of the Chief Engineer:

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens, and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice, and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now, therefore, it is

Resolved, By the Local Board of the Newtown District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating, curbing and laying sidewalks (where not already laid to grade and in good condition) together with all work incidental thereto in the Boulevard from Washington avenue to Broadway, 1st Ward, of the Borough of Queens, and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District on the 6th day of June, 1913, Aldermen O'Connor, Dujat and Gelbke, and Joseph Flanagan, Commissioner of Public Works, voting in favor thereof.

Attest: HUGH HALL, Secretary.

Approved June 13, 1913.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12806. June 30, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on June 6, 1913, initiating proceedings for curbing and flagging the Boulevard from Washington avenue to Broadway.

This resolution affects five blocks, or about one-half mile, of the Boulevard, title to which has been legally acquired. The street is graded and the abutting property is partially improved.

The work is estimated to cost about $11,900, and the assessed valuation of the property to be benefited is $183,100.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 6th day of June, 1913, and approved by the President of the Borough of Queens on the 13th day of June, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, curbing and laying sidewalks (where not already laid to grade and in good condition), together with all work incidental thereto in the Boulevard from Washington avenue to Broadway, 1st Ward, of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 7th Avenue, from Broadway to Grand Avenue, Borough of Queens (Cal. No. 55).

The Secretary presented the following resolution of the Local Board of the Newtown District, Borough of Queens, and report of the Chief Engineer:

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens, and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon: now therefore, it is

Resolved, by the Local Board of the Newtown District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating and paving with a permanent pavement consisting

of sheet asphalt on a concrete foundation six inches in thickness, together with all work incidental thereto, in 7th avenue from Broadway to Grand avenue, First Ward of the Borough of Queens; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District on the 6th day of June 1913, Aldermen O'Connor, Dujat and Gelbke, and Joseph Flanagan, Commissioner of Public Works, voting in favor thereof.

Attest: HUGH HALL, Secretary.

Approved June 13, 1913.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12782. June 25, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on June 6, 1913, initiating proceedings for paving with asphalt (permanent pavement) 7th avenue, from Broadway to Grand avenue.

This resolution affects two blocks, or about 2,000 feet of 7th avenue, title to which has been legally acquired. The street is graded, curbed and flagged; a few buildings have been erected on the easterly side; and, with the exception of the gas main, all of the subsurface construction has been provided.

The work is estimated to cost about $15,600, and the assessed valuation of the property to be benefited is $231,100.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract, with the understanding that the construction will then be authorized if the gas main has been provided for.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 6th day of June, 1913, and approved by the President of the Borough of Queens on the 13th day of June, 1913, as follows, to wit:

"Resolved, that this Board does hereby initiate proceedings for the said Local improvement, to wit:

"For regulating and paving with a permanent pavement consisting of sheet asphalt on a concrete foundation six inches in thickness, together with all work incidental thereto, in 7th avenue from Broadway to Grand avenue, First Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 6th Avenue, from Broadway to Grand Avenue, Borough of Queens (Cal. No. 56).

The Secretary presented the following resolution of the Local Board of the Newtown District, Borough of Queens, and report of the Chief Engineer:

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the City Record that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now, therefore, it is

Resolved, By the Local Board of the Newtown District, pursuant to titles 2 and 3 of chapter 10, of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating and paving with a permanent pavement consisting of sheet asphalt on a concrete foundation six inches in thickness, together with all work incidental thereto, in 6th avenue from Broadway to Grand avenue, First Ward of the Borough of Queens, and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District on the 6th day of June, 1913, Aldermen O'Connor, Dujat and Gelbke and Joseph Flanagan, Commissioner of Public Works, voting in favor thereof.

Attest: HUGH HALL, Secretary.

Approved June 13, 1913.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12784. June 25, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Newtown District, Borough of Queens, adopted on June 6, 1913, initiating proceedings for paving with asphalt (permanent pavement) 6th avenue, from Broadway to Grand avenue.

This resolution affects two blocks or about 2,000 feet of 6th avenue, title to which has been legally acquired. The street is graded, curbed, and flagged, but the abutting property is entirely unimproved. With the exception of the gas main, all of the subsurface construction has been provided.

The work is estimated to cost about $15,600, and the assessed valuation of the property to be benefited is $228,750.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract, with the understanding that the construction will then be authorized if the gas main has been provided for.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 6th day of June, 1913, and approved by the President of the Borough of Queens on the 13th day of June, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating and paving with a permanent pavement consisting of sheet asphalt on a concrete foundation six inches in thickness, together with all work incidental thereto, in 6th avenue, from Broadway to Grand avenue, 1st Ward, of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF RICHMOND.

(Preliminary Authorization.)

Sanitary Sewer in Winegar Place (Knox Street), from a Point About 200 Feet South of Henderson Avenue to a Point About 110 Feet North of Market Street, Borough of Richmond.

Drainage Plan Showing Sanitary Sewer in Winegar Place (Knox Street), from a Point About 200 Feet South of Henderson Avenue to a Point About 110 Feet North of Market Street, Borough of Richmond (Cal. No. 57).

The Secretary presented the following resolution of the Local Board of the Staten Island District, Borough of Richmond, and report of the Chief Engineer:

In the Local Board of the Staten Island District, Borough of Richmond.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Richmond; and

Whereas, He has appointed a time for a meeting of the Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now therefore it is

Resolved, By the Local Board of the Staten Island District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: To construct a sanitary sewer, with the necessary appurtenances, in Winegar place (Knox street), from the end of the public sewer at a point about 200 feet south of Henderson avenue southerly to a point about 110 feet north of Market street, in the 1st Ward, Borough of Richmond; and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Staten Island District on the 24th day of June, 1913, Alderman Fink, Alderman O'Rourke, Alderman Cole, President Cromwell being present and voting in favor thereof.

Attest: MAYBURY FLEMING, Secretary.

Approved this 27th day of June, 1913.

GEORGE CROMWELL, President of the Borough of Richmond.

Report No. 12936. July 24, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Staten Island District, Borough of Richmond, adopted on June 24, 1913, initiating proceedings for constructing a sanitary sewer in Winegar Place from a point about 200 feet south of Henderson avenue to a point about 110 feet north of Market street, together with a communication from the President of the Borough, bearing date of July 2, 1913, requesting the approval of a drainage plan showing the sewer which it is desired to build.

This resolution affects one-half block or about 500 feet of Winegar place, title to which has been legally acquired. An approximately graded roadway is in use and the abutting property is partially improved. The outlet sewer is built.

The work is estimated to cost about $400, and the assessed valuation of the property to be benefited is $15,950.

In my judgment the resolution is a proper one, and I would recommend that the Borough President be authorized to have the work performed which is required prior to placing the improvement under contract.

I would also recommend the approval of the map showing the proposed sewer in Winegar place between the limits under consideration.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the drainage plan showing location, sizes and grades of sanitary sewer in Winegar place (Knox street), from the end of the existing sewer at a point about 200 feet south of Henderson avenue southerly to a point about 110 feet north of Market street, in the 1st Ward of the Borough of Richmond, bearing the signature of the President of the Borough, and dated June 30, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

Whereas, The President of the Borough of Richmond has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Staten Island District, duly adopted by said Board on the 24th day of June, 1913, and approved by the President of the Borough of Richmond on the 27th day of June, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To construct a sanitary sewer, with the necessary appurtenances, in Winegar place (Knox street), from the end of the public sewer at a point about 200 feet south of Henderson avenue southerly to a point about 110 feet north of Market street, in the 1st Ward, Borough of Richmond."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Richmond to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Richmond has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contin-

gencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF MANHATTAN.
(Final Authorization).

The Secretary presented the following report of the Chief Engineer, relating to Cal. Nos. 58 and 59:

Report No. 12925. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith are transmitted communications from the President of the Borough of Manhattan advising that all of the conditions imposed by the Board prior to the authorization of the following local improvements have been complied with:

1. Paving with asphalt (permanent pavement) and curbing and recurbing West 172d street from Audubon avenue to Broadway.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $6,300. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $25.

The work to be done comprises the following: 2,060 square yards asphalt pavement, 1,230 linear feet new and old curbing. The cost of the improvement is now estimated to be $6,400.

2. Paving with granite block (permanent pavement) and curbing and recurbing West 144th street from Riverside Drive to a point about 295 feet west of the westerly curb line of Broadway.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on July 10, 1913, at which time information was presented to show that its probable cost would be about $3,100. The Borough President states that the time to be allowed for the completion of the improvement is 15 days, and that the expense incurred for the preliminary work amounts to $15.

The work to be done comprises the following: 380 square yards granite block pavement, 220 linear feet new and old curbing. The cost of the improvement is now estimated to be $2,100.

I see no reason why the construction work required to carry out these improvements should not be authorized and would recommend such action.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

Paving, Curbing and Recurbing West 172d Street, from Audubon Avenue to Broadway, Manhattan (Cal. No. 58).

The following was offered:

A copy of a resolution of the Local Board of the Washington Heights District, duly adopted by said Board on the 22d day of April, 1913, and approved by the President of the Borough of Manhattan on the 23d day of April, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To regulate and pave with a permanent sheet asphalt pavement on concrete foundation, curb and recurb 172d street, from Audubon avenue to Broadway, and do all other necessary work incidental thereto."

—and thereupon, on the 26th day of June, 1913, resolution having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Manhattan to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Manhattan had submitted certain statements, as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Manhattan, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $6,400; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $522,000, having also been presented, it

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving, Curbing and Recurbing West 144th Street, from Riverside Drive to a Point About 295 Feet West of the Westerly Curb Line of Broadway, Manhattan (Cal. No. 59).

The following was offered:

A copy of a resolution of the Local Board of the Washington Heights District, duly adopted by said Board on the 6th day of May, 1913, and approved by the President of the Borough of Manhattan on the 7th day of May, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To regulate and pave with a permanent granite block pavement on concrete foundation, curb and recurb 144th street, from a point about 295 feet west of the westerly curb line of Broadway to the easterly house line of Riverside drive, and do all other necessary work incidental thereto."

—and thereupon, on the 10th day of July, 1913, resolution having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Manhattan to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Manhattan had submitted certain statements, as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Manhattan, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $192,000, having been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF BROOKLYN.
(Final Authorization.)

The Secretary presented the following report of the Chief Engineer, relating to Cal. Nos. 60 to 85:

Report No. 12926. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith are transmitted communications from the President of the Borough of Brooklyn, advising that all of the conditions imposed by the Board prior to the authorization of the following local improvements have been complied with:

1. Grading, curbing and flagging Hemlock street from Pitkin avenue to Sutter avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $4,400. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $45.85.

The work to be done comprises the following: 930 cubic yards excavation, 1,630 linear feet cement curbing, 8,490 square feet cement sidewalk. The cost of the improvement is now estimated to be $2,600.

2. Grading, curbing and flagging Tapscott street from East New York avenue to East 98th street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 15, 1913, at which time information was presented to show that its probable cost would be about $8,900. The Borough President states that the time to be allowed for the completion of the improvement is 60 days, and that the expense incurred for the preliminary work amounts to $148.50.

The work to be done comprises the following: 6,260 cubic yards excavation, 4,330 linear feet cement curbing, 21,900 square feet cement sidewalk. The cost of the improvement is now estimated to be $8,300.

3. Grading, curbing and flagging where necessary Avenue N from Ocean avenue to Kings Highway.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 29, 1913, at which time information was presented to show that its probable cost would be about $9,800. The Borough President states that the time to be allowed for the completion of the improvement is 50 days, and that the expense incurred for the preliminary work amounts to $161.60.

The work to be done comprises the following: 1,100 cubic yards excavation, 2,860 cubic yards filling, 3,840 linear feet cement curbing, 17,910 square feet cement sidewalk. The cost of the improvement is now estimated to be $7,100.

4. Grading, curbing and flagging 81st street from 21st avenue to Stillwell avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 15, 1913, at which time information was presented to show that its probable cost would be about $5,800. The Borough President states that the time to be allowed for the completion of the improvement is 35 days, and that the expense incurred for the preliminary work amounts to $90.84.

The work to be done comprises the following: 770 cubic yards excavation, 4,600 linear feet cement curbing, 19,780 square feet cement sidewalk. The cost of the improvement is now estimated to be $5,800.

5. Grading, curbing and flagging East 12th street from Avenue N to Avenue O.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 29, 1913, at which time information was presented to show that its probable cost would be about $3,600. The Borough President states that the time to be allowed for the completion of the improvemen is 35 days, and that the expense incurred for the preliminary work amounts to $56.81.

The work to be done comprises the following: 2,260 cubic yards filling, 1,780 linear feet cement curbing, 8,990 square feet cement sidewalk. The cost of the improvement is now estimated to be $3,800.

6. Grading, curbing and flagging where necessary East 22d street from Avenue M to Kings Highway.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 15, 1913, at which time information was presented to show that its probable cost would be about $11,100. The Borough President states that the time to be allowed for the completion of the improvement is 70 days, and that the expense incurred for the preliminary work amounts to $103.91.

The work to be done comprises the following: 1,090 cubic yards excavation, 6,220 cubic yards filling, 5,270 linear feet cement curbing, 22,340 square feet cement sidewalk. The cost of the improvement is now estimated to be $10,500.

7. Grading, curbing, flagging and paving with asphalt (preliminary pavement) East 26th street from Avenue D to Newkirk avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $3,100. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $25.06.

The work to be done comprises the following: 850 cubic yards excavation, 620 linear feet cement curbing, 2,660 square feet cement sidewalk, 970 square yards asphalt pavement. The cost of the improvement is now estimated to be $3,200.

8. Sewer in Ralph avenue from Eastern parkway to East New York avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $2,000. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $48.54.

The work to be done comprises the following: 121 linear feet 15-inch pipe sewer, 235 linear feet 12-inch pipe sewer, 3 manholes, 1 receiving basin. The cost of the improvement is now estimated to be $1,200.

9. Sewer in 18th avenue from 62d street to 63d street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $1,400. The Borough President states that the time to be allowed for the completion of the improvement is 20 days, and that the expense incurred for the preliminary work amounts to $44.17.

The work to be done comprises the following: 230 linear feet 12-inch pipe sewer, 2 manholes, 2 receiving basins. The cost of the improvement is now estimated to be $1,400.

10. Sewer in 76th street from 6th avenue to 7th avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $2,800. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $44.70.

The work to be done comprises the following: 796 linear feet 12-inch pipe sewer, 6 manholes. The cost of the improvement is now estimated to be $2,700.

11. Sewer in 78th street from 17th avenue to 18th avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment May 1, 1913, at which time information was presented to show that its probable cost would be about $4,000. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $28.33.

The work to be done comprises the following: 42 linear feet 18-inch pipe sewer, 796 linear feet 15-inch pipe sewer, 61 linear feet 12-inch pipe sewer, 8 manholes, 2 receiving basins. The cost of the improvement is now estimated to be $3,300.

12. Grading, curbing and flagging Lincoln avenue from Pitkin avenue to an old road located about 35 feet north of Hegeman avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $33,800. The Borough President states that the time to be allowed for the completion of the improvement is 200 days, and that the expense incurred for the preliminary work amounts to $97.99.

The work to be done comprises the following: 35,850 cubic yards filling, 4,820 linear feet cement curbing, 23,910 square feet cement sidewalk. The cost of the improvement is now estimated to be $34,700.

13. Grading, curbing and flagging Sutter avenue from a point 100 feet east of Crescent street to Sheridan avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $12,400. The Borough President states that the time to be allowed for the completion of the improvement is 120 days, and that the expense incurred for the preliminary work amounts to $64.84.

The work to be done comprises the following: 13,640 cubic yards filling, 1,670 linear feet cement curbing, 8,400 square feet cement sidewalk. The cost of the improvement is now estimated to be $12,700.

14. Grading, curbing and flagging 17th avenue from 79th street to 84th street.

The preliminary work for this improvement was authorized by the Board of Esti-

mate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $1,500. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $83.83.

The work to be done comprises the following: 080 cubic yards excavation, 1,800 linear feet cement curbing, 4,250 square feet cement sidewalk. The cost of the improvement is now estimated to be $2,100.

15. Grading, curbing and flagging Bay 32d street from 86th street to Cropsey avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on April 22, 1910, at which time information was presented to show that its probable cost would be about $2,500. The Borough President states that the time to be allowed for the completion of the improvement is 70 days, and that the expense incurred for the preliminary work amounts to $106.36.

The work to be done comprises the following: 4,800 cubic yards filling, 4,320 linear feet curbing, 16,340 square feet cement sidewalk. The cost of the improvement is now estimated to be $10,700

16. Grading, curbing and flagging 59th street from 13th avenue to New Utrecht avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $1,600. The Borough President states that the time to be allowed for the completion of the improvement is 25 days, and that the expense incurred for the preliminary work amounts to $26.41.

The work to be done comprises the following: 290 cubic yards filling, 1.030 linear feet curbing, 5,180 square feet cement sidewalk. The cost of the improvement is now estimated to be $2,200.

17. Grading, curbing, flagging, and paving with asphalt (preliminary pavement) 13th avenue from 65th street to 66th street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on July 10, 1913, at which time information was presented to show that its probable cost would be about $3,400. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $14.58.

The work to be done comprises the following: 450 cubic yards excavation, 420 linear feet cement curbing, 2,250 square feet cement sidewalk, 1,345 square yards asphalt pavement. The cost of the improvement is now estimated to be $3,600.

18. Grading, curbing and flagging Osborn street from Riverdale avenue to Vienna avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $17,900. The Borough President states that the time to be allowed for the completion of the improvement is 120 days, and that the expense incurred for the preliminary work amounts to $93.18.

The work to be done comprises the following: 13,320 cubic yards filling, 4,510 linear feet cement curbing, 21,820 square feet cement sidewalk. The cost of the improvement is now estimated to be $14,100.

19. Grading, curbing and flagging where necessary East 15th street from Ditmas avenue to Foster avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on July 10, 1913, at which time information was presented to show that its probable cost would be about $1,200. The Borough President states that the time to be allowed for the completion of the improvement is 25 days, and that the expense incurred for the preliminary work amounts to $42.05.

The work to be done comprises the following: 170 cubic yards filling, 670 linear feet cement curbing, 3,300 square feet cement sidewalk. The cost of the improvement is now estimated to be $1,100.

20. Grading, curbing and flagging East 10th street from Foster avenue to avenue H.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $3,700. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $55.84.

The work to be done comprises the following: 1,650 cubic yards excavation, 1,750 linear feet cement curbing, 8,670 square feet cement sidewalk. The cost of the improvement is now estimated to be $3,000.

21. Sewers in the following streets: Brooklyn avenue from Snyder avenue to Beverly road; Beverly road from Brooklyn avenue to East 35th street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $8,400. The Borough President states that the time to be allowed for the completion of the improvement is 60 days, and that the expense incurred for the preliminary work amounts to $99.17.

The work to be done comprises the following: 280 linear feet 24-inch pipe sewer, 594 linear feet 18-inch pipe sewer, 737 linear feet 12-inch pipe sewer, 14 manholes, 6 receiving basins. The cost of the improvement is now estimated to be $7,600.

22. Sewer in Bay 7th street from Benson avenue to Cropsey avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $6,500. The Borough President states that the time to be allowed for the completion of the improvement is 60 days, and that the expense incurred for the preliminary work amounts to $84.79.

The work to be done comprises the following: 43 linear feet 15-inch pipe sewer, 1,471 linar feet 12-inch pipe sewer, 16 manholes, 2 receiving basins. The cost of the improvement is now estimated to be $6,400.

23. Grading, curbing and flagging Crown street from Schenectady avenue to Utica avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $7,000. The Borough President states that the time to be allowed for the completion of the improvement is 75 days, and that the expense incurred for the preliminary work amounts to $68.51.

The work to be done comprises the following: 9,100 cubic yards excavation, 1,470 linear feet cement curbing, 7,220 square feet cement sidewalk. The cost of the improvement is now estimated to be $6,700.

24. Grading, curbing and flagging Winthrop street from New York avenue to Albany avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $9,100. The Borough President states that the time to be allowed for the completion of the improvement is 80 days, and that the expense incurred for the preliminary work amounts to $127.84.

The work to be done comprises the following: 5,740 cubic yards excavation, 1,940 cubic yards filling, 4,040 linear feet cement curbing, 19,480 square feet cement sidewalk. The cost of the improvement is now estimated to be $8,700.

25. Grading, curbing and flagging 78th street from 10th avenue to 11th avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $7,500. The Borough President states that the time to be allowed for the completion of the improvement is 120 days, and that the expense incurred for the preliminary work amounts to $51.45.

The work to be done comprises the following: 12,920 cubic yards filling, 1,420 linear feet cement curbing, 7,260 square feet cement sidewalk. The cost of the improvement is now estimated to be $10,000.

26. Grading, curbing, flagging and paving with asphalt (preliminary pavement) Caton avenue from East 4th street to East 5th street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 26, 1913, at which time information was presented to show that its probable cost would be about $2,600. The Borough President states that the time to be allowed for the completion of the improvement is 20 days, and that the expense incurred for the preliminary work amounts to $15.90.

The work to be done comprises the following: 280 cubic yards excavation, 440 linear feet cement curbing, 660 square feet cement sidewalk, 1,050 square yards asphalt pavement. The cost of the improvement is now estimated to be $2,700.

I see no reason why the construction work required to carry out these improvements should not be authorized and would recommend such action.

I would also recommend that title be vested in the City on September 2, 1913, to the following streets: Tapscott street, from Blake avenue to Clarkson avenue; Avenue N, from Ocean avenue to Kings Highway, where not already ceded, unless previously confirmed: 81st street from 21st avenue to Stilwell avenue; East 12th street from Avenue N to Avenue O, where not already ceded, unless previously confirmed; East 22d street from Avenue M to Kings highway; 76th street from 6th avenue to 7th avenue; 78th street from 10th avenue to 11th avenue and from 17th avenue to 18th avenue; Osborn street from Riverdale avenue to Vienna avenue; East 15th street from Ditmas avenue to Foster avenue.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

Regulating and Grading Hemlock Street, from Pitkin Avenue to Sutter Avenue, Brooklyn (Cal. No. 60).

The following was offered:

A copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 16th day of April, 1913, and approved by the President of the Borough of Brooklyn on the 10th day of May, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby amends resolution of March 15, 1912, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Hemlock street, between Pitkin avenue and Hegeman avenue, by excluding that portion of Hemlock street, between Sutter and Hegeman avenues, so as to make the amended rsolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Hemlock street, from Pitkin avenue to Sutter avenue,"

—and thereupon on the 26th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing, in such detail as the Board has directed, that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,600, and a statement of the assessed value, according to the last preceding tax roll, of the real estate included within the probable area of assessment, to wit, the sum of $55,525, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Tapscott Street, from East New York Avenue to East 98th Street, Brooklyn.
Vesting Title to Tapscott Street, from Blake Avenue to Clarkson Avenue, Brooklyn (Cal. No. 61).

The following was offered:

Whereas, The Board of Estimate and Apportionment, on the 10th day of April, 1908, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee, wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Ralph avenue, from Eastern parkway to East 98th street; Union street, from East New York avenue to East 98th street; Tapscott street, from East New York avenue to East 98th street; Howard avenue, from East New York avenue to East 98th street; and Grafton street, from Sutter avenue to East 98th street, Borough of Brooklyn, City of New York, which proceeding was amended December 14, 1911, so as to relate to Grafton street, from Sutter avenue to East 98th street; Ralph avenue, from Eastern parkway to East 98th street; Union street, from East New York avenue to East 98th street; Tapscott street (as now mapped), from East New York avenue to Clarkson avenue, and Howard avenue (as now mapped), from East New York avenue to East 98th street; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate and Assessment were duly filed, as required law, on the 30th day of July, 1910,

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Tapscott street, from Blake avenue to Clarkson avenue, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

A copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 5th day of December, 1912, and approved by the President of the Borough of Brooklyn on the 3d day of January, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Tapscott street, from East New York avenue to East 98th street,"

—and thereupon on the 15th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing, in such detail as the Board has directed, that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $8,300, and a statement of the assessed value, according to the last preceding tax roll, of the real estate included within the probable area of assessment, to wit, the sum of $49,000, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Avenue N from Ocean Avenue to Kings Highway, Brooklyn.
Vesting Title to Avenue N from Ocean Avenue to Kings Highway, Brooklyn (Cal. No. 62).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 15th day of January, 1909, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Avenue N from Gravesend

Avenue to Flatlands Avenue, Borough of Brooklyn, City of New York, which proceeding was amended April 18, 1912, so as to relate to East 21st street from Avenue M to a point about 70 feet south of Avenue O; East 22d street from Avenue M to Kings highway; East 23d street from Avenue M to Kings highway; East 24th street from a point 640 feet south of Avenue L to Kings highway; East 25th street from Avenue M to Kings highway; Avenue O from the westerly line of the former village of South Greenfield, at the intersection of East 23d street, to East 26th street; and Avenue N from Gravesend avenue to Flatlands avenue; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 3d day of February, 1913;

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Avenue N from Ocean avenue to Kings highway, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 5th day of June, 1912, and approved by the President of the Borough of Brooklyn on the 4th day of February, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks where not already laid on Avenue N, from Ocean avenue to Kings highway."

—and thereupon, on the 29th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the conlution having been duly complied with by the President of the Borough of Brooklyn, had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $7,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $529,700, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 81*st Street, from* 21*st Avenue to Stillwell Avenue, Brooklyn. Vesting Title to* 81*st Street, from* 21*st Avenue to Stillwell Avenue, Brooklyn* (Cal. No. 63).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 19th day of June, 1908, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending 81st street from 14th avenue to Stillwell avenue, excepting the land occupied by the tracks of the Brooklyn, Bath and West End Railroad, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said street, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 9th day of August, 1912;

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said 81st street from 21st avenue to Stillwell avenue in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 10th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 26th day of October, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on 81st street, between 21st avenue and Stillwell avenue."

—and thereupon, on the 15th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $5,800, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $196,800 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading East 12*th Street, from Avenue N to Avenue O, Brooklyn. Vesting Title to East* 12*th Street, from Avenue N to Avenue O, Brooklyn* (Cal. No. 64).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 28th day of February, 1908, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending East 12th street from Avenue H to Avenue T; East 13th street from Avenue H to Avenue T, and from Gravesend Neck road to Neptune avenue; East 14th street from Avenue D to Foster avenue; from Avenue H to Kings Highway, and from Avenue V to Gravesend Neck road; and to East 15th street from Avenue H to Kings Highway, and from Avenue V to Emmons avenue, excluding from each street the land occupied by the tracks of the Long Island Railroad, and also from East 13th street and East 15th street the land occupied by the tracks of the Brooklyn and Brighton Beach Railroad, Borough of Brooklyn, City of New York, which proceeding was amended October 17, 1912, so as to relate to the aforesaid streets as then laid out upon the map of The City of New York; and,

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 22d day of November, 1911;

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said East 12th street from Avenue N to Avenue O, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 8th day of April, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on East 12th street, between Avenues N and O."

—and thereupon, on the 29th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $3,800; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $79,900 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading East 22d Street, from Avenue M to Kings Highway, Brooklyn.

Vesting Title to East 22d Street, from Avenue M to Kings Highway, Brooklyn (Cal. No. 65).

The following was offered:

Whereas, The Board of Estimate and Apportionment, on the 15th day of January, 1909, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Avenue N from Gravesend avenue to Flatlands avenue, Borough of Brooklyn, City of New York, which proceeding was amended on April 18, 1912, so as to relate to East 21st street from Avenue M to a point about 70 feet south of Avenue O; East 22d street from Avenue M to Kings Highway; East 23d street from Avenue M to Kings Highway; East 24th street from a point 640 feet south of Avenue L to Kings Highway; East 25th street from Avenue M to Kings Highway; Avenue O from the westerly line of the former village of South Greenfield, at the intersection East 23d street, to East 26th street; and Avenue N from Gravesend avenue to Flatlands avenue; and,

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 3d day of February, 1913;

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said East 22d street from Avenue M to Kings Highway, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 14th day of November, 1912, and approved by the President of the Borough of Brooklyn, on the 20th day of December, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on East 22d street, where not already done, from Avenue M to Kings Highway";

—and thereupon, on the 15th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together wtih the preliminary expenses, will be the sum of $10,500; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $166,000 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Paving East 26th Street, from Avenue D to Newkirk Avenue, Brooklyn (Cal. No. 66).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 27th day of February, 1913, and approved by the President of the Borough of Brooklyn on the 25th day of March, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb, lay cement sidewalks and lay a preliminary asphalt pavement on a 4-inch concrete foundation on East 26th street, from Avenue D to Newkirk avenue."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $3,200; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $42,500 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Ralph Avenue, from Eastern Parkway to East New York Avenue, Brooklyn (Cal. No. 67).

The following was offered:

A copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 27th day of February, 1913, and approved by the President of the Borough of Brooklyn on the 10th day of March, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, that the Local Board of the New Lots District hereby initiates proceedings to construct a sewer in Ralph avenue, from Eastern parkway to East New York avenue."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,200; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $32,860 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in 18th Avenue, from 62d Street to 63d Street, Brooklyn (Cal. No. 68).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 27th day of February, 1913, and approved by the President of the Borough of Brooklyn on the 20th day of March, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in 18th avenue, from 62d street to 63d street."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,400; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $25,400 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in 76th Street, from 6th Avenue to 7th Avenue, Brooklyn.
Vesting Title to 76th Street, from 6th Avenue to 7th Avenue, Brooklyn (Cal. No. 69).

The following was offered:

Whereas, The Board of Estimate and Apportionment, on the 7th day of May, 1909, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending 76th street, from Narrows avenue to First avenue, from 3d avenue to 7th avenue, from Fort Hamilton avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to 22d avenue; and 77th street, from Fort Hamilton avenue to 15th avenue, from 16th avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to 22d avenue, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 7th day of March, 1912;

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said 76th street, from 6th avenue to 7th avenue, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

A copy of a resolution of the Local Board of the Bay Ridge District, duly adopted by said Board on the 28th day of May, 1913, and approved by the President of the Borough of Brooklyn on the 4th day of June, 1913, having been transmitted to the Board of Estimate and Apportionment as follows, to wit:

"Resolved, That the Local Board of the Bay Ridge District hereby initiates proceedings to construct a sewer in 76th street, between 6th and 7th avenues."

—and thereupon, on the 26th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,700, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $88,620 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in 78th Street, from 17th Avenue to 18th Avenue, Brooklyn.
Vesting Title to 78th Street, from 10th Avenue to 11th Avenue, and from 17th Avenue to 18th Avenue, Brooklyn (Cal. No. 70).

The following was offered:

Whereas, The Board of Estimate and Apportionment, on the 26th day of March, 1909, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending 78th street, from Narrows avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to Stillwell avenue, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said street, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 23d day of August, 1911;

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said 78th street, from 10th avenue to 11th avenue, and from 17th avenue to 18th avenue, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 30th day of August, 1912, and approved by the President of the Borough of Brooklyn on the 7th day of November, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in 78th street, between 17th and 18th avenues."

—and thereupon, on the 1st day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $3,300; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $211,250, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Lincoln Avenue, from Pitkin Avenue to an Old Road Located About 35 Feet North of Hegeman Avenue, Brooklyn (Cal. No. 71).

A copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 27th day of February, 1913, and approved by the President of the Borough of Brooklyn on the 10th day of May, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby amends resolution of July 10, 1912, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Lincoln avenue, between Pitkin and Hegeman avenues, by excluding therefrom that portion of Lincoln avenue between an old road about 35 feet north of Hegeman avenue and Hegeman avenue, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Lincoln avenue, from Pitkin avenue to an old road about 35 feet north of Hegeman avenue."

—and thereupon, on the 26th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that

the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $34,700; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $91,675 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby retermine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Sutter Avenue, from a Point 100 Feet East of Crescent Street to Sheridan Avenue, Brooklyn (Cal. No. 72).

The following was offered:

A copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 2d day of October, 1912, and approved by the President of the Borough of Brooklyn on the 10th day of May, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Sutter avenue, from a point 100 feet east of Crescent street to Sheridan avenue;"

—and thereupon, on the 26th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $12,700; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $69,000 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 17th Avenue, from 79th Street to 84th Street, Brooklyn. (Cal. No. 73).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 10th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 26th day of October, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District, Borough of Brooklyn, after duly advertised hearing had this 10th day of July, 1912, hereby initiates proceedings to regulate, grade set cement curb and lay cement sidewalks on 17th avenue, from 79th street to 84th street."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses will be the sum of $2,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $235,000 having also been presented, it is

Resolved, That the said resolution of the local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn. The Bronx, Queens and Richmond—16.

Regulating and Grading Bay 32d Street, From 86th Street to Cropsey Avenue (Cal. No. 74).

The following was offered:

A copy of a resolution of the Local Board of the Bay Ridge District, duly adopted by said Board on the 31st day of October, 1906, and approved by the President of the Borough of Brooklyn on the 12th day of December, 1906, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Bay Ridge District, Borough of Brooklyn, this 31st day of October, 1906, hereby initiates proceedings to regulate, grade, set curb on concrete and lay cement sidewalks on Bay 32d street, between 86th street and Cropsey avenue,"

—and thereupon, on the 22d day of April, 1910, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $10,700; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $40,200, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 59th Street, From 13th Avenue to New Utrecht Avenue, Brooklyn (Cal. No. 75).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 5th day of June, 1912, and approved by the President of the Borough of Brooklyn on the 19th day of February, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set curb on concrete and lay cement sidewalks on 59th street, between 13th and New Utrecht avenues,"

—and thereupon, on the 26th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,200; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $67,900, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Paving 13th Avenue, From 65th Street to 66th Street, Brooklyn (Cal. No. 76).

The following was offered:

A copy of a resolution of the Local Boards of the Bay Ridge and Flatbush Districts, duly adopted by said Boards on the 20th day of June, 1912, and approved by the President of the Borough of Brooklyn on the 5th day of July, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Boards of the Bay Ridge and Flatbush Districts hereby amend resolution of March 14, 1912, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks and pave with asphalt on concrete foundation, 13th avenue, from 65th street to 66th street, by providing for a preliminary asphalt pavement on a 4-inch concrete foundation, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb, lay cement sidewalks and lay a preliminary asphalt pavement on a 4-inch concrete foundation on 13th avenue, from 65th street to 66th street,"

—and thereupon, on the 10th day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $3,600; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $50,200, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Osborn Street, from Riverdale Avenue to Vienna Avenue, Brooklyn.

Vesting Title to Osborn Street, from Riverdale Avenue to Vienna Avenue, Brooklyn (Cal. No. 77).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 26th day of January, 1911, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Thatford avenue, from Riverdale avenue to Stanley avenue, and Osborn street, from Riverdale avenue to Vienna avenue, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 1st day of February, 1912;

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Osborn street, from Riverdale avenue to Vienna avenue, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

A copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 15th day of March, 1912, and approved by the President of the Borough of Brooklyn on the 24th day of September, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby amends resolution of June 1, 1908, initiating proceedings to regulate, grade, set medina or bluestone curb and lay cement sidewalks on Osborn street, between Riverdale avenue and Avenue D, excepting the portion of Osborn street occupied by the Long Island Railroad, and to construct necessary box culverts, by excluding therefrom the portion of Osborn street, between Vienna avenue and Avenue D, and by providing for cement curb, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Osborn street, between Riverdale avenue and Vienna avenue."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board

of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $14,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $115,700, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading East 15th Street, from Ditmas Avenue to Foster Avenue, Brooklyn.

Vesting Title to East 15th Street, from Ditmas Avenue to Foster Avenue, Brooklyn (Cal. No. 78).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 22d day of October, 1909, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Lawrence avenue, from 47th street to Ocean parkway; Newkirk avenue, from Ocean parkway to East 17th street; East 13th street, from Ditmas avenue to Foster avenue; East 15th street, from Ditmas avenue to Foster avenue, and 3d street, from 18th avenue to Foster avenue, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 27th day of June, 1913.

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said East 15th street, from Ditmas avenue to Foster avenue, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 14th day of March, 1912, and approved by the President of the Borough of Brooklyn on the 1st day of May, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks, where not already done, on East 15th street, from Ditmas avenue to Foster avenue."

—and thereupon, on the 10th day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $184,300, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading East 10th Street, from Foster Avenue to Avenue H, Brooklyn (Cal. No. 79).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 25th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 1st day of August, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on East 10th street, from Foster avenue to Avenue H."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $3,000; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $82,100, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Brooklyn Avenue, from Snyder Avenue to Beverly Road; Beverly Road, from Brooklyn Avenue to East 35th Street, Brooklyn (Cal. No. 80).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 8th day of March, 1909, and approved by the President of the Borough of Brooklyn on the 26th day of March, 1909, having been transmited to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District, Borough of Brooklyn, after duly advertised hearing had this 8th day of March, 1909, hereby initiates proceedings to construct an outlet sewer in Brooklyn avenue, between Tilden avenue and Beverly road, and in Beverly road, between Brooklyn avenue and East 35th street, and a tributary sewer in Brooklyn avenue, between Snyder and Tilden avenues."

—and thereupon, on the 26th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $7,600; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $60,550, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Bay 7th Street, from Benson Avenue to Cropsey Avenue, Brooklyn (Cal. No. 81).

The following was offered:

A copy of a resolution of the Local Boards of the Bay Ridge and Flatbush Districts, duly adopted by said Boards on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 8th day of April, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Boards of the Bay Ridge and Flatbush Districts hereby initiate proceedings to construct sewers in Bay 7th street, from Benson avenue to Cropsey avenue, with temporary connection at Cropsey avenue."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $6,400; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $134,036, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Crown Street, from Schenectady Avenue to Utica Avenue, Brooklyn (Cal. No. 82).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 12th day of April, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Crown street, from Schenectady avenue to Utica avenue."

—and thereupon, on the 26th day of June, 1913, resolution having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements, as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing, in such detail as the Board has directed, that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $6,700, and a statement of the assessed value, according to the last preceding tax roll, of the real estate included within the probable area of assessment, to wit, the sum of $53,450, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Winthrop Street, from New York Avenue to Albany Avenue, Brooklyn (Cal. No. 83).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 8th day of March, 1909, and approved by the President of the Borough of Brooklyn on the 26th day of March, 1909, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Winthrop street, between New York and Albany avenues,"

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements, as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing, in such detail as the Board has directed, that the cost of

the proposed work or improvement, together with the preliminary expenses, will be the sum of $8,700, and a statement of the assessed value, according to the last preceding tax roll, of the real estate included within the probable area of assessment, to wit, the sum of $52,800, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 78th Street, from 10th Avenue to 11th Avenue, Brooklyn (Cal. No. 84).

The following was offered:

A copy of a resolution of the Local Board of the Bay Ridge District, duly adopted by said Board on the 25th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 26th day of October, 1912, having been transmitted to the Board of Estimate and Apportionment as follows, to wit:

"Resolved, That the Local Board of the Bay Ridge District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on 78th street, between 10th and 11th avenues,"

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements, as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing, in such detail as the Board has directed, that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $10,000, and a statement of the assessed value, according to the last preceding tax roll, of the real estate included within the probable area of assessment, to wit, the sum of $48,200, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed up the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Paving Caton Avenue, from East 4th Street to East 5th Street, Brooklyn (Cal. No. 85).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 25th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 9th day of January, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District, hereby initiates proceedings to regulate, grade, set cement curb, lay cement sidewalks where necessary and lay a preliminary asphalt pavement on a 4-inch concrete foundation on Caton avenue, from East 4th street to East 5th street."

—and thereupon, on the 26th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,700 and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $47,450 having also been presented it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 75th Street, from 13th Avenue to 15th Avenue, Brooklyn.

Vesting Title to 75th Street, from 13th Avenue to 14th Avenue, Brooklyn (Cal. No. 86).

The Secretary presented the following report of the Chief Engineer:

Report No. 12929. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the President of the Borough of Brooklyn advising that all of the conditions which it is the practice of the Board to impose prior to the final authorizaton of local mprovements have been complied with in the matter of paving with asphalt (permanent pavement) 75th street, from 13th avenue to 15th avenue.

The Borough President states that the time to be allowed for the completion of the improvement is 35 days and that the expense incurred for the preliminary work amounts to $12.93.

The work to be done comprises the laying of 8,025 square yards of asphalt pavement at an estimated cost of $18,400.

On May 15, 1913, the Board of Estimate and Apportionment granted the preliminary authorization for a similar improvement in this street between the same limits, but at that time the pavement was designated as of a preliminary character. A report recommending the amendment of the resolution of May 15 in such a way as to designate the pavement as permanent is now before the Board awaiting consideration. Assuming that it will meet with approval, there seems to be no reason to prevent the final authorization now requested and such action is recommended.

It is also recommended that title be vested in the City on September 2, 1913, to 75th street, from 13th avenue to 14th avenue. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 26th day of March, 1909, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending 72d street from Fort Hamilton avenue to 13th avenue, and from 17th avenue to 22d avenue; 73d street from 10th avenue to 13th avenue; 74th street from 10th avenue to 11th avenue, from 16th avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to 22d avenue; and 75th street from 10th avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to 22d avenue, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 22d day of November, 1911;

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of Section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said 75th street from 13th avenue to 14th avenue, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of July, 1913, and approved by the President of the Borough of Brooklyn on the 12th day of July, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, that the Local Board of the Flatbush District hereby amends resolution of October 9, 1912, initiating proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on 75th street from 13th avenue to 15th avenue by providing instead for a permanent asphalt pavement on a 6-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a permanent asphalt pavement on a 6-inch concrete foundation on 75th street from 13th avenue to 15th avenue."

—and

Whereas, On the 15th day of May, 1913, and the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $18,400; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $166,200, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The Secretary presented the following report of the Chief Engineer, relating to Cal. Nos. 87 to 95.

Report No. 12927. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith are transmitted communications from the President of the Borough of Brooklyn advising that all of the conditions which it is the practice of the Board to impose prior to the final authorization of local improvements have been complied with in the matter of the following:

1. Grading, curbing and flagging Lincoln Place from Howard avenue to East New York avenue.

The Borough President states that the time to be allowed for the completion of this improvement is 20 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 120 cubic yards filling, 710 linear feet cement curbing, 2,800 square feet cement sidewalk. The cost of the improvement is now estimated to be $1,000.

2. Grading, curbing and flagging 85th street from 23d avenue to Stillwell avenue.

The Borough President states that the time to be allowed for the completion of this improvement is 140 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 20,180 cubic yards filling, 3,720 linear feet cement curbing, 17,930 square feet cement sidewalk. The cost of the improvement is now estimated to be $17,200.

3. Paving with asphalt (preliminary pavement) 73d street from 10th avenue to 11th avenue.

The Borough President states that the time to be allowed for the completion of this improvement is 30 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the laying of 2,435 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $5,400.

4. Grading, curbing and flagging 23d avenue from 79th street to 86th street.

The Borough President states that the time to be allowed for the completion of this improvement is 80 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 7,820 cubic yards filling, 3,080 linear feet cement curbing, 15,660 square feet cement sidewalk. The cost of the improvement is now estimated to be $9,000.

5. Sewer in Robinson street from Bedford avenue to Rogers avenue.

The Borough President states that the time to be allowed for the completion of this improvement is 35 days. No charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 45 linear feet 15-inch pipe sewer, 912 linear feet 12-inch pipe sewer, 7 manholes, 1 receiving basin. The cost of the improvement is now estimated to be $3,300.

6. Sewer in East 35th street from Clarendon road to Canarsie lane.

The Borough President states that the time to be allowed for the completion of this improvement is 30 days. No charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 40 linear feet 15-inch pipe sewer, 338 linear feet 12-inch pipe sewer, 4 manholes, 1 receiving basin. The cost of the improvement is now estimated to be $1,300.

7. Paving withh asphalt (preliminary pavement) 58th street from New Utrecht avenue to 16th avenue.

The Borough President states that the time to be allowed for the completion of this improvement is 30 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the laying of 5,890 square yards asphalt pavement. The cost of the improvement is now estimated to be $11.800.

8. Grading, curbing, flagging and paving with asphalt (preliminary pavement) Newkirk avenue from East 34th street to Brooklyn avenue.

The Borough President states that the time to be allowed for the completion of this improvement is 30 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 250 cubic yards excavation, 640 cubic yards filling, 960 linear feet cement curbing, 4,560 square feet cement sidewalk, 2,240 square yards asphalt pavement. The cost of the improvement is now estimated to be $6,300.

9. Grading, curbing, flagging, and paving with granite block (permanent pave-

ment) Franklin street from a point about 140 feet east of North 13th street eastwardly a distance of about 110 feet.

The Borough President states that the time to be allowed for the completion of this improvement is 60 days, and that no charges have been made against the Street Improvement Fund.

The work to be done comprises the following: 300 cubic yards filling, 225 linear feet curbing, 1,125 square feet cement sidewalk, 255 square yards granite block pavement. The cost of the improvement is now estimated to be $1,800.

Reports recommending the preliminary authorization of these improvements have already been prepared and are now before the Board for consideration. Assuming that they will meet with approval, there seems to be no reason to prevent the final authorization now requested, and such action is recommended.

It is also recommended that title be vested in the City on September 2, 1913, to Newkirk avenue from East 34th street to East 35th street.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

Regulating and Grading Lincoln Place from Howard Avenue to East New York Avenue, Brooklyn (Cal. No. 87).

The following was offered:

A copy of a resolution of the Local Board of the New Lots District, duly adopted by said Board on the 2d day of July, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of July, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the New Lots District hereby amends resolution of December 16, 1908, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Lincoln Place between Eastern Parkway and East New York avenue, by excluding that portion of Lincoln place between Eastern Parkway and Howard avenue, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Lincoln place, between Howard avenue and East New York avenue";

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionmetn an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,000; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $58,700 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 85th Street from 23d Avenue to Stillwell Avenue, Brooklyn (Cal. No. 88).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of April, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on 85th street, from 23d avenue to Stillwell avenue";

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment(and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $17,200; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $114,650 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 73d Street from 10th Avenue to 11th Avenue, Brooklyn (Cal. No. 89).

The following was offered:

A copy of a resolution of the Local Board of the Bay Ridge District, duly adopted by said Board on the 28th day of May, 1913, and approved by the President of the Borough of Brooklyn on the 18th day of June, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, that the Local Board of the Bay Ridge District hereby amends resolution of February 7, 1912, initiating proceedings to pave 73d street with asphalt on concrete foundation, between 10th and 11th avenues, by providing for a preliminary asphalt pavement on a 5-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 73d street, between 10th avenue and 11th avenue."

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $5,400, and a statement of the assessed value according to the last preceeding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $74,400, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 23d Avenue from 79th Street to 86th Street, Brooklyn (Cal. No. 90).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 25th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 26th day of October, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, that the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on 23d avenue, from 79th street to 86th street."

—and thereupon, on the 31st day of July, 1913, resolutions having been adpoted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of th proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $9,000, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $440,400, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Robinson Street from Bedford Avenue to Rogers Avenue, Brooklyn (Cal. No. 91).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 11th day of April, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in Robinson street from Bedford avenue to Rogers avenue."

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $3,300, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $315,540, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in East 35th Street, from Clarendon Road to Canarsie Lane, Brooklyn (Cal. No. 92).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 20th day of June, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in East 35th street, from Clarendon road to Canarsie lane."

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,300; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $35,200, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 58th Street, from New Utrecht Avenue to 16th Avenue, Brooklyn (Cal. No. 93).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 10th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 7th day of June, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to lay a preliminary asphalt pavement on a four-inch concrete foundation on 58th street, from New Utrecht avenue to 16th avenue."

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the

Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $11,800; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $264,000, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Paving Newkirk Avenue, from East 34th Street to Brooklyn Avenue, Brooklyn.

Vesting Title to Newkirk Avenue, from East 34th Street to East 35th Street, Brooklyn (Cal. No. 94).

The following was offered:

Whereas, The Board of Estimate and Apportionment, on the 4th day of May, 1911, adopted a resolution requesting the Corporation Counsel to institute proceedings to acquire title, in fee wherever the same has not heretofore been acquired, for the use of the public, to the lands, tenements and hereditaments that shall or may be required for the purpose of opening and extending Newkirk avenue, from Nostrand avenue to Brooklyn avenue, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate and Assessment have been appointed by the Supreme Court, in proceedings to acquire title to said street, and the oaths of said Commissioners of Estimate and Assessment were duly filed as required by law on the 25th day of July, 1912.

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 990 of the Greater New York Charter, as amended, directs that upon the 2d day of September, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Newkirk avenue, from East 34th street to East 35th street, in the Borough of Brooklyn, City of New York, so required, shall be vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 2d day of June, 1913, and approved by the President of the Borough of Brooklyn on the 13th day of June, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to regulate, grade, set curb, lay cement sidewalks and lay a preliminary asphalt pavement on a four-inch concrete foundation on Newkirk avenue, from East 34th street to Brooklyn avenue.

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as prvided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $6,300; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $38,450, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading and Paving Franklin Street, from a Point about 140 Feet East of North 13th Street, Eastwardly a Distance of About 110 Feet, Brooklyn (Cal. No. 95).

The following was offered:

A copy of a resolution of the Local Board of the Williamsburg District, duly adopted by said Board on the 20th day of June, 1912, and approved by the President of the Borough of Brooklyn on the 25th day of June, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Williamsburg District hereby amends resolution of March 14, 1912, initiating proceedings to regulate, grade, set stone curb on concrete, lay cement sidewalks and pave with granite that portion of Franklin street now occupied by a bridge beginning at a point about 140 feet east of North 13th street, and extending easterly a distance of 110 feet more or less, by providing for a permanent granite pavement, so as to make the amended resolution read as follows:

"To regulate, grade, set stone curb on concrete, lay cement sidewalks and lay a permanent granite pavement on that portion of Franklin street now occupied by a bridge beginning at a point about 140 feet east of North 13th street, and extending easterly a distance of 110 feet more or less."

—and thereupon, on the 31st day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn, to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,800; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $101,000, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby

This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF QUEENS.

(Final Authorization.)

The Secretary presented the following report of the Chief Engineer, relating to Cal. Nos. 96 to 100.

Report No. 12928. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith are transmitted communications from the President of the Borough of Queens advising that all of the conditions imposed by the Board prior to the authorization of the following local improvements have been complied with:

1. Grading Skillman place, from Hunter avenue to Jackson avenue; curbing and flagging the northerly side of Skillman place, from Hunter avenue to Jackson avenue, and grading, curbing and flagging Hunter avenue, from Skillman place to Academy street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment under a resolution adopted on May 18, 1911, and amended on May 29, 1913, at which time information was presented to show its probable cost would be about $2,600. The Borough President states that the time to be allowed for the completion of the improvement is 40 days, and that the expense incurred for the preliminary work amounts to $60.42.

The work to be done comprises the following: 200 cubic yards excavation; 300 cubic yards filling (excess), 900 linear feet cement curbing, 4,700 square feet cement sidewalk. The cost of the improvement is now estimated to be $2,000.

2. Paving with asphalt (permanent pavement) Norman street, from Wyckoff avenue to Cypress avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 15, 1913, at which time information was presented to show that its probable cost would be about $6,700. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $12.10.

The work to be done comprises the laying of 2,600 square yards asphalt pavement.

The cost of the improvement is now estimated to be $6,100.

3. Paving with asphalt block (permanent pavement) Prospect street, from Freeman avenue to Webster avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on April 17, 1913, at which time information was presented to show that its probable cost would be about $6,200. The Borough President states that the time to be allowed for the completion of the improvement is 30 days, and that the expense incurred for the preliminary work amounts to $101.09.

The work to be done comprises the laying of 1,900 square yards of asphalt block pavement.

The cost of the improvement is now estimated to be $5,600.

4. Sewer in Ditmars avenue, from Crescent street to the East River.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 9, 1913, at which time information was presented to show that its probable cost would be about $6,000. The Borough President states that the time to be allowed for the completion of the improvement is 90 days, and that the expense incurred for the preliminary work amounts to $26.69.

The work to be done comprises the following: 60 linear feet 18-inch cast iron pipe sewer, 1,956 linear feet 12-inch vitrified pipe sewer, 16 manholes, 7 receiving basins. The cost of the improvement is now estimated to be $8,100.

5. House connecting drains in George street, from Wyckoff avenue to Cypress avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 12, 1913, at which time information was presented to show that its probable cost would be about $600. The Borough President states that the time to be allowed for the completion of the improvement is 15 days, and that the expense incurred for the preliminary work amounts to $17.93.

The work to be done comprises the laying of 400 linear feet 6-inch pipe for house connections.

The cost of the improvement is now estimated to be $500.

I see no reason why the construction work required to carry out these improvements should not be authorized and would recommend such action.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

Grading Skillman Place, from Hunter Avenue to Jackson Avenue; Curbing and Flagging the Northerly Side of Skillman Place, from Hunter Avenue to Jackson Avenue, and Grading, Curbing and Flagging Hunter Avenue, from Skillman Place to Academy Street, Queens (Cal. No. 96).

The following was offered:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 4th day of April, 1913, and approved by the President of the Borough of Queens on the 23d day of April, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating and grading in Skillman place from Jackson avenue to Hunter avenue, and in Hunter avenue, from Skillman place to Academy street, and curbing and laying sidewalks on the northerly side of Skillman place, from Jackson avenue to Hunter avenue, and on both sides of Hunter avenue, from Skillman place to Academy street, 1st Ward of the Borough of Queens, together with all work incidental thereto."

—and

Whereas, On the 18th day of May, 1911, and the 29th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,000, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $86,250, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Norman Street, from Wyckoff Avenue to Cypress Avenue, Queens (Cal. No. 97).

The following was offered:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 7th day of February, 1913, and approved by the President of the Borough of Queens on the 21st day of February, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating and paving with a permanent pavement consisting of sheet asphalt on a concrete foundation and all work incidental thereto, in Norman street from Wyckoff avenue to Cypress avenue, 2d Ward of the Borough of Queens."

—and thereupon, on the 15th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the con-

struction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $6,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $58,300 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Prospect Street, from Freeman Avenue to Webster Avenue, Queens (Cal. No. 98).

The following was offered:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 12th day of July, 1912, and approved by the President of the Borough of Queens on the 24th day of July, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For paving with a permanent pavement, consisting of asphalt block on a concrete foundation six inches in thickness, the roadway of Prospect street, from Freeman avenue to Webster avenue, together with all work incidental thereto, 1st Ward of the Borough of Queens."

—and thereupon, on the 17th day of April, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $5,600; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $40,175 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Ditmars Avenue, from Crescent Street to the East River, Queens (Cal. No. 99).

The following was offered:

A copy of a rsolution of the Local Board of the Newtown District, duly adopted by said Board on the 20th day of September, 1912, and approved by the President of the Borough of Queens on the 2d day of October, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For the construction of a sewer and appurtenances in Ditmars avenue from the East River to Crescent street, 1st Ward of the Borough of Queens."

—and thereupon, on the 9th day of January, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $8,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $332,141 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

House Connecting Drains in George Street, from Wyckoff Avenue to Cypress Avenue, Queens (Cal. No. 100).

The following was offered:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 13th day of December, 1912, and approved by the President of the Borough of Queens on the 8th day of January, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To lay six-inch pipe for house connecting drains where not already laid from the sewer to the curb line in George street, from Wyckoff avenue to Cypress avenue, 2d Ward of the Borough of Queens."

—and thereupon, on the 12th day of June, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $500; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $155,000 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

LOCAL IMPROVEMENTS—BOROUGH OF RICHMOND.
(Final Authorization.)

Temporary Combined Sewer in Maryland Avenue from the Staten Island Rapid Transit Railroad to Tompkins Avenue, Richmond (Cal. No. 101).

The Secretary presented the following report of the Chief Engineer:

Report No. 12940. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the President of the Borough of Richmond, advising that all of the conditions imposed by the Board prior to the authorization of the following local improvement have been complied with:

Temporary combined sewer in Maryland avenue, from the Staten Island Rapid Transit Railroad to Tompkins avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 1, 1913, at which time information was presented to show that its probable cost would be about $2,200. The Borough President states that the time to be allowed for the completion of the improvement is 28 days, and that the expense incurred for the preliminary work amounts to $60.02.

The work to be done comprises the following: 165 linear feet 12-inch vitrified pipe sewer; 501 linear feet 10-inch vitrified pipe sewer; 3 manholes.

The cost of the improvement is now estimated to be $2,100.

I see no reason why the construction work required to carry out this improvement should not be authorized, and would recommend such action.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

A copy of a resolution of the Local Board of the Staten Island District, duly adopted by said Board on the 11th day of March, 1913, and approved by the President of the Borough of Richmond on the 12th day of March, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"To construct a temporary combined sewer, with the necessary appurtenances, in Maryland avenue, from the Staten Island Rapid Transit Railroad to Tompkins avenue, in Sewerage District No. 6C, in the Fourth Ward, Borough of Richmond,"

—and thereupon on the 1st day of May, 1913, resolution having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Richmond to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Richmond has submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Richmond, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $2,100; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $16,550, having also been presented; and

Whereas, It has become necessary to construct this temporary combined sewer, with the necessary appurtenances, for the purpose of preventing damage to property, or to abate a nuisance, and it is impracticable to proceed immediately to the construction of the same in accordance with any plan already adopted, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fixing the Roadway Width of Lewis Place, From Coney Island Avenue to Stratford Road, Borough of Brooklyn (Cal. No. 102).

The Secretary presented the following resolution of the Local Board of the Flatbush District, Borough of Brooklyn and report of the Chief Engineer:

In the Local Board of the Flatbush District.

Resolved, That the Local Board of the Flatbush District, Borough of Brooklyn, after duly advertised hearing, had this 2d day of June, 1913, hereby recommends to the Board of Estimate and Apportionment that the roadway width of Lewis place, between Coney Island avenue and Stratford road, be fixed at 24 feet.

Adopted by the Local Board of the Flatbush District on the 2d day of June, 1913, Commissioner Pounds and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 20, 1913.

L. H. POUNDS, Acting President, Borough of Brooklyn.

Report No. 12844. July 8, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on June 2, 1913, recommending that the roadway width of Lewis place from Coney Island avenue to Stratford road be fixed at 24 feet.

This street has been laid out upon the City map to have a width of 50 feet and has a length of one block, or about 300 feet. Under the general ordinance the street should have a roadway 30 feet wide.

With the papers is submitted a communication from the Chief Engineer of the Highway Bureau, in which it is shown that a large number of trees will be destroyed if the curbing is set in its present legal position, and that at Coney Island avenue and at Stratford road curb returns have been set looking to the provision of a 24-foot roadway. The street is deemed of an unimportant character, and it is desired that existing conditions be legalized.

I can see no objection to the proposed treatment, and would recommend the adoption of a resolution fixing the roadway width of Lewis place between the limits named at 24 feet, the roadway to be centrally located. Respectfully,

ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved by the Board of Estimate and Apportionment of The City of New York, That the width of the roadway of Lewis place, from Coney Island avenue to Stratford road, Borough of Brooklyn, is hereby established at 24 feet; said roadway to be centrally located.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Improving Traffic Conditions on West 79th Street, Between Broadway and the North River, Borough of Manhattan. (Cal. No. 103).

Rearrangement of Committee on Terminal Improvements—Composition of Committee on the West Side Railroad and Terminal Improvements, Boroughs of Manhattan and The Bronx—Composition of the Committee on the South Brooklyn Terminal Improvements, Borough of Brooklyn (No. 103A).

Appointment of Committee on the Extension of Riverside Drive, Borough of Manhattan (No. 103B).

The President of the Borough of Manhattan stated that the resignation of Hon.

John Purroy Mitchel, as President of the Board of Aldermen, necessitated a rearrangement of the Committee on Terminal Improvements of the Board, and suggested that the references to said Committee be divided. He therefore moved that the Committee on the West Side Railroad and Terminal Improvements consist of the President of the Borough of Manhattan, the Comptroller, the President of the Borough of The Bronx, the Commissioner of Docks and the Chief Engineer of the Board, and that the Committee on the South Brooklyn Terminal Improvements consist of the Comptroller, the President of the Board of Aldermen, the President of the Borough of Brooklyn, the Commissioner of Docks and the Chief Engineer of the Board.

Which motion was carried by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

His Honor the Mayor announced that he had appointed the President of the Borough of Manhattan, the Comptroller and the President of the Borough of The Bronx, as the Committee on the Extension of Riverside Drive, pursuant to a motion adopted at the meeting of the Board on July 10, 1913, referring the matter to a Committee of three to be appointed by the Mayor.

The President of the Borough of Manhattan moved that the Chief Engineer of the Board be added to the Committee.

Which motion was carried by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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In connection with the matter of improving traffic conditions on West 79th street, Borough of Manhattan (Cal. No. 103), the Secretary then presented the following:

City of New York, Office of the President of the Borough of Manhattan, City Hall, July 9, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—At a meeting of the Local Board of the Riverside District, held Tuesday, July 8, a hearing was given upon a petition from property owners and residents on 79th street, asking that some plan be devised for the relief of traffic on that street between Broadway and the North River. Several methods for relieving the situation were discussed, and at the close of the hearing a motion was carried referring the entire matter without recommendation to the Board of Estimate and Apportionment.

A copy of the petition in the matter is enclosed. Yours very truly,

LOUIS GRAVES, Secretary.

PETITION.

In the Matter of the Traffic Conditions Existing in That Part of West 79th Street Lying Between Broadway and the Riverside Drive, Borough of Manhattan, City of New York, N. Y.

To the Hon. NILES R. BECKER, *Hon.* DANIEL M. BEDELL, *Hon.* WILLIAM D. BRUSH, *the Local Board of Aldermen of the 15th, 17th and 19th Districts, Borough of Manhattan, City of New York, N. Y., and Hon.* GEORGE MCANENY, *President of the Borough of Manhattan, City of New York, N. Y.:*

We, your petitioners, whose names are hereunto subscribed, complaining of the traffic conditions existing in that part of West 79th street lying between Broadway and the Riverside drive, Borough of Manhattan, City of New York, N. Y., do respectfully show to this Honorable Board:

1. That now and for many years past all the trucking to and from the piers or docks situate near West 79th street and the Hudson River, in the Borough of Manhattan, City of New York, has been confined to that part of West 79th street lying between Broadway and the Riverside drive. That this is due to a rule or regulation of the Park Department, which prohibits trucks from passing up or down the Riverside drive, though such trucks are permitted to cross Riverside drive at the intersection thereof with the westerly end of said West 79th street.

2. That the conformation of said West 79th street is such that there is a very sharp downward grade from West End avenue to the Riverside drive and from thence such trucks are obliged to follow a very sharp downward course across the Riverside Park and also across the four tracks of the New York Central & Hudson River Railroad, along which trains are constantly passing. That the place where such passageway crosses said tracks is what is commonly known as a grade crossing.

3. That both sides of that part of said West 79th street lying between Broadway and the Riverside drive have been improved by the erection of costly apartment houses and private residences, whereby the values assessable for purposes of taxation have been greatly increased, and that there are now no vacant lots, stores or places of business therein, excepting only the Colonial Bank in the "Apthorp" at the southwesterly corner of Broadway, and that but for such traffic conditions therein, such part of said West 79th street would be one of the most beautiful and important residence streets of the West Side.

4. That the following objections exist to such exclusive use of such part of West 79th street for the purpose of such trucking, viz.:

(a) That by reason of the fact that all such trucking, both to and from said piers or docks, is confined to that part of West 79th street lying between Broadway and the Riverside drive, the same is very greatly congested and there is constant conflict of traffic therein, and the families residing on both sides of such part of said West 79th street are subjected to an undue burden of noise and disturbance incident to such trucking, and they have great difficulty and often incur no little danger in leaving or approaching their homes in carriages or automobiles.

(b) That by reason of the steep grade downward from West End avenue to the Hudson River, loaded trucks approaching said piers or docks are unable to stop or readily slow up as they reach the Riverside drive, and that there is constant and serious danger of collisions between such trucks and the streams of busses, carriages and automobiles which are constantly passing up and down the Riverside drive at that point.

(c) That because of the steep grade downward from West End avenue to the Hudson River, the horses attached to such loaded trucks approaching said piers or docks via such part of said West 79th street are unable, even with the help of the brakes on such trucks, to hold the same back, and that consequently the drivers are compelled to and commonly do turn their front wheels in against the curbing along the northerly side of such part of said West 79th street, and let their front wheels scrape against said curbing all the way down to the Riverside drive. That by reason thereof the families residing along the northerly side of such part of said West 79th street not only have great difficulty in even approaching their residences in carriages and automobiles, but that the same are often unable to stand even for a brief period. That as carriages and other conveyances draw up in front of the residences there is constant danger of their being run down by heavily loaded trucks descending the hill, as such trucks are very apt to gain such momentum that the drivers cannot readily stop them. That the numerous delivery wagons employed by the business concerns which are constantly delivering goods, wares and merchandise to the families residing along the northerly side of such part of said 79th street, are constantly subjected to the same dangers and difficulties. That the grinding noises made by the wheels of such trucks as they scrape along the said curbing, are very harassing and disturbing to the families residing in such part of said West 79th street.

(d) That by reason of said traffic conditions the horses drawing such trucks are often subjected to great sufferings, both in ascending and descending, especially when the street is icy or slippery and in hot weather. That the shouts of the truck drivers and the lashing of the horses and their apparent sufferings are sounds and sights to which the many young children of the families residing on both sides of said street should not be subjected unnecessarily.

(e) That it is often necessary to spread sand or gravel on such part of said West 79th street, so that such trucks can ascend and descend therein, and that such sand and gravel is constantly blown into the eyes, nostrils and mouths of residents and passersby, as well as into the houses and apartments along said West 79th street.

(f) That by reaon of the momentum which such trucks acquire as they descend the steep grade downward from West End avenue to the Hudson River, they are unable to readily stop or even slow up, and, therefore, there is constant danger of serious accidents by reason of the collision of such trucks with the New York Central trains.

(g) That it is impossible for one team of two horses to haul up said ascent a load of such weight as one team can haul after reaching the level of West End avenue, and that the truckmen have therefore adopted and commonly employ the expedient of attaching an extra team ahead of the regular team in order to negotiate said ascent. That a truck and two teams thus driven tandem take up a great deal of space, and that when there are a great many of such double headers in said street as there are much of the time, the said street is so filled up and occupied thereby, that it is almost impossible for the residents to cross said street or obtain exit from or access to their homes without great loss of time spent in looking for openings through which they can dodge between such teams, and with no little danger to life and limb.

(h) That of late motor engines are being used by some of the trucking companies which are engaged in transporting materials to and from said piers or docks, via such part of said West 79th street, in dragging their trucks up the said ascent, and that the noise and chugging of such engines is very harassing and almost unbearable to the families which reside along such part of said West 79th street.

5. That your petitioners respectfully submit that some practical plan could and should be devised whereby relief can be had in the premises, and to that end your petitioners respectfully suggest that the City Engineers be called to take part in any hearings or consultations which may be had herein.

6. That some of your petitioners are owners of real estate and buildings situate on both sides of such part of said West 79th street, and pay taxes thereon; that some are engaged in such trucking to and from said piers or docks; that some are heads of families residing along said street; that some are persons who desire to rescue the horses employed in such trucking from the sufferings to which they are subjected by reason of said traffic conditions, and that all of your petitioners are interested in such part of said street or in the traffic conditions existing therein.

Wherefore, Your petioners pray that an inquiry and a hearing or hearings be had in respect of the said traffic conditions, and all other matters referred to herein, and that proper means be speedily taken to remedy said traffic conditions, and that all the owners of real estate on both sides of those parts of West 77th, 78th, 79th, 80th, 81st and 82d streets, lying between Broadway and the Riverside Drive, may be given due notice of such hearing or hearings and that your petitioners may have such other or further relief as to this honorable Board may seem proper, reserving to your petitioners the right to adduce at such hearing or hearings any further facts and make further proper objections, either orally or in writing, and to suggest such plan or plans for the relief of said traffic conditions as to them may seem proper or likely to be helpful in the premises.

Dated New York, June 18, 1913.

Name and Address.	Assessed Value.
Carvert Holding Company, Inc., by E. S. Brickner, Vice-President and Treasurer, 314-320 West 87th street—Owner of 316-320 West 79th street, 12-story apartment, 65 by 102½, 24 families:	
Land	$65,000 00
Building	235,000 00
	$300,000 00
William J. Stitt, 745 Broadway—Owner of 310, 312, 314 West 79th street, 12-story apartment, 65 by 102½, 24 families:	
Land	$65,000 00
Building	235,000 00
	$300,000 00
Hewitt Realty Company, 50 Church street, by D. Lamb, Secretary—Owner of 400, 402, 404, 406 West End avenue; 267-269 West 79th street:	
Land and building	$425,000 00
W. B. Franke Realty Company, by D. Lamb, treasurer, 400 West End avenue—Owner of 401, 403, 405, 407 West End avenue; 305 West 79th street:	
Land and building	$425,000 00

Richard Deeves & Son, Inc., Mason, Builders and General Contractors, Langdon Building, 305, 309 Broadway, New York, July 7, 1913.

The New York Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—As one of the property owners on the west side of the City, I most emphatically and earnestly protest against dissevering Riverside Park by putting more streets to the river.

In the laying out of Riverside Drive, 79th street was the designated roadway to the river front and ultimately there was to be a viaduct over this street.

There are too many at present working to destroy this park—the grandest and most beautiful park in the world.

Very truly yours, RICHARD DEEVES.

Office of Commissioner of Public Works, Borough of Manhattan, 21 Park Row, New York City, July 24, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—I beg to transmit herewith letter received by President McAneny from Park Commissioner Stover relative to the proposed improvement of traffic conditions on 79th street, between Broadway and the Hudson River.

This matter is now pending in the Board of Estimate and Apportionment, and Mr. Stover's communication is transmitted for such attention as may be necessary.

Very truly yours, HENRY JAY CASE, Secretary.

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, July 12, 1913.

Hon. GEORGE MCANENY, *President, Borough of Manhattan:*

Dear President McAneny—My attention was called to a subject discussed this week at a meeting of a local improvement board and affecting Riverside Park, namely, the proposal to construct a new road through Riverside Park from the Drive to the water-front, midway between 81st and 82d streets, 79th street (now the street of approach to the water-front) to be reclaimed by the Park Department, between the Drive and the water-front.

This matter has been thoroughly considered by our new Landscape Architect, Mr. Carl D. Pilat, and myself. We have together gone over the ground, and prior to this week's meeting of the local improvement board we agreed in thinking that the Park Department should oppose this alteration. I have just been informed by Mr. Pilat, who attended the meeting at my request, that in my absence (I being detained here by business) he had failed to inform the local improvement board of the attitude of the Park Department.

I beg leave, therefore, to inform you that the Park Department is opposed to such a new roadway through Riverside Park. Yours very truly,

CHARLES B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

Report No. 12955. July 26, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the Secretary to the President of the Borough of Manhattan, bearing date of July 9, 1913, advising that the Local Board of the Riverside District has given consideration to a petition from property owners on West 79th street for an improvement of the traffic conditions on this street between Broadway and the North River, and that after considering several methods for relieving the situation the matter had been referred to the Board of Estimate and Apportionment without recommendation.

In the petition to which the Secretary refers, it is alleged that under the rules of the Park Department the use of Riverside Drive is prohibited for trucking, thus forcing traffic to the piers at the foot of West 79th street to continue along the line of this street in the section between Riverside Drive and Broadway, and that the abutting property is occupied by apartment houses and private residences, the owners of which object to the existing conditions on the ground that the use of the street has resulted in a congestion of traffic with an undue burden of noise and disturbance incidental to trucking, with a liability to accident and inconvenience to local users as well as a danger to the through traffic by reason of the steep gradients at the Riverside Drive intersection and at the New York Central Railroad grade crossing.

In further support of the local objections the property owners state that in order to overcome the steep grades the truckmen make use of the curbs as brakes, thereby preventing automobiles, carriages and delivery wagons from standing in front of residences, and adding to the noise which is otherwise incident to traffic of this character; that the grades require the use of extra teams with a resulting increase in the amount of roadway space devoted to trucking use; that the sanding of the

street to assist heavily loaded vehicles in overcoming the steep grades is objectionable to residents and passersby; and that the use of motor trucks occasions a noise which is harassing and unbearable. No plan is suggested by the petitioners for meeting the objections noted, but request is made that some means be devised for affording relief.

I am informally advised that the Local Board has given consideration to a number of plans, these including the use of adjoining streets where an easier gradient can be obtained as a substitute for West 79th street with provision for a new street to cross the railroad in place of West 79th street, as well as a tunnel for trucking use in this street.

As now in use the street has a grade of about 8.3 per cent. between the New York Central Railroad and Riverside Drive, of about 6.7 per cent. between Riverside Drive and West End avenue, and of about 1 per cent. between the latter street and Broadway.

Under the plans which have been proposed for removing the New York Central Railroad from the surface, it is proposed to carry West 79th street over the railroad with a comparatively flat grade between Riverside Drive and the crossing, descending southwardly to the water front on a ramp adjoining the railroad on its westerly side with a grade of about 5 per cent.

West 79th street has a width of 100 feet. As heretofore improved the roadway in the block between Broadway and West End avenue, and between Riverside Drive and the railroad is about 60 feet wide, contracting to 40 feet in the block between West End avenue and Riverside Drive. Under the plans for the railroad improvement it is proposed to give the roadway a width of 35 feet in the section where the ramp is located with a sidewalk on one side having a width of 10 feet. An inspection of the ground shows that between Broadway and Riverside Drive, encroachments in the shape of steps and fences occupy about 6 feet of the sidewalk space in each block, and that between West End avenue and Riverside Drive a considerable portion of the sidewalk space to a width of 10 feet adjoining the curb has been fenced off in grass plots, which it is assumed have been planned for the purpose of enclosing trees. The adjoining streets to the north and to the south have a width of 60 feet, and no provision is made for access to the property on the westerly side of the railroad north of the 60th street yard in this vicinity other than at West 79th street and West 96th street, the latter also having a width of 100 feet.

It is evident that if the waterfront in this vicinity should be subjected to a commercial development of any magnitude the conditions now complained of would be decidedly aggravated. It is also evident that the diversion of traffic to some other street would only result in a transfer of the complaint to the locality selected and that if two such streets were selected with provision for regulating traffic so that it would have only one direction, the resulting condition in each by reason of their lesser width, would be closely identical with that which now obtains in West 79th street, while at the same time such diversion would clearly result in a greater interference with Riverside Drive traffic than is now the case.

I believe that some relief might be afforded if provision were made for the removal of encroachments and for the creation of a central roadway to be devoted to trucking use, with side roadways for the local service, these being separated by a mall. Such a plan might be based on providing a sidewalk width of say 14 feet on each side of the street, with 16 feet assigned to each of the service roadways, 30 feet to the central roadway, and 5 feet to each of the malls.

Another method of removing to some extent the occasion for complaint would be through the construction of a depressed roadway in the center of the street in the section west of Broadway, this being placed in tunnel in the block between West End avenue and Riverside Drive, the grade at the latter intersection being such as to permit of retaining the present railroad grade crossing and at the same time susceptible of adaptation to conform with the grade change which will be required when the bridge is built over the railroad. Such a tunnel would have a maximum grade of about 6 per cent. and might have a width of about 30 feet.

I would suggest that a public hearing be given in the matter in order that the merits of these plans may be considered and to receive such other suggestions as may be offered by the property owners. In case the tunnel project should be adopted, the expense incurred for its construction could properly be made a charge upon the locality benefited.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

On motion of the President of the Borough of Manhattan, the matter was referred to the Committee on West Side Railroad and Terminal Improvements, consisting of the President of the Borough of Manhattan, the Comptroller, the President of the Borough of The Bronx, the Commissioner of Docks and the Chief Engineer of the Board.

Regulating and Grading West 134th Street, from Broadway to 12th Avenue, and Constructing a Viaduct in this Street, Between Riverside Drive and a Point 200 Feet East of 12th Avenue, Borough of Manhattan (Cal. No. 104).

The Secretary presented the following:

City of New York, Office of the President of the Borough of Manhattan, City Hall, July 28, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, Manhattan:

Dear Sir—This letter is to confirm my request made of your office by telephone on Saturday, that you place on the Board of Estimate calendar for July 31 the resolution of the Local Board which provides for the regulating and grading of West 134th street, between Broadway and Riverside Drive. This resolution was sent to your office on July 18. I understand that in the ordinary course it would not appear upon the calendar until it had been reported upon by the Engineer of the Board. The matter has, however, already been twice referred to the Engineer in slightly different form, and the suggestion is now made that it be placed upon the calendar and referred in the first instance to a committee of the Board to be appointed by the Mayor. This suggestion is made with the concurrence of Mr. Tuttle, and I trust that you will place the matter upon the calendar accordingly.

Very truly yours, E. V. FROTHINGHAM, Acting President.

In the Local Board of the Washington Heights District.

Resolved, That the resolution adopted by this Board on February 25, 1913, as follows:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: To regulate, grade, curb and flag 134th street between Broadway and Riverside Drive, including the construction of a steel viaduct with appurtenances connecting with Riverside Drive and extending for a distance of approximately 200 feet easterly thereof, with all necessary retaining walls, guard rails and fences; also a low level street in West 134th street, from 12th avenue to a line 200 feet easterly thereof, and all other necessary work incidental thereto, upon condition that the cost of the viaduct be borne by the Borough of Manhattan, and that the remaining cost of the improvement be assessed locally upon the property deemed to be benefited."

—be and the same is hereby amended so as to read:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: To regulate, grade, curb and flag 134th street between Broadway and Riverside Drive, including the construction of a steel viaduct with appurtenances connecting with Riverside Drive, and extending for a distance of approximately 200 feet easterly thereof, with all necessary retaining walls, guard rails and fences; also a low level street in West 134th street, from 12th avenue to a line 200 feet easterly thereof, and all other necessary work incidental thereto; and it is hereby further

Resolved, That this Board recommends to the Board of Estimate and Apportionment that, because of the peculiar and unusual conditions existing in this street, the cost of the viaduct and its appurtenances, exclusive of the abutment, be borne by the Borough of Manhattan; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval."

A true copy of a resolution adopted by the Local Board of the Washington Heights District at a meeting held on July 15, 1913.

LOUIS GRAVES, Secretary.

Approved this 16th day of July, 1913.

GEORGE McANENY, President, Borough of Manhattan.

On motion of the President of the Borough of Manhattan, the matter was referred to the Committee on the Extension of Riverside Drive, consisting of the President of the Borough of Manhattan, the Comptroller, the President of the President of the Borough of The Bronx, and the Chief Engineer of the Board.

Changing Grade of Duffys Hill, Lexington Avenue and 102d Street, Borough of Manhattan (Cal. No. 105).

The Secretary presented the following communication:

228 East 123d Street, New York, July 24, 1913.

Board of Estimate, New York City:

Gentlemen—Permit me to submit to you a suggestion of greatest importance.

Duffy's Hill, at Lexington avenue and 102d street, is a menace to life and property, also an absolute obstruction to vehicular traffic going north or south—Duffy's Hill is now being excavated for the subway, giving the City an opportunity to lessen the grade.

This grade should be extended into the next block, viz.: 101st street and Lexington avenue.

The sidewalks could remain as they are by fencing them in with iron railings. One Hundred and Second street by itself at this point will become sensibly lower, and will also be used for traffic.

Trusting you will give this matter serious and speedy consideration, I remain, gentlemen, Very respectfully yours, DAVID WELTSCH.

On motion, the matter was referred to the President of the Borough of Manhattan.

Application for Permission to Erect a Monument to the Spanish-American War Veterans in the Plaza at East 137th Street, 3d and Lincoln Avenues, Borough of The Bronx (Cal. No. 106).

The Secretary presented the following report of the President of the Borough of The Bronx:

City of New York, President of the Borough of The Bronx, Office of the President, July 11, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment:*

Sir—On July 3, 1913, an application to the Board of Estimate and Apportionment for leave to erect a monument to the Spanish War Veterans at the plaza at East 137th street, 3d and Lincoln avenues, in the Borough of The Bronx, was referred by the Board to me.

I find upon inquiry that the amount of cash on hand in the hands of the treasurer is $846.07, and that the estimated cost of the monument, exclusive of the foundations, is $5,000. The collection of the fund for the erection of this monument was begun in 1901, so that it does not appear that the monument will be erected for some time to come. In the meantime the City may wish to use the space for other purposes.

I recommend, therefore, that the petition be denied at this time without prejudice to another application when funds sufficient for the erection of the monument have been collected. Yours very truly,

CYRUS C. MILLER, President of the Borough of The Bronx.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby denies the application of the Citizen's Committee of The Bronx for leave to erect a monument in the plaza at 137th street, 3d and Lincoln avenues, Borough of The Bronx, in honor of the men from The Bronx who lost their lives in the Spanish-American War; this denial being without prejudice to another application when funds sufficient for the erection of the monument have been collected.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Acquiring Title to the Lands and Lands Under Water Required for the Improvement of the Bronx River, Borough of The Bronx (Cal. No. 107).

(At the meeting of the Board on May 1, 1913, this matter was referred to the Corporation Counsel for advice as to whether the proposed proceeding should be limited to the upland or whether it should also include the land under water.)

The Secretary presented the following communication from the Acting Corporation Counsel, which was ordered printed in the minutes and placed on file:

City of New York, Law Department, Office of the Corporation Counsel, New York, July 24, 1913.

The Board of Estimate and Apportionment:

Sirs—I am in receipt of a communication from the Secretary of the Board, dated May 2, 1913, transmitting a copy of a report of the Chief Engineer of the Board relative to a proposed proceeding for acquiring title to the lands and lands under water required for the improvement of the Bronx River.

The Secretary states that this matter was referred to the Corporation Counsel for advice as to whether the proposed proceeding should be limited to the upland or whether it should also include land under water.

The Chief Engineer refers to a communication from this office as to the power of the Board of Estimate and Apportionment, under section 970 of the Charter, to institute proceedings for acquiring title to land under water for the improvement of navigation of the Bronx River, and to a communication from this office, dated January 9, 1911, in which the Commissioner of Docks was advised as to the title to the lands under water constituting the bed of said river.

The Chief Engineer continues his report as follows:

"It would, therefore, appear that the City is now probably the owner of the easterly half of the existing waterway and that the land under water in the westerly half is in private ownership. The river follows a tortuous course and meanders in and out the area set aside for the waterway by Federal action, the creation of which will involve the use of upland as well as a portion of the existing water course.

"I am in some doubt as to the necessity of acquiring title to any portion of the present waterway which may be in private ownership and which falls within the bulkhead lines as fixed by the Secretary of War. It is understood that the laws controlling navigation would prevent any obstruction of such area and that the Government does not insist upon title being acquired prior to undertaking dredging operations; on the other hand, the records of the street opening proceedings which have included land within the existing waterway shows that, in some cases, substantial awards have been made for land under water both to the City and to private parties, which treatment would afford warrant for a belief that if the proceeding now proposed is made to include the land under water which is to form a part of the permanent channel, substantial awards may be paid without a corresponding advantage to the City if such ownership by the City is not required.

"I would, therefore, recommend that the Corporation Counsel be asked to advise the Board as to whether the proceeding now proposed should be limited to the upland which falls within the bulkhead lines or whether any public interest would be served by also including the land under water not owned by the City at the present time."

The question of limiting the proposed proceeding to the upland which falls within the bulkhead lines or whether any public interest would be served by also including the land under water not owned by the City at the present time, it seems to me, is one of policy to be determined by the Board of Estimate and Apportionment, upon which no legal advice can be given.

I submit, however, several principles of law which may aid the Board in determining this question.

It is well settled by decisions of the Supreme Court of the United States that pier and harbor lines established by the Secretary of War in navigable waters are lines of limitation beyond which no improvements may be made.

Montgomery vs. Portland, 190 U. S., 90.
Cummings vs. Chicago, 188 U. S., 410.
Escanaba Co. vs. Chicago, 107 U. S., 678.
Harden vs. Jordan, 140 U. S., 371.

These cases also establish the principle that the right of private persons to erect structures in a navigable water of the United States, which is entirely within a State, is not complete and absolute without the concurrent or joint assent of both the Federal Government and the State Government.

It has also been settled by the Court of Appeals of this State that persons holding title to lands under navigable waters by virtue of letters patent from the People of the State of New York hold such lands, where unimproved, subject to the control of the Legislature for purposes of navigation.

People vs. N. Y. & Staten Island Ferry Co., 68 N. Y., 71.

The Legislature, by the provisions of section 970 of the Greater New York Charter, has vested The City of New York with full and ample power to acquire lands above or under water for all improvements of the navigation of waters, within

or separating portions of The City of New York, theretofore duly laid out upon the map or plan of The City of New York, of the City of Brooklyn, of Long Island City, or of any of the territory consolidated with the former City of New York, or thereafter duly laid out upon the map or plan of The City of New York as constituted by the Charter.

By such legislation, The City of New York has been substituted for the State and the consent of the City is necessary, in addition to the consent of the United States Government, to enable private owners to erect structures in navigable waters within the limits of the City.

The plan for the improvement of the Bronx River to be adopted by the City need not, in its lines be coincident with the lines adopted by the Secretary of War, but cannot extend beyond them so as to narrow the channel.

Such plan, when adopted by the Board of Estimate and Apportionment and laid out upon the map or plan of The City of New York, is controlling, and no improvement exterior to the lines shown thereon can be made by any private owner.

It is therefore not necessary for the improvement of the Bronx River to acquire land under water exterior to the bulkhead lines laid out upon the map or plan of The City of New York. If, however, land under water exterior to such bulkhead lines be acquired therefor, it is evident that the only basis for a substantial value for such lands under water is the possibility of a change of the bulkhead lines in such a way as to make such lands available for profitable use. Such a possibility is so remote that the awards for such lands cannot greatly exceed a nominal amount, but this being an assessment proceeding it could be urged that even the slightest additional expense incurred in acquiring such lands would not be justified.

Respectfully submitted, C. D. OLENDORF, Acting Corporation Counsel.

The Secretary was then directed to send a copy of the communication to the President of the Borough of The Bronx.

Change in Agreement Between The City of New York, the New York and Harlem Railroad Company and The New York Central and Hudson River Railroad Company, Granting to the City an Easement for the Construction of a Sewer in Gun Hill Road, Borough of The Bronx (Cal. No. 108).

The Secretary presented the following:

City of New York, President of the Borough of The Bronx, 3d Avenue and 177th Street, Office of the President, July 24, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment:*

Dear Sir—Herewith is forwarded, in triplicate, for approval and execution by the Board of Estimate and Apportionment, the form of memorandum to be attached to the agreement made December 20, 1912, between The City of New York and the New York and Harlem Railroad Company, as owner, and the New York Central and Hudson River Railroad Company, as lessee of the railroad of the New York and Harlem Railroad Company, for a sewer easement in Gun Hill road under the railroad tracks of the New York and Harlem Railroad Company. This memorandum provides for a change in the depth of the sewer below the rails of the railroad company; all other covenants and conditions remain in force.

Yours truly, CYRUS C. MILLER, President of the Borough of The Bronx.

MEMORANDUM TO BE ATTACHED TO THE AGREEMENT FOR A SEWER EASEMENT IN GUN HILL ROAD ACROSS THE PROPERTY OF THE NEW YORK & HARLEM RAILROAD.

Whereas, In an agreement made the 20th day of December, 1912, between The City of New York, by its Board of Estimate and Apportionment, party of the first part, hereinafter called the City, and the New York & Harlem Railroad Company as owner, and the New York Central & Hudson River Railroad Company as lessee of the railroad of the New York & Harlem Railroad Company, hereinafter called the parties of the second part, the parties of the second part for themselves, their successors and assigns, granted to the City the right to construct, maintain and operate through the lands and under the roadway and tracks of the parties of the second part or either of them a sewer twelve (12) inches in diameter, inside dimension, and at a depth not less than four (4) feet below the bottom of the rails of the railroad companies; and

Whereas, That part of the agreement relating to the depth of the sewer below the rails of the railroad companies has been changed;

Now therefore the parties hereto do hereby agree that the clause of the said agreement reading "and at a depth not less than four (4) feet below the bottom of the rails of the railroad companies," shall be changed to read "and at a depth not less than two and one-half (2.5) feet below the bottom of the rails of the railroad companies." All of the other terms and covenants of the original agreement shall remain in force.

In witness whereof the parties hereto have duly executed this instrument in duplicate the day and year first above written.

CITY OF NEW YORK,

By ....., Mayor.

Attest: ....., City Clerk.

THE NEW YORK & HARLEM RAILROAD COMPANY,

By ....., President.

Attest: ....., Secretary.

NEW YORK CENTRAL & HUDSON RIVER RAILROAD COMPANY,

By ....., President.

Attest: ....., Secretary.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the memorandum, submitted in triplicate by the President of the Borough of The Bronx, under date of July 24, 1913, and which memorandum is to be attached to the agreement dated December 20, 1912, between The City of New York, the New York & Harlem Railroad Company, and the New York Central & Hudson River Railroad Company, for a sewer easement in Gun Hill road, Borough of The Bronx, across the property of the said New York & Harlem Railroad Company.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Map Showing Land in Which a Sewer Easement Is to Be Acquired at Malba, Borough of Queens (Cal. No. 109).

The Secretary presented the following communication from the Acting President of the Borough of Queens, and report of the Chief Engineer:

The City of New York, Office of the President of the Borough of Queens, Long Island City, July 24, 1913.

JOSEPH HAAG, *Esq., Secretary of the Board of Estimate and Apportionment:*

Dear Sir—I transmit herewith for the approval of the Board of Estimate and Apportionment "Map showing a strip of land ten feet wide for which sewer easements are to be acquired, located at Malba, which is shown on a map filed in the County Clerk's office at Jamaica, February 13, 1908, as Map No. 1196, extending from 5th avenue to Powell's Cove in the Third Ward. Dated New York, July 25, 1913."

The purpose of this map is to lay down the lines of a strip of land ten feet wide for a sewer easement through the property of the Malba Land Company, in order to eliminate an unsanitary open ditch in this locality. Respectfully,

JOSEPH FLANAGAN, Commissioner of Public Works, and Acting President, Borough of Queens.

Report No. 12956. July 26, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the Acting President of the Borough of Queens, bearing date of July 24, 1913, requesting the approval of a map showing property at Malba in which an easement is to be acquired to permit of the construction of a sewer.

This map relates to a strip of land, having a width of 10 feet, extending from Roxboro avenue (5th avenue), near 22d street, westwardly across private property to Fletcher avenue (21st street), and thence traversing Fletcher avenue and Chesterfield boulevard (Boulevard) to Powell's Cove. The sewer which it is proposed to build is shown upon a plan now before the Board for consideraiton, and a resolution initiating the improvement has been adopted by the Local Board.

I am informally advised that the owners of the property affected are prepared to grant the necessary easement to the City as soon as the map has been adopted.

I see no reason why the plan should not be approved, and would recommend such action. Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the map entitled: "Map showing a strip of land ten feet wide for which sewer easements are to be acquired, located at Malba, which is shown on a map filed in the County Clerk's office, at Jamaica, February 13, 1908, as Map No. 1196, extending from 5th avenue to Powell's Cove, in the Third Ward. Dated New York, July 25, 1913."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Elimination of the Grade Crossing at Laurel Hill Boulevard, Borough of Queens (Cal. No. 110).

The Secretary presented the following, which was ordered printed in the minutes and placed on file:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York, July 23, 1913.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—Transmitted herewith, and hereby served upon The City of New York, is a certified copy of an order in Case No. 1384, adopted by the Commission at its meeting on July 22, 1913, denying the application of the Long Island Railroad Company for a modification of the Commission's order of December 8, 1911, directing the elimination of grade crossing at Laurel Hill boulevard.

Please acknowledge receipt of the enclosure. Yours very truly,

TRAVIS H. WHITNEY, Secretary.

At a stated meeting of the Public Service Commission for the First District, duly held at its office, No. 154 Nassau street, Borough of Manhattan, in the City and State of New York, on the 22d day of July, 1913.

Present—Edward E. McCall, Chairman; Milo R. Maltbie, John E. Eustis, J. Sergeant Cram, George V. S. Williams, Commissioners.

In the matter of the hearing on the motion of the Commission on the question of alterations and changes in the following grade crossings with the tracks of the Long Island Railroad Company on its Montauk Division, in the Borough of Queens: Collins avenue, Flushing avenue, Grand street, Old Flushing avenue or Flushing road, Maspeth avenue, Haberman's factory (Munich street), Clifton avenue, Hobson avenue (Washington avenue), Laurel Hill boulevard, Greenpoint avenue.

CASE NO. 1384—ORDER AFTER REHEARING.

A final order having been made in the above entitled proceeding on December 8, 1911, directing the elimination of grade crossing at Laurel Hill boulevard, and the said final order having been amended by resolution duly adopted December 12, 1911, appropriating the State's share of the cost of the work, and the Long Island Railroad Company having made application in writing dated December 11, 1912, for a rehearing in respect to the matters determined by said final order as amended, and a rehearing having been held before Honorable George V. S. Williams, Commissioner, on December 19, 1912, and on certain adjourned dates, and the Commission being of opinion that said final order of December 8, 1911, should not be reversed, abrogated, changed or modified; now therefore it is

Ordered, That the application of the Long Island Railroad Company for a change, modification or abrogation of the order made by this Commission in this proceeding on December 8, 1911, be and the same hereby is in all respects denied.

BY THE COMMISSION,

(Seal.) TRAVIS H. WHITNEY, Secretary.

State of New York, County of New York, ss.:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify that I have compared the above with the original adopted by said Commission on July 22, 1913, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission this 23d day of July, 1913.

(Seal.) TRAVIS H. WHITNEY, Secretary.

Extension of Time for the Completion of the Work in Connection with the Opening of Jamaica Avenue Across the Tracks of the Long Island Railroad Company's New York and Rockaway Beach Division, Borough of Queens (Cal. No. 111).

The Secretary presented the following, which was ordered printed in the minutes and placed on file:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York, July 16, 1913.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—Transmitted herewith, and hereby served upon The City of New York, is a certified copy of an order in case No. 1431, adopted by the Commission at its meeting on July 15, 1913, extending the time of the Long Island Railroad Company to complete the work in connection with the opening of Jamaica avenue across the tracks of the company's New York and Rockaway Beach division.

Please acknowledge receipt of the enclosure.

Yours very truly, TRAVIS H. WHITNEY, Secretary.

At a stated meeting of the Public Service Commission for the First District, duly held at its office, No. 154 Nassau street, Borough of Manhattan, in the City and State of New York, on the 15th day of July, 1913.

Present—Edward E. McCall, Chairman; Milo R. Maltbie, John E. Eustis, J. Sergeant Cram, George V. S. Williams, Commissioners.

In the matter of the application of The City of New York relative to opening across the tracks of the New York & Rockaway Beach Division of the Long Island Railroad Company, Jamaica avenue, in 4th Ward, Borough of Queens, City of New York.

CASE NO. 1431—ORDER EXTENDING TIME FOR COMPLETION OF IMPROVEMENT.

A determination having been made by the Public Service Commission for the First District in this matter on January 19, 1912, directing that the widened portions of Jamaica avenue, in the Borough of Queens, be constructed to pass under the tracks of the Long Island Railroad Company, and that said improvement be completed on or before July 1, 1912, and the time for completion of said improvement having been extended by order of the Commission, and the Long Island Railroad Company by letter of June 30, 1913, having applied to this Commission for a further extension of time to August 15, 1913, within which to complete said improvement; now, therefore, it is

Ordered, That the time for completion of the improvement directed by the determination of the Commission made herein January 19, 1912, be and hereby is extended to August 15, 1913.

By THE COMMISSION,

(Seal.) TRAVIS H. WHITNEY, Secretary.

State of New York, County of New York, ss:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify that I have compared the above with the original adopted by said Commission on July 15, 1913, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof I have hereunto subscribed my hand and affixed the seal of the Commission, this 16th day of July, 1913.

(Seal.) TRAVIS H. WHITNEY, Secretary.

Construction of Section Number One for Storm Water and Sanitary Sewers in Maspeth Avenue from Newtown Creek to Vandervoort Avenue; Sanitary Sewer in Maspeth Avenue from Vandervoort Avenue to Morgan Avenue; Combined Sewers in Maspeth Avenue from Morgan Avenue to Conselyea Street, and in Conselyea Street from Maspeth Avenue to Humboldt Street; Storm Water Sewer in Gardner Avenue from Maspeth Avenue to English Kills; Siphon Under Newtown Creek Along the Line of Maspeth Avenue from the Borough of Brooklyn to the Borough of Queens; Pumping Station on the Easterly Side of Morgan Avenue Between Maspeth Avenue and Bullion Street; and Force Main at Maspeth Avenue and Morgan Avenue, Borough of Brooklyn (Cal. No. 112).

(Final Authorization.)

The Secretary presented the following communication from the President of the Borough of Brooklyn, and report of the Chief Engineer:

July 18, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment*, 277 Broadway, New York:

Dear Sir—In the matter of the Local Board resolution initiating proceedings to construct storm sewers and sanitary sewers in Maspeth avenue, from Newtown Creek to Vandervoort avenue; sanitary sewer in Maspeth avenue, from Vandervoort avenue to Morgan avenue; combined sewers in Maspeth avenue, from Morgan avenue to Conselyea street; in Conselyea street, from Maspeth avenue to Humboldt street; storm sewer in Gardner avenue, from Maspeth avenue to the west branch of Newtown Creek, known as English Kills, and siphon under Newtown Creek, at Maspeth avenue, from the Borough of Brooklyn to the Borough of Queens, together with a pumping station and all appurtenances to be located on the site to be acquired by the City on the easterly side of Morgan avenue, between Maspeth avenue and Bullion street, and a force main and all appurtenances at Maspeth and Morgan avenues, which was considered by the Board at its meeting held on May 16, 1912, on which date resolution was approved for the preliminary work required prior to the execution of the contract, I would state for the information of the Board:

That the plans and specifications have been prepared for section 1 of the improvement.

That an estimate of the cost of the improvement based on actual survey has been made.

That the boundary of the district of assessment has been accurately defined for submission to the Board of Assessors.

That the assessment maps will be completed before the final estimate is granted.

That the form of contract prepared for the improvement has been approved by the Corporation Counsel.

That steps will be taken to place the improvement under contract as soon as the construction work is authorized.

That the time to be allowed the contractor for carrying out the work is four hundred (400) working days.

That the expenses charged against this improvement for the preliminary work above described, and which will be included in the assessment up to this date, amounts to $3,053.63.

That the work to be done comprises the following:

1,886 linear feet of 84-inch combined sewer; per linear foot, $19	$35,834 00
26 linear feet of 66-inch combined sewer; per linear foot, $13	338 00
60 linear feet of 12-inch combined sewer; per linear foot, $2	120 00
3,259 linear feet of 60-inch sanitary sewer; per linear foot, $22	71,698 00
46 linear feet of 30-inch sanitary sewer; per linear foot, $12.50	575 00
28 linear feet of 18-inch sanitary sewer; per linear foot, $7.50	210 00
140 linear feet of 8-inch sanitary sewer; per linear foot, $3.50	490 00
890 linear feet of 54-inch storm sewer; per linear foot, $11	9,790 00
460 linear feet of 48-inch storm sewer; per linear foot, $7.50	3,450 00
456 linear feet of 36-inch storm sewer; per linear foot, $7	3,192 00
38 linear feet of 24-inch storm pipe sewer; per linear foot, $4	152 00
144 linear feet of 22-inch storm pipe sewer; per linear foot, $4.50	648 00
367 linear feet of 20-inch storm pipe sewer; per linear foot, $3	1,101 00
56 linear feet of 18-inch storm pipe sewer; per linear foot, $2	112 00
1,089 linear feet of 12-inch storm pipe sewer; per linear foot, $1.80	1,960 20
33 8-inch standpipes on combined sewer; per standpipe, $12	396 00
74 8-inch standpipes on sanitary sewers; per standpipe, $12	888 00
1,240 linear feet of 8-inch combined house connection drain; per linear foot, $1.50	1,860 00
250 linear feet of 8-inch sanitary house connection drain; per linear foot, $1.50	375 00
40 linear feet of 6-inch sanitary house connection drain; per linear foot, $1	40 00
20 linear feet of 8-inch storm house connection drain; per linear foot, $1.50	30 00
20 linear feet of 6-inch storm house connection drain; per linear foot, $1	20 00
15 house connection drains reconnected; per reconnection, $5	75 00
55 manholes complete, with iron heads and covers; per manhole, $150	8,250 00
3 sewer basins complete; per basin, $130	390 00
5 sewer basins reconnected complete; per basin reconnected, $50	250 00
1 pump well and substructures of Sewage Pumping Station	45,000 00
1 inverted siphon under Newtown Creek, including grit chamber overflow, siphon chamber and connections complete	43,000 00
1 force main complete	2,100 00
1,100,000 feet, B. M., sheeting and bracing, driven in place complete, per thousand feet, B. M., $22	24,200 00
275,000 feet, B. M., yellow pine sheet piling and wales; per thousand feet, B. M., $60	16,500 00
200,000 feet, board measure, of foundation planking and pile capping, laid in place complete; per thousand feet, B. M., $30	6,000 00
42,000 linear feet bearing piles, driven in place complete; per linear foot, $0.30	12,600 00
100 cubic yards concrete, in place complete; per cubic yard, $6	600 00
	$292,244 20
Preliminary expenses	3,053 63
Engineering and inspection	34,702 17
Total	$330,000 00

The assessed valuation of the property according to the last preceding tax roll in the district deemed to be benefited is $20,407,143.

Yours truly, L. H. POUNDS, President, Borough of Brooklyn.

Report No. 12959. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on May 16, 1912, the President of the Borough of Brooklyn was authorized to undertake the preliminary work required prior to the construction of storm water and sanitary sewers in Maspeth avenue from Newtown Creek to Vandervoort avenue; sanitary sewer in Maspeth avenue from Vandervoort avenue to Morgan avenue; combined sewers in Maspeth avenue from Morgan avenue to Conselyea street, and in Conselyea street from Maspeth avenue to Humboldt street; storm water sewer in Gardner avenue from Maspeth avenue to English Kills; siphon under Newtown Creek along the line of Maspeth avenue from the Borough of Brooklyn to the Borough of Queens; pumping station on the easterly side of Morgan avenue between Maspeth avenue and Bullion street; and force main at Maspeth avenue and Morgan avenue, in accordance with a resolution of the Local Board of the Williamsburg District. The work was then estimated to cost about $430,000.

In the accompanying communication from the Borough President, bearing date July 18, 1913, the Board is advised that the plans and specifications for the entire work have been completed with the exception of those relating to the pumps and to the superstructure of the pumping station. I am informally advised that it has been deemed expedient to make the two latter items the subject of separate contracts, both of which can be undertaken and carried out as soon as the pump well has been completed and that the work now proposed, which is defined as "section 1" of the contract, will be so advanced as to clear the way for the completion of the pumping station while the remaining work is under way, so that the entire improvement may be completed at about the same time. It is therefore requested that the approval of the Local Board resolution be given, and that the Borough President be authorized to undertake the construction required for this section.

The work to be done comprises the following: 1,886 linear feet 84-inch sewer, 26 linear feet 66-inch sewer, 3,269 linear feet 60-inch sewer, 46 linear feet 30-inch sewer, 890 linear feet 54-inch sewer, 460 linear feet 48-inch sewer, 456 linear feet 36-inch sewer, 38 linear feet 24-inch sewer, 144 linear feet 22-inch sewer, 367 linear feet 20-inch sewer, 84 linear feet 18-inch sewer, 1,149 linear feet 12-inch sewer, 140 linear feet 8-inch sewer, 55 manholes, 3 receiving basins, 1 pump well and substructures of sewage pumping station, 1 inverted siphon, 1 force main.

The estimated cost of the work included within the limits of this section is $330,000. The charges already incurred against the Street Improvement Fund amount to $3,053.63, and the estimated time for the completion of the improvement is 400 days.

I see no reason why the course proposed by the Borough President should not be followed and would recommend such action, a form of resolution providing for carrying it out being submitted for adoption.

In order that the Street Improvement Fund may be properly replenished by reason of expenditures of this character, I would suggest that the attention of the Borough President be called to the desirability of hereafter limiting the scope of the Local Board resolutions to such work as can be wholly completed under one contract or a series of contracts entered into at about the same time.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The following was offered:

A copy of a resolution of the Local Board of the Williamsburg District, duly adopted by said Board on the 10th day of July, 1911, and approved by the President of the Borough of Brooklyn on the 23d day of April, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Williamsburg District, Borough of Brooklyn, after duly advertised hearing had this 10th day of July, 1911, hereby initiates proceedings to construct storm sewers and sanitary sewers in Maspeth avenue, from Newtown Creek to Vandervoort avenue; sanitary sewer in Maspeth avenue, from Vandervoort avenue to Morgan avenue; combined sewers in Maspeth avenue, from Morgan avenue to Conselyea street; in Conselyea street from Maspeth avenue to Humboldt street; storm sewer in Gardner avenue, from Maspeth avenue to the west branch of Newtown Creek, known as English Kills, and siphon under Newtown Creek; at Maspeth avenue, from the Borough of Brooklyn to the Borough of Queens, together with a pumping station and all appurtenances to be located on the site to be acquired by the City on the easterly side of Morgan avenue, between Maspeth avenue and Bullion street, and a force main and all appurtenances at Maspeth and Morgan avenues."

—and thereupon, on the 16th day of May, 1912, resolution having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn,—in so far as it relates to Section No. 1 of the proposed improvement, this comprising the construction of storm sewers and sanitary sewers in Maspeth avenue, from Newtown Creek to Vandervoort avenue; sanitary sewer in Maspeth avenue, from Vandervoort avenue to Morgan avenue; combined sewers in Maspeth avenue, from Morgan avenue to Conselyea street; in Conselyea street from Maspeth avenue to Humboldt street; storm sewer in Gardner avenue, from Maspeth avenue to the west branch of Newtown Creek, known as English Kills, and siphon under Newtown Creek; at Maspeth avenue, from the Borough of Brooklyn to the Borough of Queens together with a pump well and sub-structures of the sewage pumping station to be located on the site to be acquired by the City on the easterly side of Morgan avenue, between Maspeth avenue and Bullion street, and a force main and all appurtenances at Maspeth and Morgan avenues,—as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $330,000; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $13,116,610, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of Section No. 1, of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The Secretary was directed to call the attention of the President of the Borough of Brooklyn to the desirability of hereafter limiting the scope of Local Board resolutions to such work as can be wholly completed under one contract or a series of contracts entered into at about the same time.

Regulating and Reregulating, Grading and Regrading, Curbing and Recurbing, Flagging, Reflagging and Paving Where Not Already Paved, Gun Hill Road, from Webster Avenue to White Plains Avenue, Borough of The Bronx (Cal. No. 113).

(Preliminary Authorization.)

The Secretary presented the following joint resolution of the Local Boards of the Chester and Van Cortlandt Districts, Borough of The Bronx, communication from the Public Service Commission, communication from the President of the Borough of The Bronx and report of the Chief Engineer:

In Local Boards of Chester and Van Courtlandt, 23d and 25th Districts, Borough of The Bronx.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of The Bronx; and

Whereas, He has appointed a time for a meeting of these Local Boards not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Boards, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of these Local Boards at which the said petition would be submitted by him to the said Boards, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Boards, which did duly consider the same, and give a full hearing thereon; now therefore it is

Resolved, By the Local Boards of Chester 23d and Van Courtlandt, 25th Districts, Borough of The Bronx, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, That the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating, reregulating, grading and regrading, setting and resetting curbstones, flagging and reflagging the sidewalks, laying and relaying crosswalks, building approaches, erecting fences where necessary, and paving the roadway (where not already paved) with granite blocks on a sand foundation (preliminary pavement) in Gun Hill road, from Webster avenue to White Plains avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York, and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Boards of Chester and Van Courtlandt, 23rd and 25th Districts, on June 30th, 1913, Alderman O'Neil, Alderman Weil, Alderman Hamilton, Alderman Wilmot and the President of the Borough of The Bronx voting in favor thereof. Negative—None.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 2nd day of July, 1913.

CYRUS C. MILLER, President of the Borough of The Bronx.

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau street, New York, December 27, 1912.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment*, 227 Broadway, New York City:

Dear Sir—With reference to the resolution of the Board of Estimate and Apportionment, adopted June 29, 1911, asking the Commission to determine whether Gun Hill road, as widened, should pass over or under the tracks of the New York and Harlem Railroad Company, or at grade, I beg to state that Counsel to the Commission has advised the Commission that the proposed changes of Gun Hill road do not come within the provisions of Section 90 or Section 91 of the Railroad Law, that the carrying of the widened portions of Gun Hill road across the tracks does not constitute the construction of a new street, avenue or highway, or new portion of a street, avenue or highway within the meaning of Section 90 of the Railroad Law, and that as the existing crossing is not *at grade*, the Commission has no power under Section 91 of the Railroad Law to entertain a proceeding for the alteration of the

crossing. A similar view was taken by the Commission in Case No. 1197, involving the situation in New Utrecht avenue, Brooklyn, in which it was held that the widening of New Utrecht avenue to include a strip of land with a railroad on it did not come within the provisions of the Railroad Law.

If the proposed changes desired by the City are approved by the Railroad Company, the Commission sees no reason why the parties may not carry out the improvement upon terms to be agreed upon between them without the intervention of this Commission.

In view of the legal question involved the Commission has held in abeyance the matter of the resolution of the Board of Estimate and Apportionment instead of directing a hearing, publishing notice of hearing and conducting the necessary proceedings.

I am directed by the Commission to bring the foregoing to your attention with a request to advise the Commission whether the Board of Estimate and Apportionment nevertheless desires to have the Commission hold a hearing in this matter and make a final determination.

Yours very truly, TRAVIS H. WHITNEY, Secretary.

City of New York, President of the Borough of The Bronx, July 25, 1913.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment:*

Dear Sir—On June 30, 1910, the Board of Estimate and Apportionment adopted a resolution approving an issue of Corporate Stock not exceeding $175,000 to provide means for the construction of two bridges and approaches in Gun Hill road over the New York and Harlem Railroad and the Bronx River in the Borough of The Bronx.

This resolution was later concurred in by the Board of Aldermen and approved by the Mayor.

In a report presented to the Board of Estimate and Apportionment on June 12, 1913, the Corporate Stock Budget Committee recommended the rescinding of $170,000 of this Corporate Stock, and the matter was laid over to June 19, when it was again laid over.

In a conference with Deputy Comptroller Mathewson it was agreed that of the $175,000 Corporate Stock an amount would be left available sufficient to pay for the bridge over the New York and Harlem Railroad and for a culvert to carry the Bronx River under Gun Hill road, a change in plan now having been made whereby the Bronx River is to be carried under Gun Hill road in a culvert and the bridge over the Bronx River will not be required.

It was further suggested at this conference that a local Board resolution be presented to the Board of Estimate and Apportionment, providing for the regulating, grading, regrading, etc., of Gun Hill road and that, in accordance with the provisions of Section 436 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment could provide for the payment by the City of a portion of the expense of this improvement.

Accordingly, herewith is forwarded a resolution adopted in joint session by the Local Boards of Chester and Van Courtlandt on June 30, 1913, approving a petition providing for regulating and reregulating, grading and regrading, setting and resetting curbstones, flagging and reflagging the sidewalks, laying and relaying cross-walks, building approaches, erecting fences where necessary, and paving the roadway (where not already paved) with granite blocks on a sand foundation (preliminary pavement) in Gun Hill road, from Webster avenue to White Plains avenue, together with all work incidental thereto.

Gun Hill road, between Webster avenue and the Bronx River, for a width of 80 feet, was regulated and graded, curbed and flagged and the roadway paved with macadam under a contract completed in 1902. That portion of Gun Hill road, between the Bronx River and White Plains road has not been regulated and graded, and the existing grades ranging from 9 per cent. to 14 per cent. present a serious obstruction to traffic.

It is now proposed to widen Gun Hill road to 100 feet and fill in the low portion between the Bronx River and White Plains avenue, which necessitates the raising and regrading of the portion between Webster avenue and the Bronx River. In view of the fact that this improvement is necessary largely because Gun Hill road provides the only means of crossing between the portions of Bronx Borough lying east and west of the Bronx River and it will be used as a part of the route of the new rapid transit line, it is suggested that such work as will be required because of the widening and regrading should not now be again assessed; that is, that only the additional height of wall and fill, etc., should be assessed, and where the street is now paved, the cost of new pavement should be borne by the City.

The total estimated cost of regulating, grading, regrading, etc., Gun Hill road, from Webster avenue to White Plains avenue, is $76,500. Included in this estimate are the following items, which should be borne by the City at large:

4,600 cubic yards of dry rubble masonry at $2	$9,200 00
3,770 square yards granite block on sand at $2.50	9,425 00
Total	$18,625 00
Engineering and inspection	$1,875 00
Total	$20,500 00

This $20,500 is about 27 per cent. of the total estimated cost of $76,500 for grading, regrading, etc., and it is suggested that the City assume that percentage of the cost of this improvement.

It is further suggested that the area of assessment be extended in all directions halfway to the next wide thoroughfare. The suggested area, as indicated in red lines on the accompanying map, begins at the intersection of the center line of East 222d street and the Bronx River; thence along the center line of East 222d street to its intersection with the center line of Barnes avenue; thence along the center line of Barnes avenue to its intersection with the center line of Bartholdi street; thence along the centre line of Bartholdi street to the east side line of White Plains road; thence across White Plains road to a line midway between Magenta and Post streets; thence along said line midway between Magenta and Post streets to the Bronx River; thence along the center line of East 207th street prolonged as said street is laid out between Perry avenue and Parkside place to the intersection of the center line of Perry avenue; thence along the center line of Perry avenue to the intersection of Holt place; thence along the center line of Holt place to its intersection with Reservoir Oval; thence along the center line of Reservoir Oval to its intersection with the center line of 211th street; thence along the center line of 211th street to the Bronx river, and thence along the Bronx River to the point and place of beginning.

Yours truly, CYRUS C. MILLER, President of the Borough of The Bronx.

Report No. 12958. July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution adopted on June 30, 1913, at a joint meeting of the Local Boards of the Chester and Van Courtlandt Districts, Borough of The Bronx, initiating proceedings for regulating and reregulating, grading and regrading, curbing and recurbing, flagging and reflagging Gun Hill road from Webster avenue to White Plains avenue, and for laying a granite block pavement (preliminary pavement) where pavement has not already been laid.

This resolution relates to a length of about 1,300 feet of Gun Hill road, title to which was acquired at a width of 80 feet in 1897. In 1899 authorization was given for grading and curbing this street between Jerome avenue and the Bronx River, with provision for flagging it to a width of four feet and for macadamizing the roadway.

In 1906 proceedings were authorized for acquiring title to the section between Webster avenue and Olinville avenue as required to permit of increasing the street width to 100 feet. The street here crosses the tracks of the New York & Harlem Railroad, where a bridge has been constructed with a clearance of about 16 feet above the tracks and a width of about 50 feet. No provision was made in the proceeding for excluding the railroad lands, but the records show that it was confirmed in 1912.

On June 29, 1911, a map was approved by the Board of Estimate and Apportionment, showing changes proposed in the grade of Gun Hill road between Webster avenue and White Plains road, but with the understanding that it would be necessary to submit the matter to the Public Service Commission for ratification before the elevation indicated at the railroad crossing, where it was proposed to raise the grade about 4 feet, in order to secure adequate clearance, could be legalized. It was also pointed out at this time that under a resolution adopted on June 3, 1910, the Board had authorized the issuance of corporate stock to the amount of $175,000 to be used for the purpose of constructing the new highway bridge over the railroad, as well as a bridge over the Bronx River, that this resolution had been passed by the Board of Aldermen and had been approved by the Mayor, that the records indicated that the authorization was based on the assumption that one-half of the expense of constructing the railroad bridge would be paid by the Railroad Company, and that the co-operation of the Company should be secured through the order of the Public Service Commission.

In the accompanying communication from the Secretary of the Public Service Commission, bearing date of December 27, 1912, the Board is informed that, inasmuch as the street does not cross the railroad at grade, and that it is not in their judgment a new portion of a street, avenue, or highway, as described in the Railroad Law, the Commission was without jurisdiction, and the suggestion is made that the improvement could be carried out by the City and Railroad Company without the intervention of the Commission. The Board is also advised that this disposition of the matter had been made without giving a public hearing, but that such hearings would be given and a final determination rendered if requested by the Board.

The attitude now taken by the Public Service Commission relative to the Gun Hill road bridge would indicate that it could be constructed through powers now vested in the City. I understand, however, that the appropriation made by the Board is sufficient for meeting the entire cost of the construction of the bridge, as well as of the culvert at the Bronx River, which it is proposed to substitute in place of the bridge contemplated in the authorization, and, unless the Railroad Law can be applied, or the Railroad Company bound to meet its share of the expense, it would appear that the whole burden will fall upon the City, as will probably be the case if the work is undertaken prior to an adjustment of the question. In this connection a question might also be raised as to the propriety of using corporate stock for the purpose proposed, the issue having been based on the provisions of section 47 of the Charter, an examination of which does not reveal authority to issue bonds for bridges over railroads. It is understood that a similar question was raised concerning the propriety of an issue of corporate stock for meeting a portion of the expense of an improvement of this character now being carried out by the Long Island Railroad, between Woodside and Jamaica, and that it was found necessary, in order to legalize a contribution by the City toward the cost of this work, to secure legislation, which was obtained during the last session of the Legislature.

In a communication presented by the Borough President with the resolution it is suggested that, inasmuch as the owners of property in this vicinity have already been called upon to pay for improving the street once, that they should be relieved from so much of the assessment as provides for the replacing of the pavement heretofore laid, as well as for the cost of the retaining walls. The former improvement is excluded from the scope of the resolution, the work evidently being properly chargeable to the Repaying Bond Account. I can see no reason why the cost of the retaining walls, which is estimated at $9,200, should not be made a matter of local assessment, and believe that the assumption of this expense by the City would establish a policy which could not safely be followed. The Borough President also suggests that the local assessment be spread over a territory bounded and described as follows:

Beginning at the intersection of the center line of East 222d street with the Bronx River and running thence along the center line of East 222d street to its intersection with the center line of Barnes avenue; thence along the center line of Barnes avenue to its intersection with the center line of Bartholdi street; thence along the center line of Bartholdi street to the east side line of White Plains road; thence across White Plains road to a line midway between Magenta and Post streets; thence along said line midway between Magenta and Post streets to the Bronx River; thence along the center line of East 207th street prolonged as said street is laid out between Perry avenue and Parkside place to the intersection of the center line of Perry avenue; thence along the center line of Perry avenue to the intersection of Holt place; thence along the center line of Holt place to its intersection with Reservoir Oval; thence along the center line of Reservoir Oval to its intersection with the center line of 211th street; thence along the center line of 211th street to the Bronx River; and thence along the Bronx River to the point and place of beginning.

I am informed that it is not desired to have the Board of Estimate and Apportionment fix this area under the provisions of the Gerhardt Bill but to treat the matter as a suggestion to the Board of Assessors, the matter being left entirely in the hands of that body. The district proposed is, in my judgment, a reasonable one excepting that provision should be made for including both sides of the streets forming the boundary of the assessment district as described, instead of omitting the abutting property on the easterly side of Barnes avenue, the southerly side of Bartholdi street and East 207th street, and the northerly side of East 211th street and East 222d street.

I would recommend that the communication from the Public Service Commission be referred to the Corporation Counsel with the request that he advise the Board as to whether, in his judgment, the Railroad Law is applicable to this improvement, and also whether the Charter permits of the issue of corporate stock required to carry it out in case no order in the matter is issued by the Public Service Commission.

Pending the receipt of this opinion, I would recommend that action in the matter be deferred.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The President of the Borough of The Bronx offered the following:

Whereas, The President of the Borough of The Bronx has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Boards of the Chester and Van Courtlandt Districts, duly adopted by said Boards on the 30th day of June, 1913, and approved by the President of the Borough of The Bronx on the 2nd day of July, 1913, as follows, to wit:

"Resolved, That these Boards do hereby initiate proceedings for the said local improvement, to wit:

"For regulating, reregulating, grading and regrading, setting and resetting curbstones, flagging and reflagging the sidewalks, laying and relaying crosswalks, building approaches, erecting fences where necessary, and paving the roadway (where not already paved) with granite blocks on a sand foundation (preliminary pavement) in Gun Hill road, from Webster avenue to White Plains avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of The Bronx to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of The Bronx has submitted a statement, showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Resolved, That the Board of Estimate and Apportionment hereby determines that fourteen (14) per cent. of the cost and expense of the improvement shall be borne and paid by the City of New York and the remainder of such cost and expense shall be assessed upon the property deemed to be benefited by the improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the President of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The President of the Borough of The Bronx offered the following:

Whereas, In 1897, title was acquired to Gun Hill road, from Jerome avenue to Webster avenue at a width of 100 feet, and from Webster avenue to the Bronx River at a width of 80 feet; and

Whereas, On June 9, 1905, the City of New York, deeming it a public necessity, through its Board of Estimate and Apportionment, changed the map of the City of New York by laying out Gun Hill road, between Webster avenue and Olinville avenue at a width of 100 feet; and

Whereas, On June 29, 1911, the Board of Estimate and Apportionment raised

the grade of Gun Hill road over the railroad tracks approximately 4 feet in order to permit of the construction of a deck bridge; and

Whereas, On May 13, 1912, the City of New York vested title in the land necessary for the widening of Gun Hill road from 80 feet to 100 feet; and

Whereas, The City of New York, being of the opinion that the New York and Harlem Railroad Company should pay one-half of the expense of reconstructing the bridge across its tracks in Gun Hill road, on June 29, 1911, submitted to the Public Service Commission the question as to whether the new portion of the street should cross the railroad tracks at grade, above or below grade; and

Whereas, On December 27, 1912, the Secretary of the Public Service Commission informed the Board of Estimate and Apportionment that, inasmuch as the street does not cross the railroad at grade and that it is not, in the judgment of the Public Service Commission, a new portion of a street or highway as described in the Railroad Law, the Commission was without jurisdiction, and suggested that the improvement could be carried out by the City and the railroad company without the intervention of the Commission; and

Whereas, It seems that the provisions of the Railroad Law cannot be applied to the reconstruction of this bridge without the determination of the Public Service Commission; and

Whereas, It seems that there is no other statute under which the City and the railroad company could mutually bear the expense of constructing this bridge; therefore, be it

Resolved, That the Corporation Counsel is hereby directed to apply to the Public Service Commission for the reconsideration of its determination of the crossing of the new portion of Gun Hill road over the tracks of the New York and Harlem Railroad Company, in order that the City may carry out this improvement in accordance with the Railroad Law.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Acquiring Title to a Sewer Easement at the Foot of North 12th Street, Borough of Brooklyn (Cal. No. 114).

The Secretary presented the following report of the Comptroller:

City of New York, Department of Finance, Comptroller's Office, July 29, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—At the meeting of your Board held May 16, 1912, there were referred to the Comptroller, certified copies of three resolutions adopted by the Board of Estimate and Apportionment, as follows:

1. Approving map showing a strip of land, about nine feet wide, in which an easement title is to be acquired, located south of and adjoining the center line of North 12th street and extending from the bulkhead line into the East River about 165 feet, in the Borough of Brooklyn.

2. Authorizing the Comptroller to negotiate for the acquisition of the property indicated on said map, with the understanding that the expense involved will be charged against the Street Improvement Fund and later included in the assessment for sewer construction.

3. Authorizing the construction of sewers in Conselyea street, from Humboldt street to Graham avenue; in Graham avenue from Conselyea street to Richardson street; in Richardson street, from Graham avenue to Union avenue; in Union avenue, from Richardson street to North 12th street, and in North 12th street, from Union avenue to the end of the existing pier at the East River, Borough of Brooklyn.

—as well as a copy of the report of the Chief Engineer of the Board in relation to this matter.

I received a communication from the President of the Borough of Brooklyn, in which he states:

"If the contract for building this sewer is to proceed, and if the City is to be protected against inevitable heavy damages some action must be taken immediately. I am advised that it is the judgment of your Real Estate Department that you can do nothing in this matter. I further believe you are right in this conclusion. We have also made every effort that we seemed able to make, and all is without avail. Under these circumstances I hereby request that you report this condition to the Board of Estimate and Apportionment and ask that it immediately authorize proceedings to acquire the proposed easement rights under condemnation, and request the Corporation Counsel to have the Condemnation Commissioners appointed at the earliest possible date."

With reference to this matter I desire to state that the Division of Real Estate of this department has been endeavoring to secure at what they considered a reasonable price, the easement or fee rights at the foot of North 12th street, Brooklyn, for the construction of this sewer; but there is such a large discrepancy between the sum demanded by the gas company and the amount which the Real Estate Division considered reasonable, that I feel constrained to adopt the suggestion contained in the Borough President's letter.

I therefore recommend that the Corporation Counsel be directed to institute proceedings to acquire the proposed easement rights at the foot of North 12th street, Borough of Brooklyn, for the construction of a sewer mentioned in the above named resolutions, and that title vest immediately upon the filing of the oaths of the Commissioners.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of the Greater New York Charter, as amended, deems it for the public interest that there shall be acquired by The City of New York title to a perpetual easement required in the lands and premises for the purpose of constructing and maintaining a sewer outlet at the foot of North 12th street, Borough of Brooklyn, as shown on a map adopted by the Board on May 16, 1912, and entitled: "Map showing land in which it is necessary to acquire a title of perpetual easement for the purpose of constructing and maintaining a sewer outlet at the foot of North 12th street, being a portion of Lot 1, Block 2287, section 8 of the Land Map of Kings County, Borough of Brooklyn," bearing date of May 13, 1912, and signed by the President of the Borough.

Resolved, That the Board of Estimate and Apportionment, deeming it for the public interest so to do, hereby requests the Corporation Counsel to make application to a Special Term of the Supreme Court for the appointment of Commissioners of Estimate and to take the necessary proceedings, in the name of The City of New York, to acquire title as above determined, wherever the same has not heretofore been acquired, for the use of the public, to a perpetual easement required in the lands, tenements and hereditaments for the purpose of constructing and maintaining the foregoing sewer outlet at the foot of North 12th street, in the Borough of Brooklyn, City of New York.

Resolved, That the entire cost and expense of said proceedings be borne and paid by the City of New York.

Resolved, That nothing in this resolution contained shall be construed as preventing the Comptroller of The City of New York from entering into contracts for the acquisition of title to a perpetual easement in any portion of the above described property at private sale, subject to the approval of this Board.

Resolved, That the Board of Estimate and Apportionment of The City of New York in pursuance of the provisions of the Greater New York Charter, as amended, directs that upon the date of the filing of the oaths of the Commissioners in this proceeding the title to a perpetual easement in each and every piece or parcel of land required for an outlet sewer at the foot of North 12th street, Borough of Brooklyn, shall become vested in The City of New York.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating, Grading, Setting Curbstones, Flagging Sidewalks, Laying Crosswalks, Building Approaches and Erecting Fences in Van Courtlandt Park South, from Broadway to Mosholu Parkway South, and Building Steps, Railings and Appurtenances in Said Street, Between Van Courtlandt Avenue and Gale Place, Borough of The Bronx (Cal. No. 115).

(Preliminary Authorization.)

The Secretary presented the following communication from the President of the Borough of The Bronx and resolution of the Local Board of the Van Courtlandt District:

City of New York, President of the Borough of The Bronx, Third avenue and 177th street, Office of the President, July 16, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment:*

Dear Sir—On February 5, 1913, there was forwarded to the Board of Estimate and Apportionment a resolution adopted by the Local Board of Van Courtlandt at the meeting of December 25, 1912, providing for regulating, grading, etc., Van Courtlandt Park South, from Broadway to Mosholu Parkway South, and building steps, railings and appurtenances in said street between Van Courtlandt avenue and Gale place, together with all work incidental thereto.

Owners of property along the line of this street are very desirous of having their holdings made available for improvement and urge that the grading be done at the earliest possible date. Commissioners have been appointed in the title proceedings, and I would therefore request that preliminary authorization be granted at the next meeting of the Board, on July 31, 1913. Yours truly,

CYRUS C. MILLER, President of the Borough of The Bronx.

In Local Board of Van Courtlandt, 25th District, Borough of The Bronx.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of The Bronx; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same, and give a full hearing thereon; now therefore it is

Resolved, By the Local Board of Van Courtlandt, 25th District, Borough of The Bronx, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating, grading, setting curbstones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary in Van Courtlandt Park South, from Broadway to Mosholu Parkway South, and building steps, railings, and appurtenances in said street, between Van Courtlandt avenue and Gale place, together with all work incidental thereto, in the Borough of The Bronx, City of New York, and it is hereby

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of Van Courtlandt, 25th District, on the 23d day of December, 1912. Alderman Weil, Alderman Wilmot, and the President of the Borough of The Bronx voting in favor thereof. Negative, none.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 5th day of February, 1913.

CYRUS C. MILLER, President of the Borough of The Bronx.

The President of the Borough of The Bronx offered the following:

Whereas, The President of the Borough of The Bronx has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Van Courtlandt District, duly adopted by said Board on the 23d day of December, 1912, and approved by the President of the Borough of The Bronx on the 5th day of February, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, setting curbstones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary in Van Courtlandt Park South, from Broadway to Mosholu Parkway South, and building steps, railings, and appurtenances in said street, between Van Courtlandt avenue and Gale place, together with all work incidental thereto, in the Borough of The Bronx, City of New York."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of The Bronx to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of The Bronx has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Committee on Heights of Buildings—City Planning Exhibit—British Planning Exhibit—Appropriating Two Thousand Dollars from the Contingent Fund of the Board for the Use of the Committee on Heights of Buildings (Cal. No. 116).

The Secretary presented the following communication from the President of the Borough of Manhattan:

July 26, 1913.

To the Honorable Board of Estimate and Apportionment, New York City:

Dear Sirs—The work of the Committee on Heights of Buildings is progressing satisfactorily, and it is the expectation of the Committee that a report will be presented sometime in November. It would appear to be desirable at that time to present the results of this work as fully and publicly as possible, and this can be done most effectively through an exhibit of the charts and plans describing the alternative recommendations of the committee.

As such an exhibit would be only one part of a City plan exhibit, I beg to suggest that such a City plan exhibit be held in conjunction with the specialized demonstration of heights of buildings, and that for the purpose of getting a comprehensive view of American city planning as well as European development, the necessary steps be taken to bring to this country the British planning exhibit, and at the same time to prepare an American exhibit.

It is estimated that the cost of this would be about $4,000, and that $2,000 of this could be raised through private subscription.

I would accordingly recommend the appropriation to the Heights of Buildings Committee of $2,000 from the Contingent Fund of the Board of Estimate and Apportionment to be used in the preparation of a City planning exhibit, provided the additional sum necessary to carry out this plan, and in no case less than $2,000, be raised by private subscription. Yours very truly,

GEORGE McANENY, President, Borough of Manhattan.

The President of the Borough of Manhattan offered the following:

Whereas, The Board of Estimate and Apportionment of The City of New York is informed that the report of the Committee on the Heights of Buildings will be presented to the Board in November, 1913; and,

Whereas, It would appear to be desirable to present at that time the results of this work as fully and publicly as possible, and that this could be done most effectively through an exhibit of the charts and plans describing the alternative recommendations of the committee: be it

Resolved, That a City plan exhibit be held in conjunction with the specialized demonstration of heights of buildings, and that for the purpose of getting a comprehensive view of American city planning as well as of European development, the necessary steps be taken to bring to this country the British planning exhibit, and at

the same time to prepare an American exhibit, the estimated cost of which would be about $4,000; be it further

Resolved, That the Board of Estimate and Apportionment hereby appropriates for the Heights of Buildings Committee $2,000 from the Contingent Fund of the Board, to be used in the preparation of a City planning exhibit, provided the additional sum necessary to carry out this plan, and in no case less than $2,000, be raised by private subscription.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Approved Papers (Cal. No. 117).

The following communication from the Secretary was ordered printed in the minutes and filed:

City of New York, Board of Estimate and Apportionment, Office of the Secretary, 277 Broadway, July 31, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—I beg to inform you that his Honor the Mayor has returned to this office the following resolutions, adopted by the Board of Estimate and Apportionment July 10, 1913, and approved by him July 21, 1913, changing the map or plan of The City of New York as follows:

601. By changing the lines and grades of the street system within the territory bounded by the United States bulkhead line of Gravesend Bay, West 35th street, Neptune avenue and West 37th street; changing the grades of West 35th street between Surf avenue and the high-water line of the Atlantic Ocean; and laying out the grades of West 37th street from Surf avenue to the high-water line of the Atlantic Ocean, Borough of Brooklyn.

602. By closing and discontinuing Laurel street between Barbey street and Highland Park, Borough of Brooklyn.

603. By establishing the pier and bulkhead lines of the Bronx River from East 177th street to its mouth at the East River, and adjusting the plan for adjoining and intersecting streets to conform therewith within the territory bounded by the easterly bulkhead line of the Bronx River, Rosedale avenue, Bronx River avenue, East 174th street, Devoe avenue, East 177th street, West Farms road, Edgewater road and Randall avenue, Borough of The Bronx.

604. By changing the grade of the street system bounded by West 165th street, Nelson avenue, West 167th street and Anderson avenue, Borough of The Bronx.

605. By changing the lines and grades of the street system bounded by West 238th street, Fieldston road, West 244th street and Waldo avenue; and closing and discontinuing West 242d street from a point about 80 feet east of Greystone avenue to Waldo avenue, Borough of The Bronx.

606. By changing the grades of the street system bounded by Kingsland avenue, Mace avenue, Lodovick avenue and Astor avenue, Borough of The Bronx.

608. By changing the northerly line of Fordham road between Marion avenue and Decatur avenue, Borough of The Bronx.

609. By changing the lines of the street system within the territory bounded by Collins avenue, Arctic street, Gage place, Eliot avenue, Fresh Pond road, Metropolitan avenue and Caspian street, 2d Ward, Borough of Queens.

610. By changing the lines and grades of the street system bounded by the East River, Orchard street and Monson street, 1st Ward, Borough of Queens.

611. By changing the grades of the street system within the territory bounded by 13th avenue, Jamaica avenue, 16th avenue and Broadway, 1st Ward, Borough of Queens.

613. By changing the lines and grades of the street system bounded by Barrett boulevard, Duer lane, Woodstock street and Richmond turnpike, 1st Ward, Borough of Richmond.

The following resolutions were adopted by the Board on July 10, 1913, and approved by the Mayor at the meeting held on the same date:

600. Resolution changing the map or plan of The City of New York, by laying out the lines and grades of West 190th street from Fort Washington avenue to Overlook terrace, and from Bennett avenue to a point about 116 feet westerly therefrom; and changing the lines and grades of the tunnel street between Bennett avenue and Riverside Drive, Borough of Manhattan.

607. Resolution changing the map or plan of The City of New York by changing the lines and grades of Fort Schuyler road between Waterbury avenue and Eastern boulevard, and adjusting the grades of the adjoining streets to conform therewith, Borough of The Bronx.

612. Resolution changing the map or plan of The City of New York by changing the lines and grades of the street system within the territory bounded approximately by Digby street, Jerome avenue, Vanderveer avenue, Liberty avenue, Thedford avenue, Dalrymple avenue, Perkins street and Liberty avenue, 4th Ward, Borough of Queens.

Respectfully, JOSEPH HAAG, Secretary.

The following Public Improvement matters not on the Calendar for this day were considered by unanimous consent:

Changing the Grade of Adams Street Between Morris Park Avenue and the New York, New Haven & Hartford Railroad, and the Grade of Van Nest Avenue, from Van Buren Street to East 180th Street, Borough of The Bronx (No. 118.)

The President of the Borough of The Bronx presented the following:

City of New York, President of the Borough of The Bronx, Office of the Commissioner of Public Works, July 29, 1913.

Mr. Jos. HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, City:

Dear Sir—I transmit herewith for consideration and adoption by your Board "Map showing the change of grade of Adams street between Morris Park avenue and the New York, New Haven & Hartford Railroad, and of the intersecting streets affected thereby (amendment to section 37), dated July 29, 1913."

This change is desired in order to, in a measure, reduce the gradients on Adams street. While the change will increase the cost of the physical improvement of the street to some extent, a majority of the interested owners of the frontage are strongly in favor of same, as indicated at the hearing before the Local Board of Chester of July 28, 1913. Respectfully,

THOMAS W. WHITTLE, Commissioner.

The President of the Borough of The Bronx offered the following resolution:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Gerater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grade of Adams street between Morris Park avenue and the New York, New Haven and Hartford Railroad; and of Van Nest avenue between Van Buren street and East 180th street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated July 29, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 28th day of August, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 28th day of August, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Paving Onderdonk Avenue from Elm (Hart) Street to Suydam Street, Borough of Queens (No. 119).

(Preliminary Authorization.)

The President of the Borough of Queens presented the following communication and resolution of the Local Board of the Newtown District, Borough of Queens:

The City of New York, Office of the President of the Borough of Queens, Long Island City, July 30, 1913.

JOSEPH HAAG, *Esq., Secretary of the Board of Estimate and Apportionment:*

Dear Sir—Referring to my communication to you of July 16, 1913, asking that you place on the Calendar of your Board for July 31 the resolution of the Newtown Local Board for regulating and paving Onderdonk avenue from Elm (Hart) street to Suydam street, 2d Ward, President Connolly directs me to advise you that at its meeting held July 29, the Newtown Local Board adopted a resolution for the construction of receiving basins and appurtenances on Onderdonk avenue, at the easterly corner of Suydam street and the easterly corner of Hart street, 2d Ward, under section 435 of the Charter.

These basins can be constructed before the final authorization of the paving improvement by your Board. Yours respectfully,

HUGH HALL, Secretary to the President.

In the Local Board of the Newtown District.

Whereas, A petition for a local improvement described below has been received by the President of the Borough of Queens; and

Whereas, He has appointed a time for a meeting of this Local Board not more than fifteen days after the receipt by him of the said petition, at which meeting the said petition would be submitted by him to the said Local Board, and he has caused a notice to be published in the CITY RECORD that said petition has been presented to him and is on file in his office for inspection, and of the time when and the place where there would be a meeting of this Local Board at which the said petition would be submitted by him to the said Board, which time was not less than ten days after the publication of this notice; and

Whereas, The said petition was duly submitted thereafter to the said Local Board, which did duly consider the same and give a full hearing thereon; now therefore it is

Resolved, By the Local Board of the Newtown District, pursuant to titles 2 and 3 of chapter 10 of the Greater New York Charter, that the said petition be and the same hereby is granted; and it is hereby

Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit: For regulating and paving with a permanent pavement consisting of vitrified blocks on a concrete foundation six inches in thickness, together with all work incidental thereto, in Onderdonk avenue from Elm (Hart) street to Suydam street, 2d Ward of the Borough of Queens; and it is hereby further

Resolved, That a copy of this resolution be transmitted forthwith to the Board of Estimate and Apportionment for its approval.

Adopted by the Local Board of the Newtown District on the 6th day of June, 1913, Aldermen Gelbke, Dujat and O'Connor, and Joseph Flanagan, Commissioner of Public Works, voting in favor thereof.

Attest: HUGH HALL, *Secretary.*

Approved July 15, 1913.

MAURICE E. CONNOLLY, President of the Borough of Queens.

The President of the Borough of Queens offered the following:

Whereas, The President of the Borough of Queens has transmitted to the Board of Estimate and Apportionment a copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 6th day of June, 1913, and approved by the President of the Borough of Queens on the 15th day of July, 1913, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating and paving with a premanent pavement consisting of vitrified blocks on a concrete foundation six inches in thickness, together with all work incidental thereto, in Onderdonk avenue from Elm (Hart) street to Suydam street, 2d Ward of the Borough of Queens."

—and which resolution is accompanied with an approximate estimate of the cost of the work and the assessed value of the property benefited.

Resolved, That the Board of Estimate and Apportionment hereby authorizes the President of the Borough of Queens to prepare plans, specifications and an estimate of cost based on actual survey, and also to secure a determination of the boundary of the district of assessment; the entire expense of the work done subsequent to the date of this authorization to be charged against the Street Improvement Fund and later included in the assessment.

Resolved, That the Board of Estimate and Apportionment will consider the authorization of the construction of the said proposed improvement after the President of the Borough of Queens has submitted a statement showing that all of the above described work has been done, that he has secured the approval of the form of contract by the Corporation Counsel, that he is prepared to place the improvement under contract as soon as he receives the consent of the Board, and that the assessment map will be completed on or before the date of payment on acceptance; this report being accompanied by a further statement showing the quantity of work to be performed under each item and the unit price thereof, the expense incurred for preliminary work, the allowance to be made for additional engineering and contingencies, the total probable cost, and the number of working days to be allowed the contractor for carrying out the work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond--16.

Regulating and Grading Pettit Place from Ithaca Street to Broadway Borough of Queens (No. 120).

(Final Authorization.)

The President of the Borough of Queens presented the following report of the Chief Engineer:

Report No. 12961. July 30, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the Acting President of the Borough of Queens, advising that all of the conditions imposed by the Board prior to the authorization of the following local improvement have been complied with:

Grading, curbing and flagging Pettit place from Ithaca street to Broadway.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on May 15, 1913, at which time information was presented to show that its probable cost would be about $4,000. The Acting Borough President states that the time to be allowed for the completion of the improvement is 45 days, and that the expense incurred for the preliminary work amounts to $47.59.

The work to be done comprises the following: 3,810 cubic yards earth and rock excavation, 1,850 linear feet new and old curbing, 8,850 square feet new and old flagging. The cost of the improvement is now estimated to be $5,700.

I see no reason why the construction work required to carry out this improvement should not be authorized and would recommend such action.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The President of the Borough of Queens offered the following:

A copy of a resolution of the Local Board of the Newtown District, duly adopted by said Board on the 15th day of September, 1911, and approved by the President of the Borough of Queens on the 22nd day of September, 1911, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That this Board does hereby initiate proceedings for the said local improvement, to wit:

"For regulating, grading, curbing and laying sidewalks and crosswalks in Pettit place (Newtown avenue), from Ithaca (Fourth) street to Broadway, Second Ward of the Borough of Queens."

—and thereupon, on the 15th day of May, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Queens to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Queens had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Queens, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work or improvement, together with the preliminary expenses, will be the sum of $5,700, and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $100,000, having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby

authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Changing the Width of the Roadway and Sidewalks of 59th Street, from Columbus and 9th Avenues to Columbus Circle, Borough of Manhattan (No. 121).

The President of the Borough of Manhattan offered the following resolution:

Resolved, By the Board of Estimate and Apportionment of the City of New York that all ordinances, resolutions, permits or licenses heretofore adopted, issued or granted by the City of New York, or by any board, body, council or officer thereof, or by any department, division, bureau or officer thereof, with relation to the widths of roadway and sidewalks on Fifty-ninth street, between the easterly curb lines of Columbus avenue and Ninth avenue and the westerly curb line of Columbus Circle, Borough of Manhattan, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the widths of roadway and sidewalks on 59th street, between the easterly curb lines of Columbus avenue and 9th avenue and the westerly curb line of Columbus Circle, be and they are hereby established as follows:

The width of said roadway shall be 34 feet.

The widths of said sidewalks shall be not less than 13 feet.

—and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby directed to construct said roadway to the said width of 34 feet, and the said sidewalks to the said widths of 13 feet from the curb line in accordance with the foregoing resolution; and he is further hereby authorized and directed to remove, or cause to be removed, all portions of vaults which may be found to exist below the elevation of the curb and extending beyond the new curb line, as above established, which are not altered by the occupants of said vaults, or the owners of the adjoining property, so as to make possible the physical change in roadway and sidewalk widths in conformity with the requirements of this resolution, and to the satisfaction of the Borough President.

After hearing Dr. Abraham Korn in opposition to the proposed improvement the resolution was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Bullion Street (Skillman Avenue) Between Kingsland Avenue and Debevoise Avenue, and Outlet Sewer in Bullion Street (Skillman Avenue), Between Debevoise Avenue and Morgan Avenue, Borough of Brooklyn (No. 122).

(Final Authorization.)

The President of the Borough of Brooklyn presented the following report of the Chief Engineer:

Report No. 12960. July 29, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the President of the Borough of Brooklyn advising that all of the conditions imposed by the Board prior to the authorization of the following local improvement have been complied with:

Sewer in Skillman avenue (Bullion street), between Kingsland avenue and Morgan avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on July 10, 1913, at which time information was presented to show that its probable cost would be about $3,500. The Borough President states that the time to be allowed for the completion of the imprvement is 50 days, and that the expense incurred for the preliminary work amounts to $35.50.

The work to be done comprises the following: 45 linear feet 18-inch pipe sewer, 416 linear feet 15-inch pipe sewer, 550 linear feet 12-inch pipe sewer, 9 manholes, 2 receiving basins. The cost of the improvement is now estimated to be $3,600.

I see no reason why the construction work required to carry out this improvement should not be authorized and would recommend such action.

Respectfully, ARTHUR S. TUTTLE, Acting Chief Engineer.

The President of the Borough of Brooklyn offered the following:

A copy of a resolution of the Local Board of the Williamsburg District, duly adopted by said Board on the 3d day of April, 1913, and approved by the President of the Borough of Brooklyn on the 3d day of May, 1913, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Williamsburg District hereby initiates proceedings to construct a sewer in Bullion street (now Skillman avenue), between Kingsland avenue and Debevoise avenue, and an outlet sewer in Bullion street (now Skillman avenue), between Debevoise avenue and Morgan avenue."

—and thereupon, on the 10th day of July, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of Brooklyn to prepare the necessary plans, specifications and an estimate of the cost of the proposed improvement based on actual survey, and further resolving that the Board of Estimate and Apportionment will consider the authorization of the construction of the proposed improvement after the President of the Borough of Brooklyn had submitted certain statements as provided in the said resolution, and the said resolution having been duly complied with by the President of the Borough of Brooklyn, as appears by papers and documents on the files of the Board of Estimate and Apportionment, and there having been presented to the Board of Estimate and Apportionment an estimate in writing in such detail as the Board has directed that the cost of the proposed work of improvement together with the preliminary expenses, will be the sum of $3,600; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $63,710 having also been presented, it is

Resolved, That the said resolution of the Local Board be and the same is hereby approved and the construction of the local improvement therein provided for is hereby authorized. This Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but that the whole of such cost and expense, including the aforesaid preliminary expenses, shall be assessed upon the property deemed to be benefited by the said local improvement.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Suspending Action in the Proceeding for Acquiring Title to Whitlock Avenue Between Brown Place and Calamus Avenue, Borough of Queens (No. 123).

The Secretary presented the following communication from the Corporation Counsel, which was ordered printed in the minutes and filed.

City of New York, Law Department, Office of the Corporation Counsel, New York, July 28, 1913.

JOSPEH HAAG, *Esq., Secretary, Board of Estimate and Apportionment, City of New York.*

Sir—I am in receipt of your communication dated July 11, 1913, transmitting the certified copy of a resolution adopted by the Board of Estimate and Apportionment on July 10, 1913, requesting the Corporation Counsel to defer action in the matter of acquiring title to Whitlock avenue between Brown place and Calamus avenue, Borough of Queens, until further notice from your Board.

In reply I desire to state that I have referred this communication to the Commissioners of Estimate and Assessment in the above entitled proceeding, and they have suspended all meetings until further notice from your Board.

Very respectfully, C. D. OLENDORF, Acting Corporation Counsel.

FRANCHISE MATTERS.

Rapid Transit Railway—Park Avenue, Lexington Avenue Connection at Forty-second Street (Cal. No. 1).

The Board proceeded with the consideration of the communication from the Public Service Commission for the First District transmitting resolutions adopted by said Commission establishing route and general plan of construction for an additional rapid transit railway in the Borough of Manhattan, known as Park Avenue-Lexington Avenue Connection at Forty-second Street, and requesting the approval and consent of this Board thereto.

This communication was presented to the Board at the meeting of July 3, 1913, when, by resolution duly adopted, July 10 was fixed as the date for consideration, and on that date the consideration was continued until this day.

At the meeting of July 3, 1913, the matter was referred to the Transit Committee, and also to the Transit Conference Committee.

An affidavit of publication of the notice of continued consideration was received from the CITY RECORD. Lloyd Collis, representing the Lexington Avenue Association and the Fourth Avenue Improvement Association, appeared in opposition. Walter J. Solomon and Henry J. Wynn appeared in favor. The President of the Borough of Manhattan suggested approval of the route subject to cost of construction and acquisition of property and comparison in cost with a line either through 40th or 42d street. The consideration was then concluded.

The following was offered:

Whereas, The Public Service Commission for the First District has duly determined upon a route or routes and general plan of construction of a rapid transit railway for the conveyance of persons and property, to be established in The City of New York in addition to the already existing lines, and did by resolution of June 27, 1913, adopt such route or routes and general plan, being more particularly known as "Park Avenue Connection at Forty-second Street"; and,

Whereas, Thereafter said Public Service Commission for the First District did transmit to the Board of Estimate and Apportionment of The City of New York a copy of the plans and conclusions for said route or routes as adopted, which plans and conclusions were received by said Board of Estimate and Apportionment on the 3d day of July, 1913, at a meeting of the said Board of Estimate and Apportionment duly held on said day; and,

Whereas, Said Board of Estimate and Apportionment, by resolution duly adopted at said meeting, did appoint a day not less than one week nor more than ten days after the receipt thereof for the consideration of such plans and conclusions, to wit, the 10th day of July, 1913, at 10.30 o'clock a. m., when said consideration was continued until July 31, 1913, and was then concluded; and,

Whereas, The plans and conclusions are fully set forth in the resolutions of said Public Service Commission for the First District, adopted June 27, 1913, and which resolutions are as follows:

Resolutions Adopted by the Public Service Commission for the First District, June 27, 1913, Park Avenue-Lexington Avenue Connection at Forty-second Street.

(Route No. 43.)

Whereas, The Public Service Commission for the First District has determined that a rapid transit railroad for the conveyance and transportation of persons and property, in addition to those already existing, authorized or proposed, is necessary for the interest of the public and of The City of New York and should be established therein as hereinafter provided, and,

Whereas, This Commission has duly made the inquest and investigation necessary or proper in the premises and all such inquests and investigations as are necessary or proper for such determination.

Now, Therefore, This Commission does hereby adopt the following route for an additional rapid transit railroad in the City of New York, and does hereby determine and establish the said additinal route thereof as follows, and does hereby adopt a general plan of construction of the said railroad, the route of which is herein provided, and does in such general plan hereby adopted show the general mode of operation and such details as to manner of construction as may be necessary to show the extent to which any street, avenue or other public place is to be encroached upon and the property abutting thereon affected.

This Commission in adopting the said route and general plan expressly reserves all the powers in relation to the construction of the said route which are conferred upon it by the Rapid Transit Act.

Route.

A route lying wholly within the Borough of Manhattan beginning at a point under Park avenue about midway between East 38th street and East 39th street and thence extending northerly under Park avenue to a point therein at or near East 41st street; thence curving northeasterly under Park avenue and East 41st street to a point in private property in the block bounded by Park avenue, East 41st street, Lexington avenue and East 42d street; thence continuing northeasterly through private property in said block and crossing diagonally under East 42d street to a point in private property in the block bounded by East 42d street, Lexington avenue, East 43d street and Depew place as the same formerly existed; thence continuing northeasterly through private property in said block to a point therein at or near Lexington avenue; thence curving northerly through private property in said block and under Lexington avenue and East 43d street to a point in Lexington avenue at or near East 43d street; thence continuing northerly under Lexington avenue to a point therein at or near the centre line of East 46th street. This route shall connect in Park avenue with the present Manhattan-Bronx Rapid Transit Railroad and shall connect in Lexington avenue with Section 5-O of the Lexington Avenue Route as heretofore adopted and approved.

General Plan of Construction.

The general plan of construction hereby adopted for the foregoing route is as follows:

For the entire route there shall be four (4) tracks. All the tracks shall be placed in subway or tunnel.

The tracks from a point at or near East 41st street to a point at or near East 43d street shall be substantially parallel with each other and on substantially the same level. The tracks from a point at or near East 43d street to the northerly end of the route at or near the centre line of East 46th street shall so far as practicable be substantially parallel with each other, but shall be constructed upon different levels—the two outer tracks (which shall be on substantially the same level with each other) being placed upon such levels as may be necessary to connect with the upper level tracks of the Lexington Avenue Route, and the two centre tracks (which shall be on substantially the same level with each other) being gradually depressed below the level of the outer tracks from the said point at or near East 43d street to the northerly end of the route, and being placed upon such level as may be necessary to connect with the lower level tracks of the Lexington Avenue Route. The tracks in Park avenue south of a point at or near East 41st street shall, within the limits of this general plan, be constructed upon such lines and grades as shall be most practicable and convenient for the purpose of making a connection with the Manhattan-Bronx Rapid Transit Railroad. Provided, however, that wherever the tracks shall be placed upon different levels none of the tracks shall be depressed below the level of the other track or tracks to a depth of more than thirty (30) feet; and provided further that in Park avenue (except on the easterly side thereof at the curve at and near East 41st street) no wall of the tunnel or tunnels or any part thereof shall be within a distance of five (5) feet of the exterior line or side of Park avenue. For the portion of the route in Lexington avenue any part of said avenue may be occupied so far as the purposes of this general plan shall require.

The tracks for any portion of the route between the southerly end of the route about midway between East 38th street and East 39th street and a point at or near East 41st street may be constructed in the same tunnel or there may be separate tunnels for one or more tracks as shall be most practicable and convenient and at and near the point or points of connection with the tracks of the Manhattan-Bronx Rapid Transit Railroad may be constructed in and occupy in whole or in part the same tunnels as the said Manhattan-Bronx Rapid Transit Railroad. The tracks for the portion of the route between a point at or near East 41st street and a point at or near East 43d street shall be constructed in the same tunnel. And the tracks for any portion of the route between a point at or near East 43d street and the northerly end of the route at or near the centre line of East 46th street may be constructed in the same tunnel or there may be separate tunnels for one or more tracks as shall be most practicable and convenient.

The roof of the tunnels when under the street shall be as near the surface of the street as street conditions and grades and the connections with the Lexington Avenue Route and the Manhattan-Bronx Rapid Transit Railroad will conveniently permit.

For the portion of the route between a point at or near East 41st street and a point at or near East 43d street where the tracks shall be constructed in the same tunnel there shall be a width in the tunnel not exceeding one hundred and thirty (130) feet, in addition to the thickness of the supporting walls, and such tunnel shall not be more than thirty (30) feet high in the clear. For the portion of the route between a point at or near East 43d street and the northerly end of the route at or near the centre line of East 46th street there shall be a width in the tunnel or tunnels not

exceeding fifteen (15) feet for each track contained therein, in addition to the thickness of the supporting walls, except that at the curve at and near East 43d street such width may be increased so far as necessary; and if the tracks shall be placed in the same tunnel, such tunnel shall not be more than thirty-six (36) feet high in the clear, and if the tracks shall be placed in different tunnels, each tunnel shall not be more than sixteen (16) feet high in the clear. And for the portion of the route between a point at or near East 41st street and the southerly end of the route about midway between East 38th street and East 39th street there shall be a width in the tunnel or tunnels not exceeding fifteen (15) feet for each track contained therein, in addition to the thickness of the supporting walls, except that at the curve at and near East 41st street and at other points where special conditions shall so require such width may be increased so far as necessary; and such tunnel or tunnels shall not be more than sixteen (16) feet high in the clear.

The roof of the tunnels shall be of iron or steel with brick or concrete arches, supported by iron or steel or masonry columns or resting upon masonry walls; or the roof may be a masonry structure; or the whole of the lining may be of metal.

Adjacent tracks may be connected by necessary and suitable switches and connections, and additional track not exceeding seven hundred (700) feet in length may be constructed for siding accommodations.

The tracks shall be of standard gauge, that is to say, of the width of four (4) feet and eight and one-half (8½) inches between the gauge lines.

There may be a station between a point at or near East 41st street and a point at or near East 43d street. Such station with necessary and suitable station entrances and approaches may be built under the streets and through private property to be acquired for the purpose. The streets under which such station and station entrances and approaches may be built shall include cross streets, but no part of any cross street shall be used for such station or station entrance or approach at a distance greater than seventy-five (75) feet from the exterior line or side of Lexington avenue or Park avenue. The entire width of 42d street from Park avenue to Lexington avenue or any portion thereof may be used for the purposes of such station or station entrances or approaches.

Pipes, wires, sewers and other subsurface structures at any part of the said route shall be removed or disturbed only when necessary for the construction or operation of the railroad above referred to, and if removed or disturbed shall be placed under the several streets in such manner and in such location that the use and service thereof shall not be impaired. Such pipes, wires, sewers and other subsurface structures shall be left or shall be so arranged as to give free access for their repair or alteration or for the placing with them, so far as there may be space, of new pipes, wires, sewers and other like structures, and for making connections between the same and abutting buildings at any time.

The manner of construction shall be by tunneling or excavation under cover, except that in cases of necessity this Commission may permit construction in open cut of specified portions for such time as may be necessary, and except also that within the limits of private property through which the route passes, the manner of construction may be by open excavation.

In parks, parkways and public places under the jurisdiction of the Department of Parks, all trees injured or destroyed in the course of construction shall, so far as possible, be replaced under the direction and to the satisfaction of the said Department.

Mode of Operation.

The general mode of operation of the route above described shall be by electricity or some other power not requiring combustion within the tunnels, and the motors or other means of transmitting power shall be capable of moving conveyances at a speed of not less than forty (40) miles per hour for long distances, exclusive of stops.

Definitions.

The word "street" wherever used herein shall include an avenue or public place.

The words "Rapid Transit Act" wherever used herein shall be taken and held to mean Chapter 4 of the Laws of 1891, entitled "An Act to provide for rapid transit railways in cities of over one million inhabitants," as amended by Chapter 752 of the Laws of 1894 and other Acts of the Legislature.

Map or Drawing.

It is Further Resolved, That the map or drawing entitled "State of New York Public Service Commission for the First District Engineering Department Routes and General Plan Route No. 43 Park Ave.-Lexington Ave. Connection at 42d Street, Borough of Manhattan," marked "43, Sheet No. 1," dated Jun. 26th, 1913, and signed by Afred Craven, Chief Engineer, be and hereby is adopted as showing the foregoing route and general plan for convenience merely, and that said map or drawing is not to be deemed a part of the description of the route or a part of the general plan for any purpose whatever.

Now, Therefore, be it

Resolved, That the Board of Estimate and Apportionment of The City of New York, by a majority vote according to the number of votes by law pertaining to each member of the Board, hereby approves such plans and conclusions and consents to the construction of a railway or railways in accordance therewith.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond.—16.

The Brooklyn and North River Railroad Company (Cal. No. 2).

The public hearing was opened on the form of contract for the grant of a franchise to The Brooklyn and North River Railroad Company to construct, maintain and operate a double track street surface railway upon and along Flatbush Avenue Extension, from Fulton street to Nassau street, Borough of Brooklyn, and upon, along and over the Manhattan Bridge and its approaches to and connecting with the existing tracks in Canal street, Borough of Manhattan.

The Company proposes to operate from Canal street and the Bowery to the North River through trackage agreements with the existing companies.

By resolution adopted June 5, 1913, the hearing was fixed for July 10, 1913, and on that date was continued until this day at the request of the Acting President of the Board of Aldermen and the President of the Borough of Brooklyn.

An affidavit of publication of the notice of the continued hearing was received from the City Record. Almet R. Latson, counsel for the Manhattan Bridge Three Cent Line appeared in opposition. Charles L. Woody, counsel for the company, appeared in favor. No one else desiring to be heard the Chair declared the hearing closed.

The following was offered:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Brooklyn and North River Railroad Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions, including the provisions as to rates, fares and charges, upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of the City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of the City of New York, as follows, to wit:

This contract, made this.....day of....., 19..., by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and The Brooklyn and North River Railroad Company (hereinafter called the Company), party of the second part, witnesseth:

Whereas, The Brooklyn Heights Railroad Company, The Nassau Electric Railroad Company, the Metropolitan Street Railway Company, the Third Avenue Railroad Company, the Dry Dock, East Broadway and Battery Railroad Company and the Coney Island and Brooklyn Railroad Company, did, on December 15, 1911, enter into a so-called participating agreement, as follows:

The Brooklyn Heights Railroad Company, the Nassau Electric Railroad Company, the Metropolitan Street Railway Company, the Third Avenue Railroad Company, the Dry Dock, East Broadway and Battery Railroad Company and Coney Island and Brooklyn Railroad Company (called participating companies) agree to unite in organizing New Company for purpose of constructing and operating a line running generally from North River via Canal Street, Manhattan Bridge and Flatbush Avenue Extension to Fulton Street—called Local Railroad—and between termini of Bridge, called Bridge Line.

Capital to be sufficient for construction and equipment of line and to be subscribed for in following proportions by participating companies:

Brooklyn Heights R. R. Co. & Nassau Electric R. R. Co.....	25%
Metropolitan Street Railway Co.....	25%
Third Avenue R. R. Co. and Dry Dock, East Broadway & Battery Railroad Company	25%
Coney Island and Brooklyn Railroad Co.....	25%

Fare to be five cents for one continuous ride, except that fare on Bridge Line only will be three cents, with two tickets for five cents.

For fare of five cents on Local Railroad each passenger to be entitled to one transfer to intersecting lines of participating companies, and intersecting lines of participating companies to issue transfers to Local Railroad on payment of five cent fare. No transfers to be issued upon transfers by Local Railroad, and none by participating companies.

Inasmuch as the principal portion of the business of the Local Railroad is likely to be traffic represented by transfers issued or received on said Local Railroad, and issued or received by said participating companies, in addition to the traffic now carried by said participating companies exclusively, but likely to be diverted to said Local Railroad, and any satisfactory division of receipts from such traffic and of the expense of hauling such traffic is impossible of determination in advance between the New Company and each of the participating companies, therefore, in order to procure the co-operation of all of said participating companies the following arrangement is agreed upon, to wit:

Each participating company shall retain the fares collected upon its lines and represented by transfers to the Local Railroad, and shall have the right to redeem the transfers received by it from the Local Railroad at the minimum rate of 1⅔ cents per transfer thus redeemed.

If, however, at the end of any year's operation, any of the participating companies should not be satisfied that the aforesaid minimum rate for the redemption of transfers received by it from the Local Railroad is sufficient, then the New Company shall increase the redemptive value of such transfers to a rate that may be equitable, but not to exceed two cents for transfers thus redeemed, and provided said increased rate thus established shall leave remaining a profit of at least ten (10%) per cent. on the stock of the New Company from the operations of its railroad, and in the event that there should be any difference between any such participating company and the New Company as to the rate at which such transfers received from the Local Railroad by the participating companies should be redeemed, such difference shall, at the option of either party, be determined by arbitration in the usual manner, but such arbitration shall not fix the aforesaid redemptive rate at less than 1⅔ cents, nor more than two cents per transfer.

Edward A. Maher, General Manager for the Receiver, Third Avenue Railroad Co.; S. W. Huff, President, Coney Island and Brooklyn Railroad Company; T. S. Williams, President, The Brooklyn Heights Railroad Company; C. D. Meneely, Vice-President, The Nassau Electric Railroad Company; Adrian H. Joline, Douglas Robinson, as Receivers, Metropolitan Street Railway Company; Edward A. Maher, General Manager for Receiver, Dry Dock, East Broadway and Battery Railroad Company.

December 15, 1911.

Whereas, The New Company provided for in said agreement has been organized by a certificate of incorporation filed in the Office of the Secretary of State on December 30, 1911, under the name of the Brooklyn and North River Railroad Company;

Now, therefore, in consideration of the making of such participating agreement by the said companies, and of the terms thereof, particularly those which relate to the through operation of cars by the new company from North River, Borough of Manhattan, to Fulton Street, Borough of Brooklyn, and the issue and receipt of transfers for a single fare of five (5) cents, and for the purpose of enabling such through operation, issue and receipt of transfers, and in further consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the following rights and privileges:

First—To construct, maintain and operate a double track street surface railway, with the necessary wires and equipment, for the purpose of conveying passengers and property in the Borough of Manhattan and Brooklyn, in the City of New York, upon the following route, to wit:

Beginning at a point in Flatbush Avenue Extension at its intersection with Fulton Street; thence in and upon Flatbush Avenue Extension to its intersection with Nassau Street; thence in, upon and across Nassau Street to the northerly side thereof, to a point where connection can conveniently be made with the tracks upon the Manhattan Bridge to be used by the Company, all in the Borough of Brooklyn.

And to cross such other streets and avenues named and unnamed, as may be encountered in said route. Provided, however, that nothing in this contract shall be construed as permitting the construction or existence of more than a double track street surface railway in any portion of the route above specified.

The said route, with turnouts, switches and crossovers, hereby authorized, is shown upon a map entitled:

"The Brooklyn and North River R. R. Co. Map showing proposed railway of the Brooklyn and North River R. R. Co., in the Boroughs of Brooklyn, Manhattan, City of New York, to accompany petition to the Board of Estimate and Apportionment, dated January 3, 1912,"

—and approved by Edward A. Maher, President, and Henry J. Kolb, Civil Engineer; a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that deviations therefrom and additional turnouts, switches and crossovers which are consistent with the foregoing description, and the other provisions of this contract, may be permitted by resolution of the Board.

Second—To operate the cars of the Company on two tracks when constructed upon the Manhattan Bridge and approaches thereto; such tracks to be assigned to the Company by the Commissioner of Bridges, beginning at a point on the northerly side of Nassau Street, where connection can conveniently be made with above tracks in Nassau Street; thence upon and along land acquired for the Manhattan Bridge terminal in the Borough of Brooklyn to the approach to the Manhattan Bridge; thence upon and along said approach to the Manhattan Bridge; thence upon and along the Manhattan Bridge to the approach thereto in the Borough of Manhattan; thence upon said approach to land acquired for the Manhattan Bridge terminal in the Borough of Manhattan; thence upon and along said land to Canal Street, and there connecting with the existing tracks or tracks to be substituted therefor in Canal Street.

The said route is more particularly shown on the map hereinbefore referred to.

The routes described in paragraphs first and second of this section are to be operated by the company as a part of a continuous route running from the intersection of Flatbush Avenue and Fulton Street, in the Borough of Brooklyn, along the Flatbush Avenue extension to and across the Manhattan Bridge and its approaches to Canal Street, in the Borough of Manhattan, and by means of trackage agreements with other companies along Canal Street and other streets to the Desbrosses Street Ferry at the North River.

The said continuous route is shown by red and blue lines on the map hereinbefore referred to.

Sec. 2. The grant of the right or privilege to construct, maintain and operate said railway in and upon Flatbush Avenue Extension from Fulton Street to the northerly side of Nassau Street, is subject to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within six (6) months from the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained within such time, the Company shall, within said six (6) months or within one (1) month thereafter, make application to the Appellate Division of the Supreme Court for the appointment of commissioners in the manner provided by the Railroad Law to determine if said railway ought to be constructed; otherwise this grant shall cease and determine.

Second—Nothing in this consent shall be deemed to affect in any way the right of the City to grant to any other corporation or to any individual a similar right or privilege upon the same or other terms and conditions in and upon said Flatbush Avenue Extension from Fulton Street to the northerly side of Nassau Street, and the Company shall not at any time oppose, but shall consent to the construction and operation of any street surface railway by any such other corporation or individual which may receive a franchise therefor from the City, and which may necessitate

the use of any portion of the railway which shall be constructed or operated by the Company upon said Flatbush Avenue Extension.

Should the City at any time during the term of this contract grant to any other corporation or to any individual the right or privilege to operate a railway upon the tracks of the Company, upon said Flatbush Avenue Extension, or any portion thereof, then the City shall, within thirty (30) days thereafter, give notice to the Company that such right has been granted, and of the name of the corporation or individual to which such right has been granted.

At the expiration of ninety (90) days after the giving of such notice, such individual or corporation shall have the right to begin the operation of cars upon the tracks of the Company upon said Flatbush Avenue Extension, or any portion thereof, over which such corporation or individual may receive a right or privilege, and to use therefor the tracks, equipment, power and all other property of the Company which shall be necessary in the operation of the cars of such individual or corporation upon the tracks of the Company and shall have the right to continue such operation until this contract, or the right to use such property under the terms of this contract granted said corporation or individual by the City, shall expire. Such corporation or individual shall pay to the Company for the right to use such tracks, equipment, power and other property above described, such sum or sums as may be agreed upon in writing by such corporation or individual and the Company within said ninety (90) days, or in the event that such agreement cannot be reached within said ninety (90) days, such sum or sums as shall be determined in the manner hereinafter provided for.

If the Company and such corporation or individual cannot, prior to the expiration of said ninety (90) days agree upon the compensation for the use of such tracks, then such compensation shall be fixed by three arbitrators selected in the following manner:

One fit and impartial person shall be chosen by the Company; one fit and impartial person shall be chosen by such corporation or individual, and the two so chosen shall choose a third fit and impartial person. The decision under oath of any two of said persons who shall be so selected shall be final and conclusive.

The compensation and expenses of the persons selected as arbitrators in the determination of such sum or sums shall be borne by the individual or corporation to which such right may be granted.

Within thirty (30) days after an agreement shall have been reached between said parties, or in case said agreement cannot be reached before the time specified herein, then within thirty (30) days after the determination of the arbitrators, as herein provided, should two of such arbitrators agree, the said parties shall file a duplicate copy of a written agreement with the Board which shall specify the sum or sums which shall have been agreed to by the said parties or determined by said arbitrators as the sum or sums which such corporation or individual shall pay to the Company for said privilege. If the Company fails to file the same with the Board within said thirty (30) days, then the right herein granted shall cease and determine.

If either party fails to appoint an arbitrator, as herein provided, or should the first two arbitrators fail to agree on the selection of a third arbitrator within thirty (30) days after the expiration of said ninety (90) days, or if no two of said arbitrators so selected agree upon the sum or sums to be paid by such individual or corporation within sixty (60) days after they shall have been so selected, then such sum or sums shall be fixed by the Supreme Court upon the application of either party.

Third—Upon the termination of this original contract, or, if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the tracks and equipments of the Company constructed pursuant to this contract within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of its tracks and other equipment constructed pursuant to this contract and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Fourth—The Company shall commence construction of the railway herein authorized within six (6) months from the date upon which the consents of the property owners are filed with the Board, or from the date of the order of the Appellate Division of the Supreme Court, made pursuant to Section 174 of the Railroad Law, confirming the determination of the commissioners uppointed thereunder that such railway ought to be constructed, and shall complete the construction and place the same in full operation within twelve (12) months from the date of filing such consents or the date of such order, otherwise this right shall cease and determine, and all sums which may be deposited with the Comptroller of the City, as hereinafter provided, shall thereupon be forfeited to the City; provided that the period for commencement and the period for completion and placing the railway in full operation may be extended by the Board, but the total extension of time for either of such periods shall not exceed in the aggregate six (6) months; and provided further, that when the commencement or completion of said construction shall be prevented by legal proceedings in any court, or by works of public improvement, or from other causes not within control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the court proceedings shall be diligently prosecuted by the Company, and provided further, that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall, in writing, consent that the Board either in its own name as a party, or in the name of the City as a party, may intervene in any such proceedings.

Fifth—Said railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City.

No construction upon said railway shall be commenced until written permits have been obtained from the proper City officials.

In any permits so issued, such officials may also impose such conditions, as a condition of the granting of the same, as are necessary for the purpose of protecting any structures in the streets and avenues over which such officials have jurisdiction, and the Company shall comply with such conditions.

The electrical equipment to be installed by the Company for the operation of the railway within the limits of the City, whether the same be upon streets and avenues or upon private property, shall be constructed and maintained under the supervision and control of the Commissioner of Water Supply, Gas and Electricity.

Sixth—The portion of said railway in the Borough of Manhattan and upon the Manhattan Bridge and its terminals shall be operated by underground electric power substantially similar to the system of underground electric power now used by the street surface railways in the Borough of Manhattan; or by electric storage battery power; provided that any other power may be used, except locomotive steam power, horse power or overhead electric power, which may be lawfully used, approved by the Board and consented to by the abutting property owners in accordance with the provisions of law and by the Public Service Commission for the First District of the State of New York. The portion of said railway in the Borough of Brooklyn, except upon the Manhattan Bridge and its terminals, may be operated by overhead electric power substantially similar to the overhead electric system now in use by street surface railways in the Borough of Brooklyn; or by electric storage battery power; provided that any other power may be used, except locomotive steam power or horse power, which may be lawfully used, approved by the Board and consented to by the abutting property owners in accordance with the provisions of law and by the Public Service Commission for the First District of the State of New York.

Seventh—No wires for the transmission of power, except trolley wires, shall be permitted unless they be placed in conduits underneath or along the side of the railway. When such conduits are constructed the Company shall provide two (2) conduits not less than three (3) inches in diameter each, for the exclusive use of the City. The Company hereby agrees that such conduits shall be used only by the Company and the City, as above.

Eighth—The Company shall at all times keep the streets and avenues upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two (2) feet beyond the rails, on either side thereof, free and clear from ice and snow; provided, however, that the Company shall, at the option of the Commissioner of Street Cleaning, enter into an agreement for each winter season, or part thereof, to clean an equivalent amount of street surface from house line to house line.

Ninth—As long as said railway, or any portion thereof, remains in any street or avenue, the Company shall pave and keep in permanent repair that portion of the surface of the street or avenue in which the said railway is constructed, between its tracks, the rails of its tracks, and for a distance of two (2) feet beyond the rails on either side thereof, under the supervision of the local authorities, whenever required by them to do so, and in such manner as they may prescribe.

In case of the neglect of the Company to make pavement or repairs after the expiration of thirty (30) days' notice to do so from the President of the Borough of Brooklyn, said President may make the same at the expense of the Company. And the City shall have the right to change the material or character of the pavement of any street or avenue, and in that event the Company shall be bound to replace such pavement in the manner directed by the proper City official, at its own expense, and the provisions as to repairs herein contained shall apply to such renewed or altered pavement.

Tenth—Any alteration to the sewerage or drainage systems, or to any other subsurface or to any surface structures in the streets, required on account of the construction or operation of the railway, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Eleventh—It is agreed that the right hereby granted to operate a street surface railway shall not be in preference or in hindrance to public work of the City, and should the said railway in any way interfere with the construction of public works in the streets and avenues, whether the same is done by the City directly or by a contractor for the City, the Company shall, at its own expense, protect or move the tracks and appurtenances in the manner directed by the City officials having jurisdiction over such public work.

Twelfth—Should the grades or lines of the streets and avenues in which the railway is hereby authorized be changed at any time after the railway has been constructed and during the term of this contract, the Company shall, at its own expense, change its tracks and appurtenances to conform with such new grades and lines, and during the construction of any public improvement upon said streets and avenues, the Company shall take care of and protect the tracks and appurtenances at its own expense, all to be done subject to the direction of the City official having jurisdiction over the construction of such change.

Section 3. The grant of the right or privilege to operate cars upon two (2) tracks of the Manhattan Bridge and the approaches thereto, upon the route hereinbefore described, and to use other equipment owned by the City upon said bridge is subject to the following conditions, which shall be complied with by the Company:

First—The Company shall use only such tracks and terminal facilities as shall be assigned to the Company by the Commissioner of Bridges, and nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual or other corporation a similar right or privilege upon the same or other terms and conditions, or to affect the right of the Commissioner of Bridges to assign the same or other tracks and terminal facilities to such individual or other corporation.

Such tracks, terminal facilities and all electrical equipment necessary for the operation of cars thereon shall be originally installed at the expense of the City, and shall remain the property of the City, but the Company shall pay the cost of keeping and maintaining such tracks and electrical equipment in good order and repair, and in such manner as shall be approved and directed by the Commissioner of Bridges, and shall furnish all motive power required by the Commissioner of Bridges for the operation of its cars, and the Company shall renew any or all tracks and electrical equipment used by it upon the bridge and its terminals when directed by the Commissioner of Bridges, and in such manner as may be prescribed by him. If deemed necessary by the Commissioner of Bridges, the Company shall install and operate a system of signals to insure the safe and efficient operation of cars; such system to be approved by the Commissioner of Bridges. In the event of any necessity for changing the layout of tracks, curves, switches, sidings or platforms on the bridge, in order to facilitate operation of cars by the Company, said Company shall do all the work and furnish all the labor, material and tools necessary for effecting such changes, which shall all be made under the control and direction of the Commissioner of Bridges, and no such changes or construction connected therewith, or relating thereto, shall be made unless the plan or plans for the same have been first submitted to the Commissioner of Bridges and approved by him.

If, however, the tracks, terminal facilities and appliances herein mentioned are used by any other individual or corporation, then the Company shall bear only such proportion of the cost or work required by the terms and conditions of this subdivision as the use of such track, terminal facilities and appliances by the Company bears to the entire use of such tracks, terminal facilities and appliances.

Second—Before beginning the operation of the cars, the Company shall file with the Commissioner of Bridges a statement for his approval and assent as to the type of car which it proposes to operate, and a sketch showing clearance dimensions, weight on axles and wheel spacing, or such other information as may be required by said Commissioner. All cars operated over the bridge by the Company, and all equipment and appliances relating to such operation shall be subject at all times to the inspection of the Commissioner of Bridges, or his authorized representatives, who shall have power to forbid the entrance to the bridge of cars which may for any reason be unsatisfactory, and who shall have power to direct the removal of any old or inadequate appliance and the substitution therefor of appliances of approved character.

Said Commissioner may adopt rules and regulations in regard to the number of cars to be operated over the bridge, the rate of speed of said cars, the movement and headway thereof, the type and weight of cars to be used and the condition thereof, the switching of cars and the use of platform and the control of the electrical current used by the Company, and the said Commissioner may alter and amend any such rules and regulations so as to secure the safety and comfort of persons using the bridge and preserve the purposes for which the bridge was constructed, and, upon serving notice upon the Company that such rules and regulations have been made, amended or altered, the Company shall comply with all the requirements thereof.

Third—Nothing in this contract shall be deemed to affect in any way the right of the Commissioner of Bridges to make any alterations or changes in the construction, operation or management of the bridge, or to affect in any way the control of said Commissioner over such bridge as provided by the Charter of the City.

Fourth—The Company hereby agrees that it shall not operate any cars exclusively for a purely local service between the termini of the Manhattan Bridge, and further agrees that the route of none of the cars operated by the Company shall end at either terminal of said Manhattan Bridge.

Section 4. The grant of the said rights and privileges to construct, maintain and operate a street surface railway in and upon Flatbush Avenue Extension from Fulton Street to the northerly side of Nassau Street upon the route hereinbefore described, and upon the Manhattan Bridge and approaches thereto upon the route hereinbefore described, are both subject to the following conditions, which shall be complied with by the Company:

First—The said rights and privileges shall be held and enjoyed by the Company for the term of ten (10) years from the date upon which this contract is signed by the Mayor, with the privilege of renewal of said contract for the further period of fifteen (15) years upon a fair revaluation of the right and privilege to operate over such continuous route and for the right to use the tracks owned by the City upon the Manhattan Bridge and the approaches thereto, and the terminal loop or other terminal facilities which are the property of the City and used by the Company.

If the Company shall determine to exercise its privilege of renewal, it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time not earlier than two (2) years and not later than one (1) year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual rate of compensation to the City be fixed at a less amount than the sum required to be paid during the last year prior to the termination of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one (1) year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding fifteen (15) years shall be reasonable, and either the City (by the Board) or the Company shall be bound upon request of the other to enter into a written agreement with each other fixing the rate

of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six (6) months prior to the expiration of this original contract, and their report shall be filed with the Board within three (3) months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum shall, in any event, be less than the sum required to be paid for the last year of the original term of this contract. If in any case the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Second—The Company shall pay to the City for the privilege hereby granted the following sums of money:

(a) The sum of Fifteen thousand dollars ($15,000) in cash within three (3) months after the date on which this contract is signed by the Mayor, and before anything is done in exercise of the privilege hereby granted.

(b) During the first term of five (5) years, an annual sum which shall in no case be less than Four thousand dollars ($4,000), but which shall be equal to three (3) per cent. of its gross receipts if such percentage shall exceed the sum of Four thousand dollars ($4,000).

During the remaining term of five (5) years, an annual sum which shall in no case be less than Seven thousand dollars ($7,000), but which shall be equal to five (5) per cent. of its gross receipts if such percentage shall exceed the sum of Seven thousand dollars ($7,000).

The gross annual receipts mentioned above shall be the gross receipts from all sources within the limits of the City, less the sum or sums paid for the redemption of transfers issued, pursuant to this contract, by the Company to the intersecting or contiguous lines of the companies which are parties to the participating agreement dated and executed December 15, 1911, hereinbefore referred to, viz.:

The Brooklyn Heights Railroad Company, the Nassau Electric Railroad Company, the Metropolitan Street Railway Company, the Third Avenue Railroad Company, the Dry Dock, East Broadway and Battery Railroad Company and Coney Island and Brooklyn Railroad Company, or the successor companies of either or any of them.

The rate for such redemption shall not in any case exceed two (2) cents for each transfer so issued and redeemed.

(c) For the use of the tracks owned by the City upon the Manhattan Bridge and the approaches thereto, the sum of five cents for each round trip, or the sum of two and one-half cents for each single trip of each and every car operated upon the bridge.

The number of cars shall be certified by the Commissioner of Bridges to the Comptroller once each month, in such form as shall be designated by the Comptroller.

The annual charges shall commence on November 13, 1912.

All annual charges as above shall be paid into the treasury of the City on November 1 of each year and shall be for the amount due to September 30 next preceding. Provided that the first annual payment shall be only for that proportion of the first annual charge as the time between the date upon which this contract is signed by the Mayor and September 30 following shall bear to the whole of one year.

Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before November 1 in each year for the year ending September 30 next preceding.

The annual charges herein provided are intended to include the percentages of gross receipts now required to be paid by railway companies to the City pursuant to the Railroad Law as amended.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be made in addition to any and all txes of whatsoever kind or description, now or hereafter required to be paid by any ordinance of the City, or resolution of the Board, or any law of the State of New York.

Third—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal), notwithstanding any clause in any statute or in the charter of any other railway or railroad company providing for payment for railway or railroad rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted (whether original or renewal), or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said agreement, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof, or otherwise exemption from liability to perform each and all of the conditions of this contract.

Fourth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in any wise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Fifth—Said railway shall be constructed and operated in the latest approved manner of street railway construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railway equipment, including rolling stock and railway appurtenances, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the direction of the Board within a reasonable time, the rights hereby granted shall cease and determine.

Sixth—The rate of fare for any passenger upon the railway hereby authorized shall not exceed five (5) cents, and the Company shall not charge any passenger more than five (5) cents for one continuous ride from any point on its road, or on any road, line or branch operated by it or under its control to any other point thereof or any connecting branch thereof within the limits of the City, and the Company shall not charge a rate of fare for any passenger of less than five (5) cents for one continuous ride upon any part of the route hereby authorized, where said route is identical with the route upon which cars shall be operated by the Manhattan Bridge Three Cent Line, by virtue of its franchise granted by contract dated July 10, 1912, without the consent of the Board, except that the Company shall and must charge a fare of but three (3) cents for a single ride between the termini of the Manhattan Bridge, and shall and must sell tickets for two (2) of such rides between the termini of said Bridge, in either direction, for five (5) cents.

The Company shall not charge any passenger desiring to ride on any car operated by the Company from one terminal of the Manhattan Bridge to the other terminal thereof, but no further, a fare exceeding three (3) cents for each of such rides, and the Company shall at all times have for sale tickets at the rate of two tickets for five (5) cents, each of which shall entitle a passenger to ride across said bridge between the termini thereof, upon any of the cars of the Company; and the Company shall not charge any passenger for a ride between the termini of the Manhattan Bridge a rate of fare less than three (3) cents for each single ride, nor sell tickets entitling a passenger to such ride at the rate of less than two tickets for five (5) cents, without the consent of the Board.

It being the intention and of the essence of this contract:

1. That the railway hereby authorized shall be operated by the Company as part of a continuous line from Fulton Street, Brooklyn, to Desbrosses Street Ferry, Manhattan, under the franchise, rights and privileges herein granted and on the route herein specified, and from the termination of the route herein specified at the terminal of the Manhattan Bridge, in the Borough of Manhattan, to Desbrosses Street Ferry, in said Borough, by way of Canal Street and other necessary streets, under trackage agreements with such of the companies named in the participating agreement hereinbefore referred to, or the successor companies of either or any of them, as hold valid franchises to operate on said Canal Street and such other necessary streets.

2. That transfers shall be exchanged for a single fare between the through or continuous line of railway to be operated as above, and the intersecting lines in the Borough of Manhattan, and intersecting or contiguous lines in the Borough of Brooklyn, of such participating companies and the successor companies of either or any of them.

—it is further provided that the rate of fare for any passenger from any point on such through or continuous line operated by the Company to any point on any line of any of the participating companies and the successor companies of either or any of them operating in the Borough of Manhattan which intersects such through or continuous line, and to any point on any line of any of the participating companies and the successor companies of either or any of them operating in the Borough of Brooklyn, which intersects or is operated on a route or routes within five hundred feet of the Brooklyn terminus of said through or continuous line, and from any point on any line of any of the participating companies and the successor companies of either or any of them operating in the Borough of Manhattan, which intersects such through or continuous line operated by the Company, and from any point on any line of any of the participating companies and the successor companies of either or any of them in the Borough of Brooklyn, which intersects or is operated on a route or routes within five hundred feet of the Brooklyn terminus of the said through or continuous line operated by the Company to any point on such through or continuous line operated by the Company, shall not exceed five (5) cents, and for this purpose transfers shall be issued and received by the Company and the participating companies and the successor companies of either or any of them upon payment of said single fare of five (5) cents. But neither the Company nor any of the participating companies shall by this contract be required to issue transfers upon transfers or more than one transfer for said single fare of five (5) cents, nor shall the Company be required by this contract to issue transfers upon the payment of said single fare of three cents or to any passenger tendering a ticket, as above provided, for transportation between the termini of the Manhattan Bridge.

The Company shall carry free upon the railway hereby authorized during the term of this contract, all members of the Police and Fire Departments of the City when such employees are in full uniform.

It is understood and agreed that nothing herein contained shall be construed as limiting the present or future jurisdiction of any body or official to which the legislature of the State of New York has delegated or may delegate its powers to regulate the rate of fare to be charged upon such railway of the Company.

Seventh—No cars shall be operated upon the railway hereby authorized other than passenger cars, cars for the transportation of express matter and cars necessary for the repair or maintenance of the railway and no freight cars shall be operated upon the tracks of said railway. Provided that no cars for the transportation of express matter shall be operated between the hours of six o'clock a. m. and eight o'clock p. m. daily, and that the Board may further limit the operation of such cars as public convenience may require.

The rate for the carrying of property over the said railway upon the cars of the Company shall in all cases be reasonable in amount, subject to the control of the Board and may be fixed by the Board after notice to the Company and a hearing had thereon, and when so fixed such rates shall be binding upon the Company, and no greater sums shall be charged for such services than provided for by it.

Eighth—(a). The Company, within three (3) months after the signing of this contract by the Mayor, shall itself execute and procure the execution by the other companies of trackage agreements for the use of such tracks of the companies named in the participating agreement hereinbefore referred to or the successor companies of either or any of them on Canal Street and other streets in the Borough of Manhattan as may be necessary for the through operation of its line between Fulton Street, Borough of Brooklyn, and Desbrosses Street Ferry, Borough of Manhattan, and shall within the same time file sworn copies of such agreements with the Board.

(b). The Company shall commence through or continuous operation of the railway from Fulton Street, Borough of Brooklyn, to Desbrosses Street Ferry, Borough of Manhattan, within the time fixed by this contract for the completion of construction and commencement of operation of the railway herein authorized, and shall continue such through or continuous operation throughout the entire term of this contract, whether original or renewal.

(c). The Company shall carry passengers on its through or continuous line and issue and receive transfers to and from the lines of the participating companies or the successor companies of either or any of them, for a single fare of five (5) cents, as provided by Subdivision Sixth of this section.

In the event of the failure of the Company to do or perform any of the acts or requirements contained in this subdivision and designated as a, b and c, respectively, and within the time specified, the franchise, rights and privileges hereby granted shall cease and determine and such ipso facto forfeiture shall not be waived, prevented or affected in any way by the inability of the Company to procure the execution by any participating company or the successor companies of either or any of them of the trackage agreements, the invalidity of such agreements when executed, the failure or refusal of any participating company or the successor companies of either or any of them to issue or receive transfers, or by the invalidity of the participating agreement dated and executed December 15, 1911, and hereinbefore referred to.

Ninth—The Company shall attach to each car run over the said railway proper fenders and wheel guards, in conformity with such laws and ordinances as are now in force, or may hereafter during the term of this contract be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Tenth—All cars which are operated on said railway shall be heated during the cold weather in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Eleventh—All cars operated on said railway shall be well lighted by electricity, or by some lighting system equally efficient, or as may be required by resolution of the Board.

Twelfth—Cars on the said railway shall run at intervals of not more than thirty (30) minutes both day and night, and as much oftener as reasonable convenience of the public may require, or as may be directed by the Board.

Thirteenth—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding, and at any other time, upon the request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of passengers carried during the year.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.

18. Total expenses for operation, including salaries.

—and such other information in regard to the business of the Company as may be required by the Board.

Fourteenth—The Company shall at all times keep accurate books of account of the gross receipts from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company, for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross receipts, the total miles in operation within the limits of the City, and the miles of railway constructed and operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Fifteenth—In case of any violation or breach or failure to comply with any of the provisions herein contained, except where an *ipso facto* forfeiture is provided for, this contract may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the Company, at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the railway constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Sixteenth—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company, specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall, for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars ($250), as fixed or liquidated damages, or the Board, in case such structures or equipment which may affect the surface of the streets shall not be put in good condition within a reasonable time after notice by the Board as aforesaid shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Seventeenth—The Company shall assume all liability to persons or property by reason of the construction or operation of the railway authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Eighteenth—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of ten thousand dollars ($10,000), either in money or securities, to be approved by him, which fund shall be security for the performance by the Company of all of the terms and conditions of this contract and compliance with all orders of the Board acting under the powers herein reserved, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at the rates herein fixed, the repairs of the street pavement, the removal of snow and ice, the quality of construction of the railway and the maintenance of the property in good condition throughout the whole term of this contract, and in case of default in the performance by the Company of such terms and conditions, or compliance with such orders or either or any of them, the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or, after default in the payment of the annual charges, shall collect the same, with interest, from the said fund after ten (10) days' notice to the Company; or in case of failure to observe the said terms and conditions of this contract and orders of the Board acting hereunder, relating to the headway, heating and lighting of cars, fenders, and wheel-guards, the Company shall pay a penalty of fifty dollars ($50) per day for each day of violation, and the further sum of ten dollars ($10) per day for each car that shall not be properly heated, lighted or supplied with fenders or wheel-guards, in case of the violation of the provisions relating to those matters; all of which sums may be deducted from said fund.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President, or other officer, to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the Company shall, upon ten (10) days' notice, pay to the City a sum sufficient to restore said security fund to the original amount of Ten thousand dollars ($10,000), and in default thereof this contract shall be cancelled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Nineteenth—The words "notice" or "direction" wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Twentieth—The words "streets or avenues" and "streets and avenues" wherever used in this contract shall be deemed to mean "streets, avenues, highways, parkways, driveways, concourses, boulevards, bridges, viaducts, tunnels, public places or any other property to which the City has title or over which the public has an easement" encountered in the route hereinabove described, and upon or in which authority is hereby given to the Company to construct a railway.

Twenty-first—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other board, authority, officer or officers, then and in such case such other board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Section 5. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the Laws of the State of New York.

Section 6. This grant is also upon the further and express condition that the provisions of the Railroad Law pertinent hereto shall be strictly complied with by the Company.

Section 7. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part by its officers thereunto duly authorized has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed the day and year first above written.

THE CITY OF NEW YORK, By.....Mayor.

[Corporate Seal.]

Attest: .....City Clerk.

THE BROOKLYN AND NORTH RIVER RAILROAD COMPANY, By .....President.

[Seal.]

Attest: .....Secretary.

(Here add acknowledgments.)

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Long Island Railroad Company (Cal. No. 3).

The public hearing was opened on the form of contract for the grant of a franchise to the Long Island Railroad Company to construct, maintain and operate additional railroad tracks across Hamilton street, South street and Farmers avenue or Old Country road, at or near Hollis, in the 4th Ward, Borough of Queens.

By resolution adopted June 5, 1913, the hearing was fixed for July 10, 1913, and on that date was continued until this day.

An affidavit of publication of the notice of continued hearing was received from the CITY RECORD.

A communication was received from the United Committee For the Depression of the Long Island Railroad Tracks Through Hollis, Bellaire, Queens, requesting the hearing be adjourned, as the Public Service Commission has not yet handed down its final order in the matter of the grade crossing eliminations for this section. No one appeared in opposition. Joseph F. Keany, Counsel for the Company, appeared in favor. No one else desiring to be heard, the Chair declared the hearing closed. The matter was then laid over awaiting receipt of the order of the Public Service Commission.

Pelham Park and City Island Railway Company, Inc. (Cal. No. 4).

In the matter of the communication from the President of the Borough of The Bronx stating the Pelham Park and City Island Railway Company, Inc., in charge of the transit facilities from Bartow Station to City Island, has not done much more than promise, and requesting that a resolution be placed upon the calendar requesting the Attorney General to bring an action for the forfeiture of the franchise and rights of the company.

This matter was presented to the Board at the meeting of July 3, 1913, when it was laid over until July 10, 1913, and on that date was laid over until this day.

The President of the Borough of The Bronx offered the following:

Resolved, That the Corporation Counsel be and hereby is directed to request the Attorney General to bring an action against the Pelham Park Railroad Company for the forfeiture of its charter and the consent of the local authorities to operate a railway in Pelham Bay Park.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

At the request of the President of the Borough of The Bronx, the question of issuing a permit for temporary operation in the park pending the granting of a new franchise by the Board was referred to a committee consisting of the Comptroller and the Presidents of the Boroughs of Manhattan and The Bronx.

Communications from the Mayor's Office (Cal. No. 5).

Communications were received from the Mayor's office returning duly approved by his Honor the Mayor on July 11, 1913, resolutions adopted by this Board July 3 and 10, 1913, as follows:

(a) Granting permission to the Forest Park Hygienic Ice Company to install, maintain and use a ten-inch pipe from the southwest corner of Jamaica and Lott avenues, Queens, upon and along Jamaica avenue to and connecting with the pipe sewer in the Borough of Brooklyn at a point nearly opposite the westerly side of Elderts lane.

(b) Granting the Kingsbridge Railway Company permission to construct, maintain and use a standard gauge street surface railway track along and on the surface of 9th avenue from 218th street to a point a few feet north of 220th street, Borough of Manhattan.

(c) Granting Rodgers & Hagerty, Inc., permission to construct, maintain and operate a single track railroad across Clasons Point road and Westchester avenue at their intersection with Metcalf avenue, Borough of The Bronx.

(d) Granting the Loose-Wiles Biscuit Company permission to install, maintain and use a pipe under and across Nott avenue west of Orton street, Borough of Queens.

(e) Granting the Bronx Traction Company a franchise to construct, maintain and operate a double track street surface railway upon and along Morris Park avenue from Bear Swamp road to Williamsbridge road, Borough of The Bronx.

(f) Granting Leonard C. Smith permission to install, maintain and use a ten-inch pipe under and across West 155th street from a point 322 feet west of 8th avenue, Borough of Manhattan, to the Harlem River.

(g) Granting Toch Brothers permission to construct, maintain and use a concrete conduit under and across 9th street, Long Island City, Borough of Queens, at a point 210 feet east of the easterly line of West avenue.

(h) Designating the New York Press and the Brooklyn Standard Union as the two daily newspapers in which the petition and notice of hearing thereon of the Manhattan Bridge Three-cent Line for an extension of time in which to commence and complete construction of its railway shall be published prior to the hearing on September 18, 1913.

(i) Designating the Sun and the New York Press as the two daily newspapers in which the petition and notice of hearing thereon of the New York and North Shore Traction Company for an amendment of the contracts granting said company a franchise shall be published prior to the hearing on September 18, 1913.

Which were ordered filed.

Manhattan and Queens Traction Corporation (Cal. No. 6).

In the matter of the franchise granted to the Manhattan and Queens Traction Corporation to construct, maintain and operate two extensions to its existing street surface railway in the Borough of Queens.

This franchise was granted by resolution adopted by this Board July 3, 1913, approved by the Mayor the same day.

The Secretary presented the following:

Bureau of Franchises, July 24, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—By resolution adopted by the Board of Estimate and Apportionment July 3, 1913, approved by the Mayor on the same day, the Manhattan and Queens Traction Corporation was granted a franchise to construct, maintain and operate two extensions to its existing street surface railway in the Borough of Queens, as follows:

(a) Upon and along Archer Place from Carll Street to private property.

(b) Upon and along Van Dam Street and Nott Avenue.

The contract as authorized by said resolution was executed by the President and the Assistant Secretary of the Company July 12, 1913, by the Mayor July 21, 1913, and by the City Clerk July 22, 1913, and bears date July 21, 1913.

The departments interested have been advised of the execution of the contract, the duplicate original delivered to the Company and the original placed on file.

It is recommended that the papers be filed.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

Long Island Railroad Company (Cal. No. 7).

Communications were received from the Public Service Commission for the First District transmitting and serving upon the City certified copies of resolutions adopted by said Commission with respect to the establishment by the Long Island Railroad Company of certain side track or switch connections as follows:

(a) Directing a hearing in regard to the establishment by said Company of a side track to the premises of A. J. Van Siclen & Son, of Jamaica, Borough of Queens.

(b) Directing the establishment of the above-mentioned side track.

(c) Directing a hearing in regard to the establishment by said Company of a side track and switch connection between the company's line and the property of Benjamin E. Clayton at Jamaica, Borough of Queens.

(d) Directing the establishment of the above mentioned side track.
Which were ordered filed.

Motor Busses—Rate of Fare (Cal. No. 8).

Communications were received from the Associate Secretary, Playground and Recreation Association of America, John Glover and Harvey Robinson in favor of the operation of five-cent bus lines in the City.

Which were ordered filed.

Bronx Traction Company (Cal. No. 9).

In the matter of the franchise granted the Bronx Traction Company to construct, maintain and operate a street surface railway on Morris Park Avenue from Bear Swamp Road to Williamsbridge Road, Borough of The Bronx.

This franchise was granted by resolution adopted by this Board July 10, 1913, approved by the Mayor July 11, 1913.

The Secretary presented the following:

Law Department, Bureau of Street Openings, 90-92 West Broadway, New York, July 17th, 1913.

HARRY P. NICHOLS, *Esq., Engineer, Chief of Bureau of Franchises, Board of Estimate and Apportionment:*

Dear Sir—I beg to advise you that on Saturday, July 12, 1913, I transmitted to the Register of the County of New York, for the purpose of recording in his office, the following instruments:

Deed, Morris Park Estate, Release of Mortage, Van Nest Land and Improvement Company; Release of Mortgage, Columbia-Knickerbocker Trust Company; Release of Mortgage, New York Trust Company.

These instruments convey to The City of New York land embraced within the lines of Morris Park Avenue, between Bear Swamp Road and Williamsbridge Road, in the Borough of The Bronx. Very truly yours,

JOEL J. SQUIER, Assistant Corporation Counsel, in charge of Bureau of Street Openings.

Third Avenue Railway Company, 130th Street and 3rd Avenue, New York, New York, July 14, 1913.

Board of Estimate & Apportionment, H. P. NICHOLS, *Esq., Engineer, Chief of Bureau,* 277 Broadway, Manhattan:

Dear Mr. Nichols—I enclose herewith a sworn copy of the consent of the owners of property abutting on Morris Park Avenue, in the Borough of The Bronx, to the construction, operation and maintenance of a street surface railway on that Avenue between Bronxdale Avenue and Williamsbridge Road. Very truly yours,

F. J. FULLER, Secretary.

Bureau of Franchises, July 25, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—By resolution adopted by the Board of Estimate and Apportionment July 10, 1913, and approved by the Mayor July 11, 1913, there was authorized the execution and delivery to the Bronx Traction Company of a contract for a street surface railway extension upon and along Morris Park avenue, from Bear Swamp road to the Williamsbridge Road, Borough of The Bronx.

Section 2—First of said contract provides in part as follows:

"The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within three (3) months from the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time * * * otherwise this grant shall cease and determine."

Pursuant to this provision, the Company on July 14, 1913, filed with the Board a certified copy of a consent dated May 26, 1913, from the Morris Park Estates, the owner at that time of all the property abutting on the route of the extension. As the railway in question was constructed and placed in operation during May last, under and by virtue of a permit to open the streets for this purpose, issued by the President of the Borough of The Bronx, on May 12, by authority of the Board, it is not necessary to fix the dates for the commencement and completion of construction, as is the usual custom.

The Morris Park Estates, on May 15, 1913, filed with the Board a deed of cession to Morris Park Avenue, between Bear Swamp and Williamsbridge Roads, together with certain releases of mortgages, to be held in escrow pending the granting of the franchise for the extension. These instruments were subsequently approved as to form, and the title to the property examined by the Corporation Counsel and, after the authorization of the contract by the Board, were transmitted to him for recording. In a communication, under date of July 17, 1913, I am advised by the Assistant Corporation Counsel, in charge of the Bureau of Street Openings, that the deed and releases of mortgages were, on July 12, 1913, transmitted by him to the Register of the County of New York, for recording.

As the Bronx Traction Company has complied with the provisions of the contract relative to obtaining and filing property owners' consents, it is recommended that the consent as filed be accepted.

A resolution to this effect is herewith transmitted.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following was offered:

Resolved, That the copy of the consent of the Morris Park Estates, as an abutting property owner, to the construction, maintenance and operation of a street surface railway upon and along Morris Park Avenue, from Bear Swamp Road to Williamsbridge Road, Borough of The Bronx, as an extension to the existing system of the Bronx Traction Company, filed by said Company with this Board on July 14, 1913 be and the same is hereby accepted.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Thomas Crimmins Contracting Company (Cal. No. 10).

In the matter of the consent granted Thomas Crimmins Contracting Company to construct, maintain and use a standard gauge railroad track across Clason's Point Road at Beach Avenue, Borough of The Bronx.

This consent was granted by resolution adopted by this Board July 3, 1913, approved by the Mayor on the same day.

The Secretary presented the following:

Bureau of Franchises, July 22, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—By resolution adopted by the Board of Estimate and Apportionment July 3, 1913, approved by the Mayor on the same day, the Thomas Crimmins Contracting Company was granted permission to construct, maintain and use a railroad track across Clason's Point Road at Beach Avenue. Borough of The Bronx, to be used in connection with the regulating and grading of Beach Avenue from Gleason Avenue to Bronx River Road, under contract with the City.

Section 17 of the consent provides as follows:

"17. The consent shall be null and void unless said grantee shall duly execute an instrument in writing wherein said grantee shall accept this consent and shall promise, covenant and agree to conform to, abide by and perform all the terms, conditions and requirements in this consent fixed and contained and file said instrument with the Board of Estimate and Apportionment of The City of New York within thirty (30) days after the approval of this consent by the Mayor; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

"And said grantee shall promise, covenant and agree in said instrument to hold The City of New York harmless from all damages to persons or property which may result from the construction, use, maintenance or operation of the structure hereby authorized."

Under and pursuant to the above quoted section the grantee presented an agreement dated July 15, 1913.

This agreement has been approved as to form by the Corporation Counsel and returned to this office with a communication dated July 16, 1913.

Certified copies of the approved resolution have been forwarded to the grantee and to the officials interested for their information and guidance.

It is recommended that the papers be filed.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

Matheson Lead Company; William Mathieson & Company (Cal. No. 11).

An application was received from the Matheson Lead Company for permission to continue to maintain and use a certain water pipe under, along and across Beebee Avenue, Williams Street, Noble Street and Vernon Avenue, Borough of Queens, for the purpose of conveying water from a private well to the Company's plant.

At the meeting of March 28, 1913, a communication was received from the Department of Water Supply, Gas and Electricity stating the Company was maintaining this pipe without authority, and the matter was referred to the Bureau of Franchises.

The petition was referred to the Bureau of Franchises.

Tuttle & Bailey Manufacturing Company (Cal. No. 12).

A communication was received from Tuttle & Bailey Manufacturing Company stating the Company has removed certain fire lines and electrical cable pipes from the streets. The work of removing the water pipes was commenced May 28, and completed May 31, 1913, and the work of removing the electric cables was commenced July 7 and completed July 12, 1913.

By resolution adopted by this Board July 11, 1912, approved by the Mayor July 16, 1912, the Company was granted permission to construct, maintain and use a tunnel under and across North 10th Street, east of Wythe Avenue, Borough of Brooklyn, and this consent required the Company to remove certain structures on the completion of the tunnel.

The communication was ordered filed.

The 14th Street Store (Cal. No. 13).

The Secretary presented the following:

July 15th, 1913.

Board of Estimate and Apportionment, Division of Franchises, Room 801, 277 Broadway, New York City:

Gentlemen—We desire a permit for one 12-in. pipe to act as sleeve for three (3) pipes respectively 5 in., 3 in., and 2 in., to supply the Rothenberg Building, leased by us, with steam and water.

The 5-in. line is to supply the steam. The two (2) in. to supply gravity tanks with water, while the 3-in. pipe is to be used for return condensation of steam.

The connection to be made between The 14th Street Store, Nos. 55-75 on West 13th Street, and the Rothenberg Building, Nos. 33-45 West 13th Street, as shown on plan attached. Yours very truly,

THE 14TH STREET STORE,
By HENRY SIEGEL, President.

Bureau of Franchises, July 29, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—The Fourteenth Street Store has, under date of July 15, 1913, petitioned the Board of Estimate and Apportionment for permission to install, maintain and use a twelve-inch pipe containing smaller pipes and connecting the property of the Company at Nos. 55 to 75 West 13th Street with property leased by the Company at Nos. 33 to 45 West 13th Street, Borough of Manhattan.

The petition recites that the smaller pipes, respectfully, 5, 3 and 2 inches in diameter, are to be used to supply the building at Nos. 33 to 45 West 13th Street with steam and water.

Copies of the petition and accompanying plan have been forwarded to the President of the Borough and to the Commissioner of Water Supply, Gas and Electricity, with a request that they cause examinations to be made, and advise this Bureau if there are any objections to the project, or any particular conditions which, in their opinions, should be incorporated in the form of consent heretofore used by the Board for similar privileges.

In replies dated respectively July 29 and July 23, 1913, I have been advised that there are no objections to the proposed pipe and no particular conditions necessary to be inserted in the form of consent.

The proposed pipe emerges from the Fourteenth Street Store at Nos. 55 to 75 West 13th Street at a point approximately 220 feet east of Sixth Avenue, and runs thence under the sidewalk to a point about two feet outside of the curb-line, and then in an easterly direction parallel with the curb-line to a point approximately 280 feet east of Sixth Avenue, where it turns at right angles and runs northerly under the sidewalk to the premises at Nos. 33 to 45 West 13th Street.

As there are no objections to the project, I can see no good reason why the requested permission should not be given should the Board see fit to do so. In such case I would suggest that consent be granted only during the pleasure of the Board, but in no case to extend beyond a term of ten (10) years from the date of the approval of the consent by the Mayor, and revocable upon sixty (60) days' notice, and that it be made a condition of the consent that a security deposit in the sum of Five hundred dollars ($500) be required; said deposit to be in the form of either cash or securities to be approved by and deposited with the Comptroller for the faithful performance of the terms and conditions of the consent.

The total length of pipe within the lines of West 13th Street is 94 feet. At the rate heretofore fixed by the Board for private pipes in the city streets, viz.: Two dollars per foot per annum for pipes less than 100 feet in length and not over sixteen inches in diameter, the charge for this pipe should be the sum of One hundred and eighty-eight dollars ($188) per annum. Such sum should be paid into the City Treasury in advance on November 1 of each year. It has been made a condition of the customary form of resolution, herewith submitted for adoption, that the grantee shall completely install the pipe on or before November 1, 1913.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following was offered:

Whereas, The Fourteenth Street Store has presented a petition dated July 15, 1913, to the Board of Estimate and Apportionment, for its consent to the installation, maintenance and use of a twelve-inch pipe under and along West 13th Street between 5th and 6th Avenues, in the Borough of Manhattan, connecting properties owned or leased by the petitioner on the northerly side of said West 13th Street, for the purpose of conveying water and steam between the said properties; now therefore be it

Resolved, That the consent of the corporation of The City of New York be and the same is hereby given to the Fourteenth Street Store, the owner or lessee of certain properties on the northerly side of West 13th Street between 5th and 6th Avenues, Borough of Manhattan, to install, maintain and use a twelve-inch pipe under and along said West 13th Street connecting said properties of the Company, such pipe to contain smaller pipes for the conveyance of water and steam between the said properties, all as shown on the plan accompanying the petition and entitled: "Plan Showing Location of Proposed Pipe to be constructed in 13th Street, Borough of Manhattan, to accompany application dated July 15, 1913, of the 14th Street Store to the Board of Estimate and Apportionment, City of New York," and signed The 14th Street Store by Henry Siegel, President, a copy of which is attached hereto and made a part hereof, upon the following terms and conditions:

1. This consent shall continue only during the pleasure of the Board of Estimate and Apportionment, and shall be revocable upon sixty (60) days' notice in writing to the grantee, but in no case shall it extend beyond a term of ten (10) years from the date of its approval by the Mayor, and thereupon all rights of the grantee in said street by virtue of this consent shall cease and determine.

2. The grantee shall pay into the Treasury of The City of New York, as compensation for the privilege hereby granted, the sum of One hundred and eighty-eight dollars ($188) per annum. Such payments shall be made in advance on November 1 of each year, provided, however, that the first payment shall be made within sixty (60) days of the approval of this consent by the Mayor, and shall be only such proportion of the annual charge as the time between the approval of this consent by the Mayor and November 1 following bears to a whole year.

Such rate of compensation shall continue up to the date of restoration of the street pavement after the removal of the structure from the street.

Such payments shall not be considered in any manner in the nature of a tax, but shall be in addition to any and all taxes of whatever kind or description now or hereafter required to be paid under any ordinance of The City of New York, or by any law of the State of New York.

3. Upon the removal of the grantee from either of the premises to be connected by the structure, or upon the revocation or termination by limitation of this consent, the grantee shall cause the structure hereby authorized to be removed and all of said street affected by this permission to be restored to its proper and original condition, if required so to do by The City of New York or its duly authorized representa-

tives, and the entire cost of such work shall be borne by the said grantee. If the structure hereby authorized shall not be required to be removed, it is agreed that it shall become the property of The City of New York.

4. This consent is for the exclusive use of the grantee and shall not be assigned either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein pass to or vest in any other person, firm or corporation whatsoever, either by the acts of the grantee or by operation of law, without the consent in writing of The City of New York, acting by the Board of Estimate and Apportionment.

5. The grantee shall pay the entire cost of all work, labor and material in connection with the structure hereby authorized, and particularly—

(*a*) Its construction, maintenance and removal.

(*b*) The protection of all structures which shall in any way be disturbed by its construction or removal.

(*c*) All changes in sewers or other subsurface structures necessitated by its construction or removal, including the laying or relaying of pipes, conduits, sewers or other structures.

(*d*) The replacing or restoring of the pavement in said street which may be disturbed during its construction or removal.

(*e*) Each and every item of the increased cost of the installation of any future structures or repairs or alterations to any existing or future structures caused by its presence in the street.

(*f*) The inspection of all work during its construction or removal as herein provided, which may be required by the President of the Borough and the Commissioner of Water Supply, Gas and Electricity.

6. Before the construction or removal shall be begun, the grantee shall obtain permits to do the work from the President of the Borough and from the Commissioner of Water Supply, Gas and Electricity. The grantee shall perform all the duties which may be imposed by those officials as conditions of such permits, provided such conditions are not inconsistent with the provisions of this consent. The grantee shall submit to those officials working plans which shall include and show in detail the method of construction of the structure hereby authorized and the mode of protection or changes in all structures required by the construction or removal of the same.

Upon the completion of the work, the grantee shall furnish to the President of the Borough a plan of such character as he may direct, showing accurately and distinctly the location, size and type of construction and complete dimensions of the structure erected or installed under this consent; also the location and dimensions of all substructures encountered during the progress of the work. The depth below the street surface of the new structure and of the substructures encountered must be shown; also their location with reference to the nearest curb line and the nearest curb-line intersection.

7. The grantee shall allow the City of New York a right of way through, under or above any part of the structure hereby authorized for any and all structures which are now or may be hereafter placed by The City of New York in said street.

If at any time it shall become necessary to replace or alter any structure in said street, the City shall have the right to break through or remove all or any portion of the structure hereby authorized and the grantee shall pay to the City the expense incurred by such removal.

8. The structure hereby authorized and any fixtures laid therein shall be constructed, maintained and operated subject to the supervision and control of the proper authorities of The City of New York. It shall be open at all times to the inspection of all the authorities who have jurisdiction in such matters under the Charter of The City of New York.

9. This consent is subject to whatever right, title or interest the owners of abutting property or others may have in and to said street.

10. Said grantee shall be liable for all damages to persons or property, including the street and structures therein and thereunder, by reason of the construction and operation or maintenance of the structure hereby authorized, and it is a condition of this consent that The City of New York assumes no liability to either person or property on account of this consent.

11. This consent is granted on the further and express condition that all laws or ordinances now in force, or which may hereafter be adopted, shall be strictly complied with.

12. This consent is upon the express condition that within sixty (60) days after its approval by the Mayor, and before anything is done in exercise of the rights conferred hereby, the grantee shall deposit with the Comptroller of The City of New York the sum of Five hundred Dollars ($500.00), either in money or in securities to be approved by him, which fund shall be security for the performance of the terms and conditions of this consent, especially those which relate to the payment of the annual charge, the repairs of the street pavement and the removal of the structure hereby authorized. In case of default in the performance by said grantee of any of such terms and conditions, The City of New York shall have the right to cause the work to be done and the materials to be furnished for making the necessary changes or repairs, after ten (10) days' notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings, or in case of default in the payment of the annual charge, shall collect the same with interest from such fund after ten (10) days' notice in writing to the said grantee.

In case of any drafts so made upon the security fund the said grantee shall, upon thirty (30) days' notice in writing, pay to the Comptroller of The City of New York a sum of money sufficient to restore the said fund to the original amount of Five hundred Dollars ($500.00), and in default of the payment thereof, the consent hereby given may be cancelled and annulled, at the option of the Board of Estimate and Apportionment of The City of New York, acting on behalf of said City. No action or proceeding or rights under the provisions of this section shall affect any other legal rights, remedies or causes of action belonging to the City of New York.

13. Said grantee shall give notice, in writing, to the President of the Borough and to the Commissioner of Water Supply, Gas and Electricity of its intention to begin the work hereby authorized at least forty-eight hours before such work commences. The grantee shall also give to the Board of Estimate and Apportionment notice, in writing, of the date on which the work is commenced and also the date on which the same is completed, not later than ten (10) days after such dates.

14. Said grantee shall commence the construction of the structure hereby authorized and complete the same on or before November 1, 1913, otherwise this consent shall be forfeited forthwith, and without any proceedings, either at law or otherwise, for that purpose; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

15. This consent shall be null and void unless said grantee shall duly execute an instrument in writing, wherein said grantee shall accept this consent and shall promise, covenant and agree to conform to, abide by and perform all the terms, conditions and requirements in this consent fixed and contained and file said instrument with the Board of Estimate and Apportionment of The City of New York within thirty (30) days after the approval of this consent by the Mayor; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

And said grantee shall promise, covenant and agree in said instrument to hold The City of New York harmless from all damages to persons or property which may result from the construction, use, maintenance or operation of the structure hereby authorized.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Welz and Zerwick (Cal. No. 14).

An application was received from Welz and Zerwick for permission to continue to maintain and operate an existing tunnel under and across Madison Street between Wyckoff and Myrtle avenues, Borough of Queens, connecting properties of the applicant on opposite sides of said street and used for the purpose of carrying pipe lines, electric cables and as a passageway for employees.

Which was referred to the Bureau of Franchises.

Acceptance of Consents by Grantees (Cal. No. 15).

In the matter of the consents granted to Sulzberger & Sons Company, Rodgers & Hagerty, Inc., Mason and Hanger Company, Julius Kayser & Company, Forest Park Hygienic Ice Company and Toch Brothers to construct, maintain and use tunnels, track and a scale in the Boroughs of Manhattan, The Bronx, Brooklyn and Queens.

These consents were granted by resolutions adopted by this Board June 19 and July 3, 1913, approved by the Mayor June 23, July 8, and July 11, 1913.

The Secretary presented the following:

Bureau of Franchises, July 26, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—By resolutions adopted by the Board of Estimate and Apportionment June 19, 1913, approved by the Mayor June 23, 1913, consents were granted as follows:

(a) Julius Kayser & Company to construct, maintain and use a tunnel under and across Taaffe Place north of DeKalb Avenue, Borough of Brooklyn, connecting its premises on opposite sides of said street.

(b) Mason & Hanger Company to construct, maintain and use a narrow gauge railroad track across and on the surface of Reservoir Avenue at Shaft No. 4 of the Catskill Aqueduct, Borough of The Bronx.

By resolution adopted by the Board July 3, 1913, approved by the Mayor July 8, 1913, Sulzberger & Sons Company was granted permission to enlarge, maintain and use an existing wagon scale within the southerly sidewalk line of East 45th Street and in front of the premises of said Company at a point about 280 feet east of the westerly line of First Avenue, Borough of Manhattan.

By resolutions adopted by the Board July 3, 1913, approved by the Mayor July 11, 1913, consents were granted as follows:

(a) Forest Park Hygienic Ice Company to install, maintain and use a ten-inch pipe under and along Jamaica Avenue, in the Boroughs of Brooklyn and Queens.

(b) Rodgers & Hagerty, Inc., to construct, maintain and use a single track railroad across Clason's Point Road and Westchester Avenue, at their intersection with Metcalf Avenue, Borough of The Bronx.

(c) Toch Brothers to construct, maintain and operate a concrete conduit under and across Ninth Street, Long Island City, Borough of Queens.

The agreements required by the provisions of the above mentioned consents have been executed by the grantees and have been approved by the Corporation Counsel.

Certified copies of the approved resolutions have been forwarded to the grantees and to the officials interested.

It is recommended that the papers be filed.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

George W. Loft; Harry B. James; John Larkin (Cal. No. 16).

The Secretary presented the following:

Application for a Franchise to Operate Stages or Omnibuses in the Streets of the City of New York.

To the Mayor, and to the Board of Estimate and Apportionment of the City of New York:

The undersigned, citizens of the State of New York and having their places of business in the City of New York, do hereby in pursuance of the provisions of the Charter of the City of New York and of the Statutes of the State of New York,

Make application for a franchise or right for themselves, their executors, administrators and assigns, to operate a stage or omnibus route or routes for public use in the conveyance of persons and property in the following streets, avenues and highways of the Borough of Manhattan, City of New York, for the term of twenty-five years from the date upon which the franchise is granted, with a right to renewal for a further term of twenty-five years:

Routes.

No. 1A—From foot of Wall Street (terminal) west on Wall Street to Broadway, north to Park Row, to Center Street, to Marion Street, to Lafayette Street, to Astor Place, to 4th Avenue, to E. 14th Street, west to Broadway (terminal), returning by practically same route; No. 1B—From Broadway and E. 14th Street (terminal) south on Broadway to State Street, to Battery (terminal), returning by practically same route; busses to run continuously over Route No. 1A and Route No. 1B in both directions.

No. 2.—From E. 14th Street and 4th Avenue west on E. 14th Street to West Union Square, to Broadway, north up Broadway and at Columbus Circle over parts thereat of W. 59th Street and Central Park West to Broadway and W. 72d Street west to Riverside Drive (terminal), returning by practically same route, with loop at northern end of route if necessary north on Riverside Drive one Block to W. 73d Street, east one block on W. 73d Street to West End Avenue, south one block on West End Avenue to W. 72d Street, and loop at southern end of route if necessary by way of E. 17th Street (or North Union Square) from Broadway to Fourth Avenue or Union Place, south on East Union Square to E. 14th Street and 4th Avenue (terminal).

No. 3.—From Central Park West and W. 72d Street west to Broadway, north up Broadway to Manhattan Street, west on Manhattan Street to Hudson River (terminal); returning to Central Park West and W. 72d Street (terminal) by practically same route with loop at southern end of route if necessary by way of Columbus Avenue from W. 72d Street to W. 73d Street, to Central Park West, to W. 72d Street.

No. 4.—From Broadway and W. 127th Street north up Broadway and St. Nicholas Avenue to W. 191st Street (terminal); returning to Broadway and W. 127th Street (terminal) by practically same route with loop at northern end of route if necessary by way of W. 190th Street from St. Nicholas Avenue, to Wadsworth Avenue, to W. 191st Street, to St. Nicholas Avenue, and loop at southern end of route if necessary by way of Manhattan Street from Broadway to W. 127th Street to Broadway.

No. 5.—From Center Street at Manhattan end of Brooklyn Bridge north on Center Street to Chambers Street, west on Chambers Street to West Broadway, north to Franklin Street, west to Varick Street, to 7th Avenue extension, to 7th Avenue, to W. 33d Street, to 8th Avenue, to W. 34th Street (terminal); returning to Center Street at Manhattan end of Brooklyn Bridge (terminal) by practically same route with loop at northern end of route if necessary by way of W. 34th Street from 8th Avenue to 7th Avenue, south to W. 33d Street, and loop at southern end of route if necessary by way of Chambers Street (and possibly New Chambers Street) from Center Street to Park Row, south on Park Row to Center Street. Temporary route until opening of 7th Avenue extension to run from Chambers Street north up Hudson Street to 8th Avenue, to W. 14th Street, to 7th Avenue.

No. 6—From Grand Street and East Street west along Grand Street to Varick Street, south to Canal Street, west to Watts Street, to West Street, to Desbrosses Street (terminal); returning to Grand Street and East Street (terminal) by practically same route with loop at western end of route if necessary by way of Desbrosses Street from West Street to Hudson Street, to Canal Street, to Varick Street, to Grand Street, and loop at eastern end of route if necessary by way of East Street from Grand Street to Broome Slip, to Tompkins Street, to Grand Street.

No. 7—From plaza at Astor Place and Lafayette Street on Astor Place, to 4th Avenue, to E. 10th Street, west on E. 10th Street and W. 10th Street to 6th Avenue, north to W. 59th Street, east on W. 59th Street and E. 59th Street to 2d Avenue at Queensboro Bridge entrance (terminal); returning to plaza at Astor Place and Lafayette Street (terminal) by practically same route with loop at northern end of route if necessary by way of 2d Avenue from E. 59th Street to E. 60th Street, to 3d Avenue, to 59th Street, and loop at southern end of route if necessary by way of Lafayette Street from 8th Street to Astor Place.

No. 8—From E. 14th Street and Irving Place north on Irving Place to E. 20th Street and around Gramercy Park by way of E. 20th Street to West Gramercy Place, to E. 21st Street, to Lexington Avenue, north on Lexington Avenue to E. 42d Street, to Vanderbilt Avenue, to E. 45th Street, to 5th Avenue (terminal); returning to Irving Place and E. 14th Street (terminal) by practically same route with loop at northern end of route if necessary by way of 5th Avenue from E. 45th Street to E. 42d Street, to Vanderbilt Avenue, and loop around Gramercy Park if necessary by way of E. 21st Street from Lexington Avenue to East Gramercy Place, to E. 20th Street, to Irving Place, and loop at southern end of route if necessary by way of E. 14th Street from Irving Place to 3d Avenue, to E. 15th Street, to Irving Place.

No. 9—From Lexington Avenue and E. 40th Street west to 4th (or Park) Avenue, north to E. 42d Street, east to Lexington Avenue, north to E. 49th Street, west to Park Avenue, north to E. 125th Street, west to Madison Avenue (terminal); returning to Lexington Avenue and E. 40th Street (terminal) by practically same route with loop at northern end of route if necessary by way of Madison Avenue from E. 125th Street to E. 124th Street, to Park Avenue, and loop at southern end

of route if necessary by way of E. 41st Street from 4th (or Park) Avenue to Lexington Avenue, to E. 40th Street.

No. 10—From 8th Avenue and W. 34th Street south on 8th Avenue to W. 33d Street, to 7th Avenue, south on 7th Avenue to W. 23d Street, east to 6th Avenue, south to W. 14th Street, east on W. 14th Street and E. 14th Street to 4th Avenue, north on 4th Avenue and Park Avenue to E. 42d Street, to 3d Avenue, to E. 43d Street (terminal); returning to 8th Avenue and W. 34th Street (terminal) by practically same route with loop at eastern end of route if necessary by way of E. 43d Street from 3d Avenue to Lexington Avenue, to E. 42d Street, and loop at western end of route if necessary by way of 7th Avenue from W. 33d Street to W. 34th Street, to 8th Avenue.

No. 11—From 6th Avenue and W. 22d Street north on 6th Avenue to W. 23d Street, to 5th Avenue, to E. 120th Street, to Madison Avenue, to E. 125th Street, to 5th Avenue (terminal); returning to 6th Avenue and W. 22d Street (terminal) by practically same route with loop at northern end of route if necessary by way of 5th Avenue from 125th Street to 124th Street or Mount Morris Place, on West 124th Street or Mount Morris Place to Mount Morris Park West, to W. 120th Street, to 5th Avenue, and loop at southern end of route if necessary by way of 5th Avenue from 23d Street to 22d Street and West 22d Street from 5th Avenue to 6th Avenue.

No. 12—From 8th Avenue and W. 31st Street east to 7th Avenue, north to W. 34th Street, east on W. 34th Street and E. 34th Street to Madison Avenue, north to E. 41st Street, east to 4th (or Park) Avenue, north to E. 42d Street (terminal); returning to 8th Avenue and W. 31st Street (terminal) by practically same route with loop at northern end of route by way of E. 42d Street from 4th (or Park) Avenue to Madison Avenue, to E. 41st Street, and loop at southern end of route if necessary by way of W. 33d Street from 7th Avenue to 8th Avenue, to W. 31st Street.

No. 13—From Madison Avenue and E. 41st Street east to 4th (or Park) Avenue, north to E. 42d Street, west to Vanderbilt Avenue, north to E. 45th Street, west to Madison Avenue, north on Madison Avenue to E. 65th Street, west to 5th Avenue and through Central Park by way of Transverse Road No. 1 to Central Park West and W. 66th Street, west on W. 66th Street to West End Avenue, north to W. 72d Street, west to Riverside Drive, north to W. 73d Street (terminal); returning to Madison Avenue and E. 41st Street (terminal) by practically same route with loop at northern end of route if necessary by way of W. 73d Street from Riverside Drive to West End Avenue, to W. 72d Street, and loop at southern end of route if necessary by way of E. 42d Street from Vanderbilt Avenue to Madison Avenue, to E. 41st Street.

No. 14A—From plaza at 5th Avenue and 59th Street in a generally northerly direction through Central Park by way of the carriage drive-ways to the plaza at Central Park West and Eighth Avenue and Cathedral Parkway (or W. 110th Street) (terminal); returning to plaza at 5th Avenue and 59th Street (terminal) by practically same route; No. 14B—From Columbus Circle at W. 59th Street and Central Park West and Broadway in a generally northerly direction through Central Park by way of the carriage drive-ways to the plaza at Central Park West and Eighth Avenue and Cathedral Parkway (or W. 110th Street) (terminal); returning to the plaza at Columbus Circle at W. 59th Street and Central Park West and Broadway by practically same route; busses to run continuously over Route No. 14A and Route No. 14B in both directions, with a 10-cent fare for round trip and a 5-cent fare each way.

No. 15—From Riverside Drive and W. 72d Street north on Riverside Drive to W. 155th Street, east to St. Nicholas Place (terminal); returning to Riverside Drive and W. 72d Street (terminal) by practically same route with loop at southern end of route if necessary by way of W. 73d Street from Riverside Drive to West End Avenue, to W. 72d Street.,

No. 16—From 8th Avenue and W. 58th Street east to Broadway, north to Central Park West, north on Central Park West and 8th Avenue to W. 155th Street, west to Bradhurst Avenue (terminal); returning to 8th Avenue and W. 58th Street (terminal) by practically same route with loop at northern end of route if necessary by way of Bradhurst Avenue from W. 155th Street to W. 154th Street, to 8th Avenue, and loop at southern end of route if necessary by way of 8th avenue from W. 59th Street to W. 58th Street.

No. 17—From Riverside Drive and W. 111th Street south on Riverside Drive to Cathedral Parkway, east to Amsterdam Avenue, south to W. 79th Street, east to Columbus Avenue, south to W. 77th Street, east to Central Park West, north to Transverse Road No. 2, east through Central Park on Transverse Road No. 2 to 5th Avenue, north on 5th Avenue to E. 83d Street, east to 1st Avenue, north to E. 84th Street (terminal); returning to Riverside Drive and W. 111th Street (terminal) by practically same route with loop at western end of route if necessary by way of West End Avenue from Cathedral Parkway to W. 111th Street, to Riverside Drive, and loop at eastern end of route if necessary by way of E. 84th Street from 1st Avenue to 2d Avenue, to E. 83d Street.

No. 18—From Riverside Drive and W. 96th Street east on W. 96th Street to Central Park West, north to W. 97th Street, eastward through Central Park on Transverse Road No. 4 to 5th Avenue and E. 97th Street, south on 5th Avenue to E. 96th Street, east to Lexington Avenue, south to E. 42d Street, west to Park (or Fourth) Avenue, south to E. 40th Street, east to Lexington Avenue (terminal); returning to Riverside Drive and W. 96th Street (terminal) by practically same route with loop at northern end of route if necessary by way of West End Avenue from W. 96th Street to W. 97th Street, on W. 97th Street from West End Avenue to Riverside Drive, and on Riverside Drive from W. 97th Street to W. 96th Street, and loop at southern end of route if necessary by way of Lexington Avenue from E. 40th Street to E. 41st Street, to Park (or Fourth) Avenue.

No. 19—From Manhattan Street at Hudson River east on Manhattan Street to W. 125th Street, east on W. 125th Street and E. 125th Street to Marginal Street at East River (terminal); returning to Manhattan Street at Hudson River (terminal) by practically same route.

No. 20—From the Battery up Whitehall Street and State Street to Broadway, north on Broadway to Cortlandt Street, west to West Street, north on West Street and Marginal Street (West) to W. 22d Street, west to 12th Avenue (at the ferry landings), north to W. 23d Street (terminal); returning to the Battery (terminal) by practically same route with loop at northern end of route if necessary by way of W. 23d Street from 12th Avenue to 11th Avenue, to West (or Marginal Street West) Street.

No. 21—From W. 22d Street and 12th Avenue north on 12th Avenue to W. 23d Street, east to 6th Avenue, south to W. 14th Street, east on W. 14th Street and E. 14th Street to University Place, south to E. 13th Street, east to Broadway (terminal); returning to W. 22d Street and 12th Avenue (terminal) by practically same route with loop at western end of route if necessary by way of 11th Avenue from W. 23d Street to W. 22d Street, to 12th Avenue, and loop at eastern end of route if necessary by way of Broadway from E. 13th Street to E. 14th Street, to University Place.

And for such occupation and use of such streets, avenues and highways as may be necessary in connection with efficient operation over such route or routes.

The stages or omnibuses to be used are to be self-propelled by the use of electricity from storage batteries or from generators; the stages are to be of the type known as the four-motor, four-wheel-drive system; that is, with a separate motor for each wheel. The coaches will have a speed of 14 miles per hour and will have an inside seating capacity of from 26 passengers, or thereabouts, to 32 passengers, or thereabouts.

The fare to be charged for one continuous ride from terminal to terminal of each route is not to exceed five cents per passenger.

The City will be paid for the franchise at the rate of ten dollars per annum for each and every coach or bus placed in operation over the routes above mentioned or either of them.

The number of stages or omnibuses to be operated cannot at present be stated accurately, except that as large a number will be operated as the public demand therefor will warrant.

This application is made by the undersigned with the understanding that it will be substituted by an application for the same routes presented by a corporation to be formed under Chapter 142 of Laws of 1854 by the undersigned and their associates..

New York City, July 28, 1913.

JOHN LARKIN, HARRY B. JAMES, GEORGE W. LOFT.
By JACQUES R. HAAS, Attorney in Fact.

Signed in the presence of
RICHARD J. LYNCH.

State of New York, County of New York, ss.:

On this 28th day of July, 1913, before me personally came John Larkin and Harry B. James, to me personally known to be the individuals described in and who executed the foregoing instrument, and they acknowledged to me that they executed the same.

RICHARD J. LYNCH, Notary Public, Kings County. Certificate filed in New York County No. 24.

State of New York, County of New York, ss.:

On this 30th day of July, 1913, before me personally came Jacques R. Haas, to me personally known to be the attorney in fact of George W. Lott, the individual described in and who executed the foregoing instrument by his said attorney and said acknowledged to me that he executed the same as the act and deed of George W. Loft therein described by virtue of a power of attorney duly executed by the said George W. Loft, bearing date April 20, 1906, and recorded in the office of the Register of New York County July 26, 1913.

RICHARD J. LYNCH, Notary Public, Kings County. Certificate filed in New York County No. 24.

Which was referred to the Bureau of Franchises.

Trustees of Columbia University in the City of New York (Cal. No. 17).

The Secretary presented the following:

Columbia University in the City of New York, Department of Buildings and Grounds, New York, July 28, 1913.

Board of Estimate and Apportionment:

Gentlemen—In the matter of a tunnel across 116th street about fifty (50) feet east of Broadway for Columbia University. Unfavorable conditions that have delayed the work oblige us to request an extension of time from August 1 to September 1, 1913. Kindly grant this and oblige. Yours respectfully,

COLUMBIA UNIVERSITY,
Per EDWARD L. ANGELL.

Bureau of Franchises, July 28, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Columbia University has applied for a further extension of time in which to complete the tunnel across West 116th street, east of Broadway, which was granted by resolution of the Board under date of September 19, 1912, and under which resolution construction was to be completed by January 1, 1913.

Owing to the inability of the University to obtain permits for opening the street late in the fall, it applied for an extension of time until August 1 to complete the tunnel, which was granted by resolution adopted by the Board on January 6, 1913.

I am now informed by a representative of the University that the tunnel is practically completed, but the street pavement is not as yet restored and cannot be restored prior to August 1, and a thirty-day extension is therefore requested.

In view of the fact that the repair gangs on street work are extremely busy at this time of year and, it may be, would be unable to take this matter up at once, I would recommend that the University be granted a sixty-day extension of time, in order that there may be no necessity for any further extension.

A resolution to this effect is enclosed herewith. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following was offered:

Whereas, By resolution adopted by the Board of Estimate and Apportionment September 19, 1912, and approved by the Mayor September 23, 1912, consent was granted to the Trustees of Columbia University in The City of New York, to construct, maintain and use a tunnel seven feet in width and seven feet in height, inside dimensions, under and across West 116th street, in the Borough of Manhattan, at a point 56 feet east of the easterly line of Broadway, connecting properties of the said grantee on opposite sides of said street, for the purpose of conveying water, steam and electric current between the said properties, and

Whereas, Section 14 of said consent provided as follows:

"14. The said grantee shall commence the construction of the structure hereby authorized and complete the same on or before January 1, 1913, otherwise this consent shall be forfeited forthwith, and without any proceedings either at law or otherwise for that purpose; provided, however, that such time may be extended by the Board of Estimate and Apportionment,"

—and

Whereas, By resolution adopted by the Board of Estimate and Apportionment January 16, 1913, and approved by the Mayor January 23, 1913, the Trustees of Columbia University in The City of New York were granted an extension of time up to and including August 1, 1913, in which to complete the construction of said tunnel; and

Whereas, A petition dated July 28, 1913, has been presented on behalf of Columbia University, requesting an extension of time within which to complete the construction of the said tunnel; now therefore be it

Resolved, That the Trustees of Columbia University in The City of New York be and they are hereby granted an extension of time up to and including October 1, 1913, in which to complete the construction of the tunnel, as required by section 14 of the said consent granted by resolution adopted by the Board of Estimate and Apportionment September 19, 1912, and approved by the Mayor September 23, 1912, as amended by said resolution adopted by the Board January 16, 1913, and approved by the Mayor January 23, 1913; and be it further

Resolved, That the extension of time herein and hereby granted shall not in anywise affect the terms, conditions and requirements in the original consent fixed and contained or the acceptance of such original consent filed with this Board by the said grantee, but that such acceptance of the original consent, as modified by this resolution shall remain in full force and effect as if said modified terms, conditions and requirements were contained in the original consent.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

New Amsterdam Gas Company (Cal. No. 18).

A communication was received from the New Amsterdam Gas Company, stating the company is ready to commence construction of the tunnel under and across Freeman avenue west of Vernon avenue, Borough of Queens.

This consent was granted by resolution adopted by this Board January 16, 1913, approved by the Mayor January 23, 1913, and the notice is given in conformity with section 16 of the consent.

The communication was ordered filed.

Dry Dock, East Broadway and Battery Railroad Company (Cal. No. 19).

A communication was received from the Public Service Commission for the First District transmitting and serving upon the City certified copy of order adopted by the Commission granting the application of the Dry Dock, East Broadway and Battery Railroad Company for the approval of the exercise of its franchise on Canal and Church streets, Borough of Manhattan.

The communication was ordered filed.

Forest Park Hygienic Ice Company (Cal. No. 20).

A communication was received from the Republican Association, 26th Election District, 22d Assembly District, stating the pipe maintained by the Forest Park Hygienic Ice Company under and along Jamaica avenue in the Boroughs of Brooklyn and Queens for the purpose of conveying excess condensing water from the plant of the company to the sewer is injurious to the health of the residents and requesting said nuisance be abated.

This consent was granted by resolution adopted by this Board July 3, 1913, approved by the Mayor July 11, 1913.

The communication was referred to the Bureau of Franchises.

Interborough Rapid Transit Company, Contract No. 3 (Cal. No. 21).

The Secretary presented the following:

State of New York, Public Service Commission for the First District, 154 Nassau Street, New York, July 28, 1913.

To the Board of Estimate and Apportionment of The City of New York:

Sirs—In accordance with the directions of the Public Service Commission for the First District, I transmit herewith for your approval a proposed agreement between The City of New York, acting by the Commission, and Interborough Rapid

Transit Company modifying the contract of March 19, 1913 (known as contract No. 3) in order to provide for the reconstruction work in the Steinway Tunnel necessary to fit it for temporary operation and supplementing contract No. 3, by providing terms to govern the temporary operation.

In accordance with the terms of contract No. 3, steps have been taken to secure the conveyance of the Steinway Tunnel to the City. At its meeting on Thursday last there was presented to the Commission for consideration the proposed assignment by the surviving trustees of New York and Long Island Railroad to Interborough Rapid Transit Company of the Steinway Tunnel, and all surviving rights in the railroad as authorized. The Commission took action adopting the necessary findings under chapter 478 of the Laws of 1910 approving the form of the instrument of assignment and transfer and granting its permission thereto. It is expected that at its next meeting there will be ready for action the assignment by Interborough Rapid Transit Company to The City of New York. Contract No. 3 provides in respect of this assignment:

> "Within thirty (30) days after delivery of such assignment (the assignment by the trustees), the lessee shall * * * assign all rights acquired by the assignment hereinbefore referred to, to the City by an instrument to be approved as to form by the Corporation Counsel and as to substance by the Commission and to be delivered to the Board of Estimate on behalf of the City."

As the transfer to the City will have to be effectuated before the modifying and supplemental agreement referred to above can be executed, it is suggested that it would save time if the Board of Estimate and Apportionment at its meeting on Thursday, July 31, could designate some one to accept for it the assignment by the Interborough Company upon such assignment being approved as to substance by the Commission and as to form by the Corporation Counsel.

Respectfully yours, TRAVIS H. WHITNEY, Secretary.

Agreement entered into this day of July, 1913, between The City of New York (hereinafter referred to as "the City") acting by the Public Service Commission for the First District (hereinafter referred to as "the Commission") party of the first part, and Interborough Rapid Transit Company, a corporation organized and existing under the laws of the State of New York (hereinafter referred to as "the Lessee") party of the second part, witnesseth,

Whereas, Heretofore and on or about the 19th day of March, 1913, the City, acting by the Commission, entered into a contract with the Lessee for the equipment, maintenance and operation of additional rapid transit railroads, which contract is hereinafter referred to as "the operating contract"; and,

Whereas, In and by the operating contract provision is made for the construction by the Lessee of a railroad upon the route of the Steinway Tunnel and for the assignment of the railroad partially constructed upon such route by or on account of The New York and Long Island Railroad Company, first by the Trustees of said Company to the Lessee and then by the Lessee to the City, all as more particularly set forth and provided in the operating contract; and,

Whereas, The assignments provided for in the operating contract have been duly made and the said railroad partially constructed is now the property of the City and is deemed to have been constructed under the terms of the operating contract; and,

Whereas, The operating contract provides for the Commission giving notice to the Lessee that it requires the temporary operation of the Steinway Tunnel pending its completion and extension, and further provides for the making of a supplemental agreement with the Lessee setting forth the terms of such temporary operation and providing for the temporary equipment thereof; and,

Whereas, The Commission has duly given the notice referred to and on behalf of the City is ready to enter into such supplemental agreement but desires in addition, in view of the Lesssee's familiarity with and experience in the construction of the partially completed portion of the Steinway Tunnel and its consequent ability to complete the work in the shortest practicable time, to so modify the operating contract as to provide for the Lessee's doing such work of construction in and about the Steinway Tunnel as may be necessary to fit it for such temporary operation; and,

Whereas, The operating contract provides that no change shall be made therein except by a written instrument duly authorized by the Commission, approved by the Board of Estimate and Apportionment of the City and consented to by the sureties upon the Lessee's bond; and.

Whereas, There are now sureties upon the bond filed by the Lessee as security for the performance of its obligations under the operating contract as follows: National Surety Company, Fidelity and Deposit Company of Maryland, United States Fidelity and Guaranty Company, American Surety Company of New York and the Title Guaranty and Surety Company; and,

Whereas, The Board of Estimate and Apportionment of the City has approved this agreement.

Now, therefore, in consideration of the premises and of the mutual stipulations and covenants hereinafter contained, it is agreed as follows:

First: The Lessee shall in a good and workmanlike manner do all such work of construction as defined in the operating contract as may be necessary to fit the said Steinway Tunnel as at present constructed for such temporary operation in accordance with the directions given from time to time by the Chief Engineer to the Commission and in accordance with such plans or drawings and with such specifications as may from time to time be issued by the said Chief Engineer. There shall also be included in such work of construction such work as may be necessary to preserve and maintain the said Steinway Tunnel from the time title thereto vests in the City until the same shall be ready for temporary operation.

The Lessee shall receive in full compensation for doing such work the actual cost thereof, as hereinafter defined, plus ten per centum (10%) thereon to cover expenses of administration, superintendence and engineering and legal expenses in connection therewith. If any portion of such ten per centum (10%) shall not be necessary to pay such expenses of administration, superintendence and engineering and legal expenses, the Lessee shall nevertheless be entitled to receive and retain such excess as compensation for its services, and such excess shall not be deemed to be income, increase or profit resulting from construction under the terms of the operating contract, it being the spirit and intent of this agreement that the Lessee is to be compensated, as hereinafter provided, for an extra burden and obligation not imposed by the operating contract and disassociated therefrom and assumed by it at the request of the Commission by reason of its special familiarity and experience in the construction of the said Steinway Tunnel and its consequent ability to fit the said tunnel more rapidly for operation.

The actual cost of such work shall include the actual and necessary net cost in money of all labor and materials entering into such work, insurance, and damages. To such cost shall be added ten per centum to cover expenses of administration, superintendence and engineering and legal expenses.

If the Lessee so desires it may have the work of construction herein provided for or any part thereof done by a sub-contractor or sub-contractors upon the basis of the actual cost thereof, but any compensation to such sub-contractor or sub-contractors over and above reimbursement for such actual cost shall be paid by the Lessee out of such allowance of ten per centum (10%).

The compensation for such work as hereinbefore provided shall be paid by the Lessee out of its contribution toward the cost of construction provided for in the operating contract and the amount thereof shall be determined by the Chief Engineer as provided in the operating contract, subject to review in the manner and by the method also provided in the operating contract and the amount thereof as thus determined shall constitute a part of the Lessee's contribution toward the cost of construction. All provisions of the operating contract relative to supervision, inspection and determination of cost shall apply to the work herein provided for.

The Lessee agrees to comply with the provisions of the Labor Law, including Section Three thereof as re-enacted by Chapter 36 of the Laws of 1909. The Lessee further agrees and stipulates that no laborer, workman or mechanic in the employ of the Lessee, sub-contractor or other person doing or contracting to do the whole or a part of the work contemplated by this contract, shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; and further that the wages to be paid for a legal day's work as hereinbefore defined to all classes of such laborers, workmen or mechanics upon such public works or upon any material to be used upon or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the Borough of the City where such public work on, about or in connection with such labor is performed, in its final or completed form is to be situated, erected or used; and that each such laborer, workman or mechanic employed by the Lessee or by any sub-contractor or other person employed by the Lessee or by any sub-contractor or other person on, about or upon such public works shall receive such wages herein provided for. This contract shall be void and of no effect, unless the Lessee shall comply with the provisions of this section. In obedience to the requirements of Section Fourteen of the Labor Law it is further provided that if the provisions of the said Section Fourteen are not complied with, this contract shall be void.

Second—The Lessee shall provide approved equipment for such temporary operation such as will afford adequate service by single cars or by trains of cars, and the cost thereof shall be included as part of the cost of equipment of the Railroad as proposed in the operating contract. In case the Lessee shall, with the approval of the Commission, make arrangements for the temporary use of the car equipment necessary for such temporary operation without purchasing the same, the rentals therefor shall be included in the operating expenses for such temporary operation.

When and as the said tunnel is ready for temporary operation the Lessee shall upon the direction of the Commission so to do forthwith commence the temporary operation thereof and give free transfers as provided in the operating contract. The character of operation shall in all respects be in accordance with the provisions of the operating contract, subject, however, to the conditions resulting from the continuance of construction work during operation. The financial terms for such temporary operation shall be as provided in Article LII of the operating contract.

Third—Except as expressly modified herein the operating contract shall remain in full force and effect as though the provisions hereof had been inserted therein prior to its execution.

Fourth—Provided, however, that this agreement shall take effect if and when and only when it is consented to in the form subjoined by National Surety Company, Fidelity & Deposit Company of Maryland, United States Fidelity and Guaranty Co., American Surety Company, and Title Guaranty & Surety Company.

In witness whereof the Commission has caused its official seal to be hereto affixed and attested by its Secretary and these presents to be signed by its Chairman and the Lessee has caused its corporate seal to be hereto affixed and attested by its Secretary, and these presents to be signed by its President, all the day and year first above written.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,

By .....Chairman.

Attest: .....Secretary.

INTERBOROUGH RAPID TRANSIT COMPANY,

By ..... President.

Attest: .....Secretary.

Approval by Corporation Counsel.

The foregoing Contract is hereby approved as to form.

Dated, New York, , 1913.

.....Corporation Counsel.

State of New York, County of New York, ss.:

On this day of , 1913, in the City of New York, in said county, before me personally appeared Edward E. McCall and Travis H. Whitney, each to me known and known to me to be the said Edward E. McCall, the Chairman, and the said Travis H. Whitney, the Secretary of the Public Service Commission for the First District, and the said Edward E. McCall and Travis H. Whitney, being by me duly sworn did depose and say, each for himself and not one for the other, the said Edward E. McCall, that he resides in the Borough of Manhattan, in the said City; that he is the chairman of the said Commission, and that he subscribed his name to the foregoing agreement by virtue of the authority thereof; and the said Travis H. Whitney, that he resides in the Borough of Brooklyn, in the said City; that he is the Secretary of the said Commission, and that he subscribed his name thereto by like authority; and both the said Edward E. McCall and Travis H. Whitney that they know the seal of said Commission and that the same was affixed to the foregoing agreement by the authority of the said Commission and of a resolution duly adopted by the same.

State of New York, County of New York, ss.:

On this day of July, 1913, before me personally appeared to me known, who being by me duly sworn, did depose and say: that he resides in in the State of ; that he is the of Interborough Rapid Transit Company, the corporation described in and which executed the foregoing instrument; that he knows the corporate seal of said company; that one of the seals affixed to said contract is such corporate seal and that it was affixed thereto by order of the Board of Directors of said company and that he signed his name thereto by like authority.

The undersigned, being the sureties of Interborough Rapid Transit Company, the Lessee above mentioned, upon its bond in the sum of One Million Dollars ($1,000,000) hereby consent to the making of the foregoing instrument.

NATIONAL SURETY COMPANY,

By .....

Attest: .....

FIDELITY DEPOSIT COMPANY OF MARYLAND,

By .....

Attest: .....

UNITED STATES FIDELITY & GUARANTY COMPANY,

By .....

Attest: .....

AMERICAN SURETY COMPANY,

By .....

Attest: .....

TITLE GUARANTY & SURETY COMPANY,

By .....

Attest: .....

State of New York, County of New York, ss.:

On this day of July, 1913, before me personally appeared Leonard Dammann, to me known, who, being by me first duly sworn, did depose and say: That he resides in in the State of ; that he is the Vice-President of National Surety Company, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; and that it was affixed thereto by order of the board of directors of said company, and that he signed his name thereto by like authority.

And the said Leonard Dammann further says that he is accquainted with Vincent W. Jones and knows him to be the Resident Assistant Secretary of the said company; that the signature of the said Vincent W. Jones subscribed to the foregoing instrument is the genuine handwriting of the said Vincent W. Jones and was subscribed thereto by like order of the board of directors and in the presence of him, the said Leonard Dammann.

.....Notary Public,
New York County.

State of New York, County of New York, ss.:

On this day of July, 1913, before me personally appeared Hugh M. Allwood, to me known, who, being by me first duly sworn, did depose and say: That he resides in in the State of ; that he is the Attorney-in-fact of Fidelity & Deposit Company of Maryland, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; and that it was affixed thereto by order of the board of directors of said company, and that he signed his name thereto by like authority.

And the said Hugh M. Allwood further says that he is acquainted with James R. Kingsley and knows him to be the Attorney-in-fact of the said company; that the signature of the said James R. Kingsley subscribed to the foregoing instrument is in the genuine handwriting of the said James R. Kingsley and was subscribed thereto by like order of the board of directors and in the presence of him, the said Hugh M. Allwood. .....Notary Public, New York County.

State of New York, County of New York, ss.:

On this day of July, 1913, before me personally appeared Frank T. Gilson, to me known, who, being by me first duly sworn, did depose and say: That he resides in in the State of ; that he is the Attorney-in-fact of United States Fidelity & Guaranty Company, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; and that it was affixed thereto by order of the board of directors of said company, and that he signed his name thereto by like authority.

And the said Frank T. Gilson further says that he is acquainted with Alonzo Gore Oakley and knows him to be the Attorney-in-fact of the said company; that the signature of the said Alonzo Gore Oakley subscribed to the foregoing instrument is in

the genuine handwriting of the said Alonzo Gore Oakley and was subscribed thereto by like order of the board of directors and in the presence of him, the said Frank T. Gilson. .....Notary Public, New York County.

State of New York, County of New York, ss.:

On this day of July, 1913, before me personally appeared Richard Deming, to me known, who, being by me first duly sworn, did depose and say: That he resides in in the State of ; that he is the Vice-President of American Surety Company of New York, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; and that it was affixed thereto by order of the board of directors of said company, and that he signed his name thereto by like authority.

And the said Richard Deming further says that he is acquainted with W. M. Tomlins, Jr., and knows him to be the Assistant Secretary of the said company; that the signature of the said W. M. Tomlins, Jr., subscribed to the foregoing instrument is in the genuine handwriting of the said W. M. Tomlins, Jr., and was subscribed thereto by like order of the board of directors and in the presence of him, the said Richard Deming. .....Notary Public, New York County.

State of New York, County of New York, ss.:

On this day of July, 1913, before me personally appeared George W. Yuengling, to me known, who, being by me first duly sworn, did depose and say: That he resides in the in the State of ; that he is the Attorney-in-fact of The Title Guaranty & Surety Company, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; and that it was affixed thereto by order of the board of directors of said company, and that he signed his name thereto by like authority.

And the said George W. Yuengling further says that he is acquainted with Richard K. McGonigal, and knows him to be the Resident Assistant Secretary of the said company; that the signature of the said Richard K. McGonigal, subscribed to the foregoing instrument is in the genuine handwriting of the said Richard K. McGonigal, and was subscribed thereto by like order of the board of directors and in the presence of him, the said George W. Yuengling.

.....Notary Public, New York County.

Which was referred to the Comptroller and to the Transit Conference Committee and laid over until next meeting (August 28, 1913).

The following Franchise matter not on the Calendar for this day was considered by unanimous consent:

New York Railways Company—Municipal Ferry (No. 22).

In the matter of the communication from the President of the New York Railways Company relative to entering into arrangements by which passengers may ride upon the Municipal Ferry and upon cars of the lines of the New York Railways Company terminating at South Ferry for a single fare of five cents.

At the meeting of July 10, 1913, a report was received from the Committee on Pending Transit Proposals and the matter was then referred back to the Committee.

The President of the Borough of Richmond offered the following:

Resolved, That the Board of Estimate and Apportionment, subject to the concurrence of the Commissioners of the Sinking Fund, hereby authorizes the Commissioner of Docks and Ferries, on behalf of The City of New York, to enter into an agreement with the New York Railways Company, the terms to be approved by this Board and the Public Service Commission for the First District, providing for a system of transfers and transportation between and over the lines operated by the Railroad Company and the municipal ferries.

Said agreement shall, among other things, provide that the City shall pay for and redeem all tickets or transfers issued by it for transportation over the lines of the Railroad Company at the rate of ..... cents per ticket or transfer; that the Railroad Company shall pay for and redeem all transfers issued by it for transportation on the boats of the municipal ferries at the rate of ..... cents per ticket or transfer; that a proper accounting be made between the parties at least every three (3) months, and that, to meet the varying exigencies, which cannot now be anticipated, but which may arise, the terms and conditions of the agreement, with the approval of this Board may be modified or changed.

The following appeared in favor: William S. Van Cleaf, representing the Staten Island Chamber of Commerce; Norman S. Walker, Vice-President, New York Stock Exchange, and Vice-President, Staten Island Civic League; E. C. Bridgeman, President, Staten Island Savings Bank, and representing executive officers of two savings banks, five national banks and five building and loan associations in the Borough of Richmond; Maximillian Ruttenau; U. W. Bock, J. T. Rourke, representing West New Brighton Board of Trade; Rev. Charles A. Cassidy; William Mills; Howard A. Worzel; Percy G. Ullmann, Jr.; Joseph A. Carney; Charles R. Scott, Secretary Westerleigh Improvement Society; J. A. Mathews; M. Schwartz; Ernest Cuozzo, President, St. George Realty and Construction Company, and Secretary, Grassmere Improvement Association.

The Secretary presented a communication from Wm. R. Willcox in favor of the proposition.

The matter was then referred to the Committee on Pending Transit Proposals and to the Commissioner of Docks.

FINANCIAL MATTERS.

President, Borough of Richmond—Establishment of Position of Stenographer and Typewriter (Cal. No. 1).

The Secretary presented:

Communication from the President, Borough of Richmond, requesting establishment of the grade of position of Stenographer and Typewriter at $1,650 per annum for one additional incumbent.

—

Department of Docks and Ferries—Compensation of Pile Driver Engineers (Cal. No. 2).

The Secretary presented:

Communication from the Commissioner of Docks requesting that the compensation of Pile Driver Engineers in the Department of Docks and Ferries be fixed at $5 per day.

—

Department of Street Cleaning—Establishment of the Grade of Position of Automobile Engineman (Cal. No. 3).

The Secretary presented:

Communication from the Commissioner of Street Cleaning requesting the establishment of the grade of position of Automobile Engineman at $1,500 per annum.

—

Board of Education—Compensation of Janitors (Cal. No. 4).

The Secretary presented:

Communication from the Secretary, Board of Education, transmitting certified copy of resolution adopted by said Board July 9, 1913, relative to fixing the compensation of Janitors of various school buildings.

—

Board of Education—Establishment of Positions of Bookkeeper and Examiner of Claims (Cal. No. 5).

The Secretary presented:

Communication from the Secretary, Board of Education, transmitting certified copy of resolution adopted by said Board July 9, 1913, requesting the establishment of grades of positions of Bookkeeper at $2,600 per annum, and Examiner of Claims at $2,100 per annum, for one incumbent respectively.

—

All City Departments—Increase in Wages of Blacksmiths' Helpers (Cal. No. 6).

The Secretary presented:

Communication from the United Blacksmiths' Helpers Union, Local No. 1, of New York and Vicinity, requesting that the wages of Blacksmiths' Helpers employed in the various City Departments be increased from $3 to $3.50 per diem.

—

Chief City Magistrate, First Division—Establishment of Grade of Position of Chief Clerk (Cal. No. 7).

The Secretary presented:

Communication from the Chief City Magistrate, First Division, requesting the establishment of the grade of position of Chief Clerk at $7,000 per annum, for one incumbent.

Chief City Magistrate, Second Division—Establishment of Grade of Position of Chief Clerk (Cal. No. 8).

The Secretary presented:

Communication from the Chief City Magistrate, Second Division, requesting the establishment of the grade of position of Chief Clerk at $7,000 per annum, for one incumbent.

—

Commissioner of Public Charities—Retirement of Mary Bracken, Nurse (Cal. No. 9).

The Secretary presented:

Communication from the Commissioner of Public Charities recommending the retirement, pursuant to chapter 669, Laws of 1911, as amended, of Mary Bracken, Hospital Helper (Nurse) on Steamboats of the Department of Public Charities.

—

Department of Water Supply, Gas and Electricity—Retirement of John F. Denny, Messenger (Cal. No. 10).

The Secretary presented:

Communication from the Mayor recommending the retirement, pursuant to chapter 669, Laws of 1911, as amended, of John F. Denny, Messenger in the Department of Water Supply, Gas and Electricity.

—

President, Borough of Brooklyn—Retirement of Peter Brennan, Foreman of Laborers (Cal. No. 11).

The Secretary presented:

Communication from the President, Borough of Brooklyn, recommending the retirement, pursuant to chapter 669, Laws of 1911, as amended, of Peter Brennan, Foreman of Laborers, Bureau of Highways, Brooklyn.

Which were referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President, Board of Aldermen.

Appropriation for Creation of Markets and Shelters for Push Carts (Cal. No. 12).

The Secretary presented a communication from his Honor the Mayor requesting that there be placed upon the Calendar the matter of providing funds to create markets and shelters for push carts.

On motion, his Honor the Mayor was authorized to appoint a committee to consider this matter, which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16

Brooklyn Disciplinary Training School for Boys—Continuation Thereof (Cal. No. 13).

The Secretary presented a communication from the Comptroller requesting that there be placed upon the Calendar the suggestion of Mr. Louis H. Pink, president of the Board of Managers of the Brooklyn Disciplinary Training School for Boys, that the Board of Estimate and Apportionment consider the continuance of this school, and, in the event of its discontinuance, the course to be followed in making provision for the cases heretofore handled by the school, which suggestion was referred to a committee consisting of the Deputy and Acting Comptroller, the President of the Borough of Brooklyn and the President of the Board of Aldermen, to consider the matter.

Public Service Commission, First District—Rescission of Issue of Corporate Stock (Cal. No. 14).

The Secretary presented the following:

State of New York, Public Service Commission, for the First District, Tribune Building, 154 Nassau street, New York, July 23, 1913.

JOSEPH HAAG, ESQ., *Secretary, Board of Estimate and Apportionment, 277 Broadway, New York City:*

Dear Sir—In further reference to the resolution adopted by the Board of Estimate and Apportionment on July 10, 1913, authorizing an issue of $11,000 corporate stock for extra work under Contract No. 2, I beg to state that in view of the resolutions adopted by the Board on July 3, 1913, rescinding certain unemcumbered balances of authorizations and authorizing a further issue of corporate stock for such purpose, the issue of $11,000 is now unnecessary and may be rescinded.

Yours very truly, TRAVIS H. WHITNEY, Secretary.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment July 10, 1913, which reads as follows:

"Resolved, That, pursuant to the provisions of section 37 of chapter 4 of the Laws of 1891, as amended, known as the Rapid Transit Act, and pursuant to chapter 48 of the Consolidated Laws, as amended, known as the Public Service Commission Law, and pursuant to a requisition of the Public Service Commission for the First District, duly made by the Chairman and Secretary thereof, on May 20, 1913, the Comptroller be and is hereby authorized to issue corporate stock of The City of New York to an amount not exceeding eleven thousand dollars ($11,000), the proceeds thereof to be applied to the requirements of extra work under contract No. 2, being the contract for the construction, equipment and operation of the Brooklyn-Manhattan Rapid Transit Railroad,"

—be and the same is hereby *rescinded*

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16

Department of Docks and Ferries—Plan for Terminal Facilities in the Borough of Queens, Bounded by Borden Avenue, VanDam Street, Hunter's Point Avenue, and the Centre Line of Dutch Kills Creek, Including Water and Car Float Connections on Dutch Kills Creek Between Borden Avenue and Hunter's Point Avenue (Cal. No. 15).

The Secretary presented the following:

Department of Docks and Ferries, City of New York, Pier A, North River, New York, July 11, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman of the Board of Estimate and Apportionment:*

Sir—I deem it for the best interests of the City, and herewith submit to the Board of Estimate and Apportionment, under the provisions of Chapter 521 of the Laws of 1913, a plan for terminal facilities upon lands and lands under water situate, lying and being in the Borough of Queens, City of New York, and bounded and described as follows: Bounded by Borden avenue, Van Dam street, Hunter's Point avenue and the center line of Dutch Kills Creek, and including water and car float connections on Dutch Kills Creek between Borden avenue and Hunter's Point avenue, consisting of:

A map showing the area to be included in said terminal, together with the location of any buildings, railroad tracks, wharves, piers, bulkheads and other structures which are to form a part thereof. No real property is to be acquired by the City of New York in connection with the establishment of the proposed terminal.

This plan for terminal facilities is the same plan submitted to the Board of Estimate and Apportionment by the Commissioner of Docks under date of April 4, 1913, and which the Commissioner of Docks was authorized to adopt, pursuant to the provisions of Chapter 776 of the Laws of 1911, by the Board of Estimate and Apportionment on May 22, 1913.

The proceedings taken upon the submission of April 4, 1913, were irregular because of the passage of Chapter 521 of the Laws of 1913, between the date of the submission by the Commissioner of Docks on April 4, 1913, and action by the Board of Estimate and Apportionment on May 22, 1913.

Respectfully, R. A. C. SMITH, Commissioner of Docks.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby fixes the hour of 10.30 o'clock in the forenoon, on Thursday, September 18, 1913, in Room 16, City Hall, Borough of Manhattan, City of New York, as the time and place for a public hearing relative to the plan submitted by the Commissioner of Docks to the Board of Estimate and Apportionment, under date of July 11, 1913, in accordance with the provisions of chapter 521 of the Laws of 1913, for terminal facilities to be located upon lands and lands under water situate, lying and being in the Borough of Queens, City of New York, and bounded and described as follows:

Bounded by Borden avenue, Van Dam street, Hunters Point avenue and the centre line of Dutch Kills Creek, and including water and car float connections on Dutch Kills Creek between Borden avenue and Hunters Point avenue.

Resolved, That the Secretary of this Board cause a notice of said hearing to be published in the CITY RECORD and in two newspapers published in The City of New

York, to be designated by the Mayor, for not less than six consecutive days, not less than seven nor more than thirty days before said hearing, which notice shall contain a general description sufficient to identify the said plan, a statement of the date, time and place of such meeting, and that at such meeting all persons in interest will be heard prior to the adoption of any resolution of this Board in the premises.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16

Police Department—Increasing Quota of Patrolmen (Cal. No. 16).

The Secretary presented the following:

Police Department, City of New York, July 16, 1913.

To the Honorable, Board of Estimate and Apportionment:

Gentlemen—In pursuance of the resolution adopted by the Board of Estimate and Apportionment July 10, 1913.

"Resolved, That the appropriation of $211,866.66, to provide for appointment of four hundred and fifty-four (454) additional Patrolmen at $800, to average seven months' service, be and is hereby made available for the uses and purposes intended."

—and it being provided in Section 276 of the Charter, as amended by Chapter 160 of the Laws of 1907,

"Section 276. Until otherwise provided by the Board of Estimate and Apportionment, upon the recommendation of the Mayor and Police Commissioner, the Police force in the Police Department created by this Charter shall consist of the following members, to wit: * * * and patrolmen to the number * * * "

—and the quota of patrolmen of the Police force of the Police Department of the City of New York having been increased from time to time in accordance with law, and now being the number of 8,933, it is hereby recommended that such quota be increased by the number of 454 additional patrolmen, making a total of 9,387.

Respectfully, D. I. McKAY, Acting Police Commissioner.

Approved—W. J. GAYNOR, Mayor of the City of New York.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 10, 1913, the Board of Estimate and Apportionment adopted the following resolution:

"Resolved, That the appropriation of $211,866.66, to provide for appointment of 454 additional patrolmen at $800, to average seven months' service, be and is hereby made available for the uses and purposes intended."

Section 276 of the Greater New York Charter, as amended by Chapter 160 of the Laws of 1907, provides that the quota of Patrolman can be increased by the Board of Estimate and Apportionment upon the recommendation of the Mayor and Police Commissioner.

On July 16, 1913, the Mayor and the Acting Police Commissioner recommended that the quota of Patrolmen be increased from 8,933 to 9,387.

The 454 additional Patrolmen cannot be appointed until the quota is fixed at 9,387. The Acting Police Commissioner states that an eligible list of candidates awaits the necessary action of the Board of Estimate and Apportionment which will increase the present quota by 454. He also states that the appointment of additional Patrolmen will be made immediately after such action has been taken.

I recommend the adoption of the attached preambles and resolution approving the recommendation of the Mayor and Acting Police Commissioner.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following was offered:

Whereas, The Police Commissioner has recommended that the quota of Patrolmen of the Police Force of the City of New York be increased by four hundred and fifty-four (454); and

Whereas, Said recommendation has been duly concurred in by his Honor the Mayor; therefore be it

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of chapter 160 of the Laws of 1907, hereby authorizes the Police Commissioner to increase the number of Patrolmen of the police force from 8,933 to 9,387.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Emily Roemer—Conveyance of All the Right, Title and Interest of The City of New York in and to Certain Lands Under the Waters of Spuyten Duyvil Creek (Cal. No. 17).

The Secretary presented the following:

City of New York, Law Department, Office of the Corporation Counsel, New York, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—I am in receipt of a communication from the Assistant Secretary to the Board, dated July 14, 1913, transmitting a certified copy of a resolution adopted July 10, 1913, authorizing the conveyance to Emily M. Roemer of all the right, title and interest of The City of New York in and to certain lands under the waters of Spuyten Duyvil Creek or the Harlem River described in said resolution.

In accordance with the terms of said resolution I have prepared and herewith transmit quitclaim deed, in quadruplicate, approved as to form. Respectfully yours,

C. D. OLENDORF, Acting Corporation Counsel.

This indenture made this day of 1913, by and between The City of New York, party of the first part, and Emily M. Roemer, residing at No. Borough of , The City of New York, witnesseth:

Whereas, The Board of Estimate and Apportionment of The City of New York is authorized by Section 2 of Chapter 615 of the Laws of 1904 to convey certain lands under water of Spuyten Duyvil Creek to the owners of the adjacent uplands upon terms and conditions to be agreed upon; and

Whereas, The Board of Estimate and Apportionment of The City of New York did, by a resolution adopted on the 10th day of July 1913, authorize a conveyance to the party hereto of the second part of the City's interest in and to the property hereinafter described.

Now this indenture witnesseth that the party hereto of the first part for and in consideration of the sum of thirteen and 50-100 ($13.50) dollars lawful money of the United States of America, to it in hand paid, the receipt whereof is hereby acknowledged and for and in consideration of the covenants of the party of the second part hereinafter contained, hereby releases, remises and forever quit claims and by these presents does release, remise and forever quit claim unto the party of the second part, all the right title and interest of The City of New York, in and to the following described premises:

All that certain lot, piece or parcel of land situate, lying and being in the Borough of Manhattan, City of New York, described as follows:

Beginning at a point on the southerly side of 226th street, where the same if continued in a direct line easterly would be intersected by the westerly mean high water line of Spuyten Duyvil Creek; thence along the southerly side of 226th street if the same were continued in a direct line to the point where the same would intersect the westerly side of a street which was formerly known as Exterior street, as laid out by the Common Council on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859, and which said street was closed and discontinued by Chapter 478 of the Laws of 1885; thence northerly along said westerly side of said Exterior street of 1859 to a point where the same would be intersected by the northerly side of 226th street if the same were continued in a direct line easterly to said westerly side of said Exterior street of 1859; thence westerly along said northerly side of 226th street if continued as above, to a point where the same would be intersected by the westerly mean high water line of Spuyten Duyvil Creek, thence southerly along said westerly mean high water line to the point or place of beginning.

Also all that certain lot, piece or parcel of land in the Borough of Manhattan, City of New York, described as follows:

Begining at a point on the southerly side of 227th street, where the said southerly side of 227th street if continued easterly in a straight line would intersect the westerly mean high water line of the Spuyten Duyvil Creek; thence easterly along the said southerly side of 227th street if continued in a straight line easterly to a point where the same would intersect the westerly side of a street formerly known as Exterior street as laid out by the resolution of the Common Council on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859; thence northerly along the said westerly line of Exterior street of 1859 to a point where the same would be intersected by a line drawn parallel to, between and an equal distance from the northerly and southerly sides of 227th street, and extending from Broadway in a direct line to the westerly side of said Exterior street; thence westerly along the line drawn as aforesaid parallel to the northerly and southerly sides of 227th street to a point on a line drawn parallel with Broadway, which would be distant along said first mentioned line one hundred and twenty-five (125) feet east of Broadway; thence southerly along the said line drawn parallel with Broadway and distant one hundred and twenty-five (125) feet east thereof to a point where the said line would be intersected by the westerly mean high water line of Spuyten Duyvil Creek, and thence southerly along said mean high water line of Spuyten Duyvil Creek to the point or place of beginning.

Together with the appurtenances and all the estate and rights of the said party of the first part in and to said premises.

To have and to hold the above described premises unto the said party of the second part her heirs and assigns forever.

The party of the second part hereby releases, satisfies and discharges the party of the first part of and from any and all claim for damages arising out of or accruing by reason of the closing of 226th, 227th and Exterior streets.

And the party of the second part covenants and agrees to and with the party of the first part that, if at any time hereafter it should ever appear that the party hereto of the second part was not, at the date of these presents, the owner of the lands and premises abutting upon the premises herein described, then and in such event these presents shall be null and void.

In witness whereof the party of the first part has caused these presents to be subscribed by its Mayor and its corporate seal to be hereunto affixed and attested by its City Clerk and the party of the second part has hereunto set her hand and seal the day and year first above written.

In presence of

THE CITY OF NEW YORK.

.....Mayor.

Attest: ..... City Clerk of The City of New York.

Approved as to form: C. D. OLENDORF, Acting Corporation Counsel.

State of New York, City of New York, County of New York, ss.:

On this day of nineteen hundred and thirteen, before me personally came P. J. Scully, to me known, who being by me duly sworn, says, that he resides in said The City of New York, and is the City Clerk of said City, the corporation described in and which executed the foregoing instrument; that he knows the corporate seal of the said The City of New York, and that the seal affixed to the foregoing instrument is such corporate seal, and that same was affixed thereto by due authority of said corporation, and that he signed his name by like authority. And further, that deponent is acquainted with William J. Gaynor, and knows him to be the Mayor of said The City of New York; that he was present and saw the said William J. Gaynor execute the foregoing instrument and he thereupon subscribed his name attesting such execution.

..... Commissioner of Deeds, New York City.

State of New York, City of New York, County of New York, ss.:

On this day of 1913, before me personally came Emily M. Roemer, to me known and known to me to be the person described in and who executed the foregoing instrument and she acknowledged to me that she executed the same.

The following resolution was offered:

Whereas, The Board of Estimate and Apportionment, at a meeting held July 10, 1913, adopted a resolution authorizing the conveyance to Emily M. Roemer of all the right, title and interest of the city, in and to certain lands under the waters of Spuyten Duyvil Creek or the Harlem River, as described in said resolution.

Resolved, That his Honor the Mayor be and he is hereby authorized and requested to execute the conveyance to said Emily M. Roemer of said lands in the form submitted by the Corporation Counsel to the Board of Estimate and Apportionment under date of July 25, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Richmond—Acquisition of Site for Clifton Refuse Destructor (Cal. No. 18).

(On February 6, 1913, the Board adopted a resolution approving of and concurring in the ordinance of the Board of Aldermen relative to the selection of site to be acquired for the above purpose, and on April 3, 1913, a communication from the Corporation Counsel relative to the amendment of this ordinance by excluding a portion of the property lying within the lines of Rosebank avenue, etc., was referred to the President of the Borough of Richmond.)

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, April 15, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment, 277 Broadway, New York City:*

Dear Sir—In response to yours of the 3rd inst., enclosing copy of Corporation Counsel's letter concerning piece of property to be acquired for the use of the Bureau of Street Cleaning, would say that we are this day sending to the Board of Aldermen the necessary copies of the revised map in accordance with Corporation Counsel's advice. We have called to the Board of Aldermen's attention the fact of a serious error in the technical description of the property as given by Corporation Counsel's letter, but are furnishing the correct information so that when the matter shall again be passed by the Board of Aldermen the description of property to be acquired should be according to the information now furnished rather than that as given in the letter to which we have referred.

Very truly yours, GEORGE CROMWELL, President of the Borough.

In the Board of Aldermen.

No. 723.

AN ORDINANCE selecting a site to be acquired for municipal purposes in the care and under the jurisdiction of the Bureau of Street Cleaning of the President of the Borough of Richmond.

Be It Ordained, By the Board of Aldermen of The City of New York, as follows:

Section 1. The Board of Aldermen hereby selects as a site to be acquired for municipal purposes in the care and under the jurisdiction of the Bureau of Street Cleaning of the President of the Borough of Richmond, the following described lands and premises located in Rosebank, in the County of Richmond, in The City of New York, to wit:

"Beginning at the intersection of the westerly line of Rosebank ave., as shown on map which was adopted by the Board of Estimate and Apportionment on the 20th day of May, 1910, with the northerly line of land occupied by the Clifton Refuse Destructor, which was conveyed to The City of New York October 4, 1907.

"1. Thence in a southwesterly direction deflecting 84 degrees 24 minutes 30 seconds to the right from the westerly side of Rosebank ave. as it extends to the south, along the northerly side of said land conveyed to The City of New York 197.28 feet to the right of way of the Staten Island Railway.

"2. Thence in a northeasterly direction deflecting 153 degrees 56 minutes 30 seconds to the right along said railroad right of way 230.64 feet.

"3. Thence southeasterly along said westerly line of Rosebank ave. 101.81 feet to the point of beginning."

Section 2. The Corporation Counsel is hereby authorized and directed to institute condemnation proceedings for the acquisition of said lands and premises.

Section 3. This ordinance shall not preclude the acquisition of the above described lands and premises, or any part thereof, by purchase from the owner or the respective owners thereof, at a price authorized by the Board of Estimate and Apportionment.

Section 4. The Clerk of this Board is hereby directed to prepare two similar surveys, maps or plans of said lands and premises and file the same—one in the office of this Board and the other in the office of the Clerk of the County of Richmond.

Section 5. This ordinance shall take effect immediately.

Adopted by the Board of Aldermen May 6, 1913, a majority of all the members elected voting in favor thereof.

Received from his Honor the Mayor May 20, 1913, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it. P. J. SCULLY, Clerk.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of and concurs in the following ordinance adopted by the Board of Aldermen May 6, 1913:

"AN ORDINANCE selecting a site to be acquired for municipal purposes in the care and under the jurisdiction of the Bureau of Street Cleaning of the President of the Borough of Richmond.

"Be It Ordained, by the Board of Aldermen of The City of New York, as follows:

"Section 1. The Board of Aldermen hereby selects as a site to be acquired for municipal purposes in the care and under the jurisdiction of the Bureau of Street Cleaning of the President of the Borough of Richmond the following described lands and premises located in Rosebank, in the County of Richmond, in The City of New York, to wit:

"'Beginning at the intersection of the westerly line of Rosebank avenue, as shown on map which was adopted by the Board of Estimate and Apportionment on the 20th day of May, 1910, with the northerly line of land occupied by the Clifton Refuse Destructor, which was conveyed to The City of New York October 4, 1907.

"'1. Thence in a southwesterly direction deflecting 84 degrees 24 minutes 30 seconds to the right from the westerly side of Rosebank avenue as it extends to the south, along the northerly side of said land conveyed to The City of New York 197.28 feet to the right of way of the Staten Island Railway.

"'2. Thence in a northeasterly direction deflecting 153 degrees 56 minutes 30 seconds to the right along said railroad right of way 230.64 feet.

"'3. Thence southeasterly along said westerly line of Rosebank avenue 101.81 feet to the point of beginning.'

"Section 2. The Corporation Counsel is hereby authorized and directed to institute condemnation proceedings for the acquisition of said lands and premises.

"Section 3. This ordinance shall not preclude the acquisition of the above described lands and premises, or any part thereof, by purchase from the owner or the respective owners thereof, at a price authorized by the Board of Estimate and Apportionment.

"Section 4. The Clerk of this Board is hereby directed to prepare two similar surveys, maps or plans of said lands and premises and file the same—one in the office of this Board and the other in the office of the Clerk of the County of Richmond.

"Section 5. This ordinance shall take effect immediately."

—and be it further

Resolved, That the acquisition of the aforesaid lands and premises by The City of New York for said purpose be and the same is hereby approved and authorized, and the Corporation Counsel is hereby directed to institute condemnation proceedings for the acquisition of said property.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Parks, Boroughs of Manhattan and Richmond—Transfer to the City of All the Right, Title and Interest of the New York Baseball Club to the "John T. Brush" Stairway (Cal. No. 19).

The Secretary presented the following:

In the Board of Aldermen.

Whereas, The New York Base Ball Club has recently constructed a public improvement in High Bridge Park, Borough of Manhattan, under the jurisdiction and with the approval of the Commissioner of Parks for the Boroughs of Manhattan and Richmond, said improvement being intended for the benefit of the general public and to be designated and known as the John T. Brush Stairway; and

Whereas, It is the intention of the New York Base Ball Club to transfer the right, title and interest in the said stairway to The City of New York in consideration of the payment of one dollar and other conditions; now, therefore be it

Resolved, That the Board of Estimate and Apportionment be and the same is hereby respectfully requested to authorize the Comptroller of The City of New York to draw his warrant in favor of the New York Base Ball Club for the sum of one dollar, said sum to be intended as payment in full for all right, title and interest in the public improvement known as the John T. Brush Stairway, Borough of Manhattan.

Adopted by the Board of Aldermen July 15, 1913, a majority of all the members elected voting in favor thereof. P. J. SCULLY, Clerk.

The following resolution was offered:

Whereas, The Board of Aldermen, on July 15, 1913, adopted the following resolution:

"Whereas, The New York Base Ball Club has recently constructed a public improvement in High Bridge Park, Borough of Manhattan, under the jurisdiction and with the approval of the Commissioner of Parks for the Boroughs of Manhattan and Richmond, said improvement being intended for the benefit of the general public and to be designated and known as the John T. Brush Stairway; and

"Whereas, It is the intention of the New York Base Ball Club to transfer the right, title and interest in the said stairway to The City of New York in consideration of the payment of one dollar and other conditions; now, therefore, be it

"Resolved, That the Board of Estimate and Apportionment be and the same is hereby respectfully requested to authorize the Comptroller of The City of New York to draw his warrant in favor of the New York Base Ball Club for the sum of one dollar, said sum to be intended as payment in full for all right, title and interest in the public improvement known as the John T. Brush Stairway, Borough of Manhattan."

Resolved, That the Comptroller be and he is hereby requested to draw a warrant in favor of the New York Base Ball Club for the sum of one dollar in payment of the transfer to The City of New York of all right, title and interest of said New York Base Ball Club in the public improvement known as the "John T. Brush Stairway," in High Bridge Park, Borough of Manhattan, under the jurisdiction of the Department of Parks, Boroughs of Manhattan and Richmond.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

City Magistrate, First Division—Issue of Special Revenue Bonds (Cal. No. 20).

The Secretary presented:

Communication from the Chief City Magistrate, First Division, requesting the issue of $1,500 special revenue bonds for the purchase of supplies, in order to continue the Finger Print System during the remainder of 1913.

Which was referred to the Comptroller.

Public Service Commission, First District—Approval of Contract for the Construction of Section 4, Route 5, Lexington Avenue Rapid Transit Railroad and Issue of Corporate Stock Therefor (Cal. No. 21).

The Secretary presented:

Communication from the Public Service Commission submitting contract between The City of New York and the Dock Contractor Company for the construction of Section 4, Route 5, Lexington Avenue Rapid Transit Railroad, which begins under Broadway at a point between Houston and Bleecker streets, and extends under Broadway and Union Square to 14th street, and requesting that the Board consent to the said proposed contract and authorize the issue of $2,578,078 corporate stock to meet the requirements of said contract.

This matter was disposed of as Cal. No. 123.

President Borough of The Bronx—Authority to Retain an Architect (Cal. No. 22).

The Secretary presented:

Communication from the President, Borough of The Bronx, requesting authority to retain an Architect to make estimates of the cost of the furnishings and fittings for the Bronx Court-House, in order that a report of the amount necessary for said purpose may be made to the Board.

Which was referred to the Comptroller.

Public Service Commission, First District—Approval of Contract for Construction of Section 1, Routes 4 and 36 (Cal. No. 23).

The Secretary presented:

Communication from the Public Service Commission submitting contract between The City of New York and E. E. Smith Contracting Company for the construction of Sec. 1, Routes Nos. 4 and 36, of the Lexington Avenue Rapid Transit Railroad, which begins at a point under Union square in the Borough of Manhattan, about 390 feet north of the intersection of 14th street, and extends under Union square and Broadway to 26th street, and requesting that the Board consent to the proposed contract and authorize the issue of $2,056,702.50 corporate stock to meet the requirements of said contract.

This matter was disposed of as Cal. No. 130.

Board of Education—Transfer of Proceeds of Sale of Products of Manhattan Trade School for Girls to the Special Trade School Fund (Cal. No. 24).

The Secretary presented:

Communication from the Secretary, Board of Education, transmitting certified copy of resolution adopted by said Board July 9, 1913, requesting that the sum of $1,005.40, representing the proceeds of the sale of products of the Manhattan Trade School for Girls, be transferred to the Special Trade School Fund.

Which was referred to the Comptroller.

New York Public Library—Issue of Special Revenue Bonds (Cal. No. 25A).

The Secretary presented the following:

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of $9,217, the proceeds thereof to be used by the Trustees of the New York Public Library for the preparation of books for certain branch libraries and the operation of certain of said branch libraries, as follows:

West 40 St. Branch, 457 West 40th St.—		
Additional amount required for operation of branch from September 1 to December 31		$644 00
Melrose Branch, Corner of Morris Ave. and 162d St.—		
Preparation of books	$2,200 00	
Operation of branch from November 1 to December 31	3,073 00	
		5,273 00
Washington Heights Branch, Corner of 160th St. and St. Nicholas Ave.—		
Preparation of books		1,100 00
Woodstock Branch, 761 East 160th St.—		
Preparation of books		2,200 00
		$9,217 00

—all obligations hereunder to be contracted on or before December 31, 1913.

Adopted by the Board of Aldermen July 15, 1913, three-fourths of all the members voting in favor thereof.

Approved by the Mayor July 23, 1913. P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 15, 1913, the Board of Aldermen requested $9,217 in special revenue bonds for the New York Public Library, the proceeds whereof to be used for the operation of new branch libraries for the balance of the year, and the preparation of books therefor. In connection therewith I report as follows:

It is planned to open the West 40th street branch on September 1, 1913, and $644 will be necessary to cover operating expenses during the balance of the year. It is stated that the Melrose branch will be ready for occupancy on November 1, 1913. The estimated cost of operation of this branch for two months is $3,073. On June 26, 1913, the Board of Estimate and Apportionment authorized $25,000 in corporate stock for the purchase of a new stock of books for the Melrose, Washington Heights and Woodstock branches. It is necessary that these books be prepared in advance of the opening of the branches and the estimated cost for that purpose is $5,500. Approximately 28,000 volumes will be purchased and the amount asked for preparation appears to be reasonable.

I recommend the adoption of the attached resolutions granting the request.

Respectfullly, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on July 15, 1913, and approved by the Mayor July 23, 1913, requesting an issue of special revenue bonds in the sum of nine thousand two hundred and seventeen dollars ($9,217), the proceeds thereof to be used by the Trustees of the New York Public Library for the preparation of books for certain branch libraries and the operation of certain of said branch libraries, as follows:

West 40th Street Branch, 457 West 40th Street—		
Additional amount required for operation of branch from September 1 to December 31		$644 00
Melrose Branch, Corner of Morris Avenue and 162d Street—		
Preparation of books	$2,200 00	
Operation of branch from November 1 to December 31	3,073 00	
		5,273 00
Washington Heights Branch, Corner of 160th Street and St. Nicholas Avenue—		
Preparation of books		1,100 00
Woodstock Branch, 761 East 160th Street—		
Preparation of books		2,200 00
		$9,217 00

—all obligations hereunder to be contracted on or before December 31, 1913,

—be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment for the following purposes, and to the hereafter named amounts:

Personal Service, Salaries, Temporary Employees, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Force	$170 00
Personal Service, Salaries, Temporary Employees, Circulation of Books, Branch Libraries, Revenue Bond Force	6,705 00
Personal Service, Wages, Temporary Employees, Circulation of Books, Branch Libraries, Revenue Bond Force	165 00
Supplies, Fuel Supplies, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Allowance	300 00
Supplies, Office Supplies, Circulation of Books, Branch Libraries, Revenue Bond Allowance	604 00
Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Allowance	50 00
Purchase of Equipment, Office Equipment, Circulation of Books, Branch Libraries, Revenue Bond Allowance	100 00
Purchase of Equipment, General Plant Equipment, Circulation of Books, Branch Libraries, Revenue Bond Allowance	903 00
Contract or Open Order Service, Light, Heat and Power, Lighting, Public Buildings, Care of Buildings and Grounds, Branch Libraries, Revenue Bond Allowance	220 00
	$9,217 00

—and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding nine thousand two hundred and seventeen dollars ($9,217), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the New York Public Library for the year 1913, as follows:

Personal Service, Salaries Temporary Employees, Care of Buildings and Grounds, Branch Libraries.

2208½	Revenue Bond Force—		
	Janitor at $840 (2 months)		$140 00
	Janitor at $90 (4 months)		30 00
			$170 00

Personal Service, Salaries Temporary Employees, Circulation of Books, Branch Libraries.

2212½ Revenue Bond Force—

Librarian at $1,260 (2 months)	$210 00
Assistant Librarian at $900 (6 months)	450 00
Assistant Librarian at $840 (6 months)	420 00
Assistant Librarian at $720 (10 months)	600 00
Assistant Librarian at $660 (10 months)	550 00
Assistant Librarian at $600 (18 months)	900 00
Assistant Librarian at $540 (24 months)	1,080 00
Assistant Librarian at $480 (31 months)	1,240 00
Assistant Librarian at $420 (20 months)	700 00
Assistant Librarian at $360 (16 months)	480 00
Assistant Librarian at $300 (3 months)	75 00
	$6,705 00

Personal Service, Wages Temporary Employees, Circulation of Books, Branch Libraries.

2216½ Revenue Bond Force—

Substitute Holiday Service, at $3 a day (47 days)	$141 00
Substitute Holiday Service, at $2 a day (6 days)	12 00
Substitute Holiday Service, at $1 a day (12 days)	12 00
	$165 00

Supplies, Fuel Supplies, Care of Buildings and Grounds, Branch Libraries.

2217½ Revenue Bond Allowance $300 00

Supplies, Office Supplies, Circulation of Books, Branch Libraries.

2223½ Revenue Bond Allowance $604 00

Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Buildings and Grounds, Branch Libraries.

2224½ Revenue Bond Allowance $50 00

Purchase of Equipment, Office Equipment, Circulation of Books, Branch Libraries.

2232½ Revenue Bond Allowance $100 00

Purchase of Equipment, General Plant Equipment, Circulation of Books, Branch Libraries.

2236½ Revenue Bond Allowance $903 00

Contract or Open Order Service, Light, Heat and Power, Lighting Public Buildings, Care of Buildings and Grounds, Branch Libraries.

2240½ Revenue Bond Allowance $220 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Mayor's Office, Bureau of Licenses—Issue of Special Revenue Bonds (Cal. No. 25B).

The Secretary presented the following:

In the Board of Aldermen.

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of $11,650, the proceeds to be used by the Bureau of Licenses for the employment of help for the execution of the ordinance relative to public hacks, enacted by this Board on May 27, 1913, said help to be employed from August 1 to December 31, 1913, as follows:

3 Inspectors of Taxicabs, at $1,500 per annum	$1,875 00
12 Inspectors of Taxicabs, at $1,200 per annum	6,000 00
2 Automobile Mechanics, at $1,200 per annum	1,000 00
1 Expert Taximeter Maker, at $1,500 per annum	625 00
1 Tinsmith, at $1,200 per annum	500 00
1 Stenographer and Typewriter, at $1,200 per annum	500 00
1 Clerk, at $1,200 per annum	500 00
2 Laborers, at $780 per annum	650 00
	$11,650 00

Adopted by the Board of Aldermen July 15, 1913, three-fourths of all the members voting in favor thereof.

Approved by the Mayor July 23, 1913. P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 15, 1913, the Board of Aldermen requested $11,650 in special revenue bonds, the proceeds whereof to be used by the Bureau of Licenses for the employment of help for the execution of the ordinance relative to public hacks, enacted by the Board of Aldermen on May 27, 1913, said help to be employed from August 1 to December 31, 1913, as follows:

3 Inspectors of Taxicabs, at $1,500 per annum	$1,875 00
12 Inspectors of Taxicabs, at $1,200 per annum	6,000 00
2 Automobile Mechanics, at $1,200 per annum	1,000 00
1 Expert Taximeter Maker, at $1,500 per annum	625 00
1 Tinsmith, at $1,200 per annum	500 00
1 Stenographer and Typewriter, at $1,200 per annum	500 00
1 Clerk, at $1,200 per annum	500 00
2 Laborers, at $780 per annum	650 00
	$11,650 00

In connection therewith I report as follows:

For the Bureau of Licenses properly to execute the ordinance of May 27, 1913, in relation to public hacks, it will be necessary to employ the force as set forth in the above schedule. I would, however, recommend the employment on a per diem basis of the following employes:

Automobile Machinists, at $4.50 per day; Laborers, at $2.50 per day; Tinsmiths, at $5.00 per day.

The change from an annual to a per diem basis of compensation for these employes reduces the total amount necessary by $2.

I recommend the adoption of the attached resolutions granting the request in the sum of $11,648. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on July 15, 1913, and approved by the Mayor July 23, 1913, requesting an issue of special revenue bonds in the sum of eleven thousand six hundred and fifty dollars ($11,650), the proceeds whereof to be used by the Bureau of Licenses for the employment of help for the execution of the ordinance relative to public hacks, enacted by the Board of Aldermen on May 27, 1913, said help to be employed from August 1 to December 31, 1913, as follows:

3 Inspectors of Taxicabs, at $1,500 per annum	$1,875 00
12 Inspectors of Taxicabs, at $1,200 per annum	6,000 00
2 Automobile Mechanics, at $1,200 per annum	1,000 00
1 Expert Taximeter Maker, at $1,500 per annum	625 00
1 Tinsmith, at 1,200 per annum	500 00
1 Stenographer and Typewriter, at $1,200 per annum	500 00
1 Clerk, at $1,200 per annum	500 00
2 Laborers, at $780 per annum	650 00
	$11,650 00

—be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment to the extent of eleven thousand six hundred and forty-eight dollars ($11,648), as follows:

Salaries, Temporary Employees	$9,500 00
Wages, Temporary Employees	2,148 00
	$11,648 00

—and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding eleven thousand six hundred and forty-eight dollars ($11,648), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the Chief of the Bureau of Licenses, the Mayoralty, for the year 1913, to be effective as of August 1, as follows:

THE MAYORALTY.

Personal Service, Salaries, Temporary Employees, Issuance of Licenses, Bureau of Licenses, All Boroughs.

10½R Inspection—

Inspector of Taxicabs, at $1,500 (15 months)	$1,875 00
Inspector of Taxicabs, at $1,200 (60 months)	6,000 00
Taximeter Expert, at $1,500 (5 months)	625 00
Stenographer and Typewriter, at $1,200 (5 months)	500 00
Clerk, at $1,200 (5 months)	500 00
Schedule total	$9,500 00
Special revenue bond allowance	$9,500 00
Total allowance	$9,500 00

THE MAYORALTY.

Personal Service, Wages, Temporary Employees, Issuance of Licenses, Bureau of Licenses, All Boroughs.

13½R Inspection—

Automobile Machinist, at $4.50 per day (224) days)	$1,008 00
Tinsmith, at $5.00 per day (110 days)	550 00
Laborer, at $2.50 per day (236 days)	590 00
Schedule total	$2,148 00
Special revenue bond allowance	2,148 00
Total allowance	$2,148 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Board of Education—Issue of Corporate Stock (Cal. No. 26).

The Secretary presented:

Communication from the Secretary, Board of Education, transmitting certified copy of resolution adopted by said Board July 9, 1913, requesting that the resolution adopted January 26, 1911, authorizing the issue of $16,500 corporate stock for defraying the cost of furniture equipment for new Public School 44, The Bronx, be amended, by reducing said amount to $15,500, to provide an appropriation for $1,000 for defraying the cost of new furniture, etc., for the Evander Childs High School Annex, located on Olinville avenue, near Magenta street, The Bronx.

Which was referred to the Corporate Stock Budget Committee, consisting of the Comptroller, the President of the Board of Aldermen and the President of the Borough of Manhattan.

Department of Docks and Ferries—Issues of Corporate Stock (Cal. No. 27).

(On July 10, 1913, communications in this matter were referred to the Corporate Stock Budget Committee.)

The Secretary presented the following:

Commissioners of the Sinking Fund of The City of New York, July 23, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment:*

Dear Sir—I transmit herewith certified copies of resolutions adopted by the Commissioners of the Sinking Fund, at meeting held this day, recommending to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock, for the uses and purposes of the Department of Docks, as follows:

1. An amount not exceeding $8,200, the proceeds to the amount of the par value thereof to be applied for the laying of a new granite pavement on a concrete foundation between Piers 17 and 19, East River.

2. An amount not exceeding $1,226,735, the proceeds to the amount of the par value thereof to be applied to the payment of the salaries and wages of the employees of the department engaged in work of construction and improvements or preparation of plans therefor.

3. An amount not exceeding $298,700, the proceeds to the amount of the par value thereof to be applied for the purchase of supplies incidental to new construction work.

4. An amount not exceeding $75,000, the proceeds to the amount of the par value thereof to be used for the purchase of rip rap to be used in construction work.

5. An amount not exceeding $164,000, the proceeds to the amount of the par value thereof to be used to meet the cost of dredging in connection with the construction of a 1,000-foot pier at the foot of West 46th street, Borough of Manhattan.

These resolutions were adopted upon recommendation of the Corporate Stock Budget Committee of the Board of Estimate and Apportionment.

Very truly yours, JOHN KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock of The City of New York to an amount not exceeding eight thousand two hundred dollars ($8,200), the proceeds to the amount of the par value thereof to be applied by the Department of Docks and Ferries for the laying of a new granite pavement on a concrete foundation between Piers 17 and 19, East River.

A true copy of resolution adopted by the Commissioners of the Sinking Fund, July 23, 1913. JOHN KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock of The City of New York to an amount not exceeding one million two hundred and twenty-six thousand seven hundred and thirty-five dollars ($1,226,735), the proceeds to the amount of the par value thereof to be applied by the Department of Docks and Ferries to the payment of the salaries and wages of the employees of the department engaged in work of construction and improvements or the preparation of plans therefor.

A true copy of resolution adopted by the Commissioners of the Sinking Fund, July 23, 1913. JOHN KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock of The City of New York to an amount not exceeding two hundred and ninety-eight thousand seven hundred dollars ($298,700), the proceeds to the amount of the par value thereof to be applied to the purchase of supplies incidental to new construction work by the Department of Docks and Ferries.

A true copy of resolution adopted by the Commissioners of the Sinking Fund, July 23, 1913. JOHN KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock of The City of New York to an amount not exceeding seventy-five thousand dollars ($75,000), the proceeds to the amount of the par value thereof to be used by the Department of Docks and Ferries for the purchase of rip-rap to be used in construction work.

A true copy of resolution adopted by the Commissioners of the Sinking Fund, July 23, 1913. JOHN KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock of The City of New York to an amount not exceeding one hundred and sixty-four thousand dollars ($164,000), the proceeds to the amount of the par value thereof to be used by the Department of Docks and Ferries to meet the cost of dredging in connection with the construction of a thousand-foot pier at the foot of West 46th street, North River, Borough of Manhattan.

A true copy of resolution adopted by the Commissioners of the Sinking Fund, July 23, 1913. JOHN KORB, JR., Secretary.

The City of New York, Department of Docks and Ferries, July 3, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment:*

Sir—A contract is now being prepared for laying a new granite pavement on a concrete foundation between Piers 17 and 19, East River, inshore of the piers occupied by the Fish Dealers' Associations. This new pavement is urgently required.

There being no paving funds available at the present time against which to charge this contract, a letter has to-day been sent by me to the Commissioners of the Sinking Fund, asking that a resolution be adopted recommending to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock in the sum of $8,200, the estimated cost of the contract, in order to provide funds for this work.

Yours very truly, R. A. C. SMITH, Commissioner of Docks.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 3, 1913, the Commissioner of Docks requested $8,200 corporate stock, the proceeds whereof to be used for laying a new granite pavement, on a concrete foundation, between Piers 17 and 19, East River, inshore of the piers occupied by the fish dealers' associations. In connection therewith we report as follows:

The request was approved by the Commissioners of the Sinking Fund on July 23, 1913. The street in question is now in a filthy condition, being full of holes in which the refuse washed from the fish dealers' piers, settles. The present pavement, being old, could not be put in first class condition by repair work, and the work would be unduly expensive.

Specifications have been prepared for a new pavement at an estimated cost of $8,200.

We recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted on July 23, 1913, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding eight thousand two hundred dollars ($8,200), the proceeds to the amount of the par value thereof to be applied by the Department of Docks and Ferries to the laying of a new granite pavement on a concrete foundation between Piers 17 and 19, East River.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The City of New York, Department of Docks and Ferries, July 7, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman Board of Estimate and Apportionment:*

Sir—This Department will require for Salaries and Wages and Supplies for construction work for the corporate stock year beginning July 1, 1913, as follows:

Salaries	$312,393 00
Wages	1,078,292 00
Total for Salaries and Wages	$1,390,685 00
For Materials and Supplies	$394,350 00
Total for Salaries and Wages and Supplies	$1,785,035 00

The amount actually paid out for Salaries and Wages during the year to July 1, 1913, amounted to $1,328,062. The increase of less than 5 per cent. asked for the current fiscal year is due to an increase in the work which it is proposed to do with the force of the Department in the way of pier extension, etc., during the coming year.

Our estimate of $394,350 for Materials and Supplies is made up as follows::

Bureau of Supplies.

Yellow pine piles	$14,000 00	
Oak piles	9,000 00	
Yellow pine lumber	96,950 00	
Miscellaneous lumber	8,500 00	
Spruce for catamarans	8,000 00	
Miscellaneous Supplies	75,000 00	
Rope	20,000 00	
Coal	48,000 00	
		$279,450 00

Bureau of Engineering.

Portland cement	$28,000 00	
Sand	3,500 00	
Broken stone, 2 inches	11,000 00	
Broken stone, ¾ inch	1,150 00	
Riprap	38,500 00	
Cobble	12,750 00	
Granite	20,000 00	
		$114,900 00
		$394,350 00

As on the 1st inst., the available balance for Salaries and Wages amounted to but $32,373.52, the Commissioners of the Sinking Fund have been this day requested to adopt a resolution as soon as possible, recommending to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock to provide funds to meet the requirements as above.

Yours respectfully, R. A. C. SMITH, Commissioner of Docks.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 7, 1913, the Commissioner of Docks requested $1,390,685 corporate stock, the proceeds whereof to be used for the payment of salaries and wages and $394,350 for the purchase of supplies and materials, a total of $1,785,035. In connection therewith we report as follows:

The request was approved by the Commissioners of the Sinking Fund on July 23, 1913, to the extent of $1,226,735 for salaries and wages, and $298,700 for supplies and materials. The amount requested is based on the amount of salaries and wages paid during the twelve months beginning July 1, 1912, and the consumption of supplies and materials in the past for construction work.

The schedules in the 1913 budget for the corporate stock force are $119,878.40 less than the corporate stock force in the 1912 budget. The amount of the 1913 allowance, $1,259,105.13, less the available balance on July 1, 1913, $32,373.52, or $1,226,731.61, will doubtless be sufficient for salaries and wages for the year ending June 30, 1914.

The estimate for supplies and materials is high. In estimating the amount required for supplies and materials necessary for proposed construction work, stock on hand and the amount available should be considered. The following amounts, added to stock on hand, will be sufficient for the year:

Yellow pine piles	$14,000 00
Oak piles	9,000 00
Yellow pine lumber	75,000 00
Miscellaneous lumber	8,500 00
Spruce for catamarans	8,000 00
Miscellaneous supplies	50,000 00
Rope	10,000 00
Coal	48,000 00
Portland cement	22,750 00
Sand	1,750 00
Broken stone, 2-inch	7,500 00
Rip-rap	21,000 00
Cobble	8,200 00
Granite	15,000 00
	$298,700 00

Under the plan laid down by the Engineer of the Dock Department it is proposed to construct new piers and bulkhead walls along the most congested water-front and to construct extensions to piers Nos. 19, 20, 21, 25, 26, 34, 35, 36, 37 and 39, on the North River. The increase in rentals from these piers will amount to 5½ per cent. on the cost of the extensions and 27½ cents per square foot for the land under water.

We recommend the adoption of the attached resolutions granting the request to the extent of $1,226,735 for salaries and wages and $298,700 for supplies and materials.

Respectfully, WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter and the recommendations of the Commissioners of the Sinking Fund by resolution adopted on July 23, 1913, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding one million two hundred and twenty-six thousand seven hundred and thirty-five dollars ($1,226,735), the proceeds to the amount of the par value thereof to be applied by the Department of Docks and Ferries to the payment of salaries and wages of the employees of the department engaged in work of construction and improvements, or in the preparation of plans therefor.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted on July 23, 1913, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding two hundred and ninety-eight thousand seven hundred dollars ($298,700), the proceeds to the amount of the par value thereof to be applied to the purchase of supplies and materials incidental to new construction work by the Department of Docks and Ferries.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The City of New York, Department of Docks and Ferries, July 2, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman Board of Estimate and Apportionment:*

Sir—A form of contract has been drawn for obtaining a supply of Rip-rap to be used in connection with the work of extending piers along the lower end of the North River out to the new pierhead line, in accordance with leases which have been approved and authorized by the Commissioners of the Sinking Fund. This contract, which is now being printed and prepared for advertising, is estimated at $110,000. There being no money available at present to meet the expenditure, a letter has today been sent by me to the Commissioners of the Sinking Fund requesting that a resolution be adopted recommending to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock in the sum of $110,000 for the purposes indicated. Yours very truly,

R. A. C. SMITH, Commissioner of Docks.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 2, 1913, the Commissioner of Docks requested $110,000 corporate stock, the proceeds whereof to be used for the purchase of rip-rap. In connection therewith we report as follows:

The request was approved by the Commissioners of the Sinking Fund on July 23, 1913, to the extent of $75,000. The pierhead line on the lower end of the North River has been extended and it is proposed to extend the piers to the new line, to relieve the congested condition in this section. New leases have been prepared which provide for an annual rental at the rate of 27½ cents per square foot for the area of land under water covered by the extensions and, in addition, a return of 5½ per cent, on the cost of construction of the extensions.

The depth of water and the condition of the bed of the river make the use of long piles necessary in the construction of these extensions. Rip-rap must be deposited at the base of the piles in order to make them firm. From the estimate of the Engineer of the Dock Department, as to the amount of rip-rap required for the piers to be extended, it appears that $75,000 will be ample for the needs at this time.

We, therefore, recommend the adoption of the attached resolution granting the request to the extent of $75,000. Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted on July 23, 1913, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding seventy-five thousand dollars ($75,000), the proceeds to the amount of the par value thereof to be used by the Department of Docks and Ferries for the purchase of rip-rap to be used in construction work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

City of New York, Department of Docks and Ferries, July 16, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman of the Board of Estimate and Apportionment:*

Sir—A contract has been prepared and is now being printed for dredging in connection with the proposed long pier construction at the foot of West 46th street, North River, Borough of Manhattan. The estimated quantity of material to be dredged is about 410,000 cubic yards, of which about 40,000 cubic yards are estimated to be crib, and about 110,000 cubic yards of mud; the remainder, which is hard material, old fill, foundations, etc., is estimated at about 260,000 cubic yards. This work is estimated at 40 cents per cubic yard, or a total of $164,000.

A request has to-day been sent to the Commissioners of the Sinking Fund requesting that a resolution be adopted recommending to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock in the sum of $164,000 for the purposes of this dredging contract. Yours very truly,

R. A. C. SMITH, Commissioner of Docks.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 16, 1913, the Commissioner of Docks requested $164,000 corporate stock, the proceeds whereof to be used for the payment of dredging work in connection with the proposed long pier construction at the foot of West 46th street, North River. In connection therewith we report as follows:

The request was approved by the Commissioners of the Sinking Fund on July 23, 1913. Plans and specifications have been prepared for the construction of a 1,000-foot pier at the foot of West 46th street. It will be necessary to dredge before the construction work can be started. The Engineer of the Department of Docks estimates the dredging necessary at 40,000 cubic yards of crib, 110,000 cubic yards of mud and 260,000 cubic yards of hard material, old fill, foundation, etc., or a total of 410,000 cubic yards. The estimated cost is 40 cents per cubic yard, or a total of $164,000.

We recommend the adoption of the attached resolution granting the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 180 of the Greater New York

Charter and the recommendation of the Commissioners of the Sinking Fund, by resolution adopted on July 23, 1913, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding one hundred and sixty-four thousand dollars ($164,000), the proceeds to the amount of the par value thereof to be used by the Department of Docks and Ferries to meet the cost of dredging in connection with the construction of thousand-foot pier at the foot of West 46th street, North River, Borough of Manhattan.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Parks, Borough of The Bronx—Extermination of Mosquito Breeding Swamp in Van Cortlandt Park (Cal. No. 28).

The Secretary presented:

Communication from J. Clarence Davies relative to the mosquito breeding swamp in the southerly portion of Van Cortlandt Park, between 240th and 242d streets, on the easterly side of Broadway, and urging action towards the abatement of this nuisance.

President, Borough of Brooklyn—Increasing Facilities at Municipal Bath House (Cal. No. 29).

The Secretary presented:

Communication from Alexander S. Drescher, relative to increasing the bathing facilities at the Municipal Bath House at Coney Island.

Which were referred to the Corporate Stock Budget Committee, consisting of the Comptroller, the President of the Board of Aldermen and the President of the Borough of Manhattan.

Department of Street Cleaning—Award of Contract for the Removal of Snow and Ice, Manhattan, The Bronx and Brooklyn (Cal. No. 30).

The Secretary presented:

Communication from the Commissioner of Street Cleaning requesting approval, pursuant to section 544 of the Charter, of the award, to the lowest bidders, of contracts for the removal of snow and ice in the Boroughs of Manhattan, The Bronx and Brooklyn for the winter season of 1913-1914, as follows:

Borough of Manhattan (entire) Belmont Trucking Company, at 56 cents per cubic yard.

Borough of The Bronx (entire), Harold B. Christensen, Jr., at 42 cents per cubic yard.

Borough of Brooklyn (entire), Robertson Construction Company, at 41.7 cents per cubic yard.

Which was referred to the Committee on Snow Removal, consisting of the President of the Board of Aldermen and the President of the Borough of Manhattan.

Department of Street Cleaning—Award of Contract, Under Form No. 2, for the Final Disposition of Garbage in the Boroughs of Manhattan, The Bronx and Brooklyn (Cal. No. 31).

The Secretary presented the following:

Office of Commissioner of Street Cleaning, New York City, July 18, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—On the 16th instant I opened bids for the contract for the final disposition of garbage in the Boroughs of Manhattan, The Bronx and Brooklyn, for a period of three years, commencing January 2, 1914, with the privilege of a renewal for two years. Two bids were received, as follows:

Form No. 1, City to Pay Contractor—New York Sanitary Utilization Company, for each year	$130,000 00
Form No. 2, Contractor to Pay City—John J. Hart, Peekskill, N. Y.—	
First year	$62,500 00
Second year	87,500 00
Third year	112,500 00
Fourth year	112,500 00
Fifth year	112,500 00

I have gone over the plans and specifications very carefully and find that they are very satisfactory. I have also inquired into Mr. J. J. Hart's financial responsibility and find that he is financially responsible. The result of this award, if approved by the Board of Estimate and Apportionment, will mean a saving to the City, if the contract extends over a period of five years, of $1,137,500. The Board of Estimate and Apportionment will meet on July 31, when the award on this contract will be submitted to them. In the meantime, may I ask that you have your Engineers examine the plans and specifications, so that all the time possible may be given to the contractor to construct his plant, as he has a tremendous task before him to get in shape by January 2, 1914. Of course the contract allows him an additional period, but if this matter were to be postponed another month the delay might have serious results.

May I have your earnest cooperation in this matter?

Respectfully, WM. H. EDWARDS, Commissioner.

Office of Commissioner of Street Cleaning, New York City, July 24, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Referring to the two forms of contract for the final disposition of garbage for this Department, in the Boroughs of Manhattan, The Bronx and Brooklyn, for the period beginning January 2, 1914, and continuing three years therefrom, with the right of The City of New York to renew the said contract for another period of two years on the same terms and conditions, excepting the provision for renewal, and known respectively as "No. 1," in which the compensation is to be paid by the City to the contractor, and "No. 2," in which the compensation is to be paid by the contractor to the City, and for which bids were opened in this office on the 16th day of July, 1913, after having been duly advertised in the CITY RECORD, I beg to inform you that only one bid was received for Contract No. 1, that of the New York Sanitary Utilization Company, No. 30 Burling Slip, Manhattan, which said bid was for Contract No. 1 alone, at the following prices respectively:

First year	$130,000 00
Second year	130,000 00
Third year	130,000 00
Fourth year	130,000 00
Fifth year	130,000 00

Also, that only one bid was received for Contract No. 2, that of John J. Hart, of Peekskill, New York, which said bid was as follows:

First year	$62,500 00
Second year	87,500 00
Third year	112,500 00
Fourth year	112,500 00
Fifth year	112,500 00

Pursuant to section 544 of the Charter, I have selected the bid of John J. Hart, the acceptance of which will, in my judgment, best secure the efficient performance of the work under said contract, and I hereby recommend to your Board that it approve the award on the said bid and contract to said John J. Hart. Mr. Hart has assured me of his financial responsibility.

Respectfully, WM. H. EDWARDS, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 18, 1913, the Commissioner of Street Cleaning requested that I have the plans and specifications submitted by John J. Hart with his bid for the final disposal of garbage, examined, in order that I may make my report to the Board of Estimate and Apportionment at the meeting to be held on July 31, 1913, when the award of the contract will be submitted to the Board for consideration.

On July 16, 1913, after due advertising of two forms of contract for the final disposition of garbage, in the Boroughs of Manhattan, The Bronx and Brooklyn, for a period of three years, commencing January 2, 1914, with the right, to the City, to renew the contract for another period of two years, the Commissioner received and opened the following bids:

Form No. 1, City to Pay Contractor—New York Sanitary Utilization Company, each year	$130,000 00
Form No. 2, Contractor to Pay City—John J. Hart, Peekskill, N. Y.—	
First year	$62,500 00
Second year	87,500 00
Third year	112,500 00
Fourth year	112,500 00
Fifth year	112,500 00

The plan accompanying Mr. Hart's bid locates the disposal or reduction plant on Ruffle Bar, Jamaica Bay, N. Y.

Ruffle Bar is one and one-half miles east of Barren Island and one mile north of Rockaway Park. Barren Island, the site of the present reduction plant, is adjacent to the main land (Borough of Brooklyn), and three-fourths of a mile north of the City's park on Rockaway Point.

In general the garbage works are the same as those now handling the garbage at Barren Island, with the additional methods of destroying noxious gases and odors and the evaporation of the settling basin liquor.

The garbage is taken from the scows by grab buckets operated by a revolving crane, thence dumped through "V" shaped hoppers on the green garbage conveyors; thence fed through revolving spouts to 104 digestors, in which the garbage is cooked by steam. When cooking is completed it is dropped through valves into covered steel hoppers, which feed into roller presses (1 press for 4 digestors). The presses reduce moisture from 80 per cent. (in cooked garbage), to 45 per cent. in pressed tankage. The liquid is discharged to the settling or gravity basins, where a portion of the grease is taken by skimming and pumping. After discharging into storage basins by means of evaporation, the "stick" is drawn from the liquid and added to the screened tankage before redrying. When the work is in excess of the required "stick" the excess is passed through filter beds for purification.

From all conveyors emitting foul odors and all other noxious odors emitted by the process, the gases and vapors are discharged through a series of sprayers and baffle walls, after cooling thence into a condenser. Non-condensible gas passes on to a gas tight furnace equipped with crude oil burners, where the odors are destroyed and the products of combustion pass into the stack.

The buildings are to be of steel frame construction and steel lath and cement for the walls and partitions; said buildings to contain the necessary power plant, with boilers, pumps, etc., and a smoke stack twelve feet in diameter by one hundred and eighty feet high.

The plans and specifications submitted by Mr. Hart with his bid, which is the lowest, appear to meet the requirements of form of contract (No. 2) advertised by the City, and if erected in accordance with said plans and specifications, will give a plant that can be operated to comply with the terms and conditions of the City contract.

If the Board at the meeting of July 31, 1913, decides to award the contract to John J. Hart, the lowest bidder, I recommend the adoption of the attached resolution approving the award. Respectfully, WM. A. PRENDERGAST, Comptroller.

July 30, 1913.

To the Honorable Board of Estimate and Apportionment, New York City:

Dear Sirs—On the Financial Calendar of July 31, 1913, No. 31 refers to a communication from the Commissioner of Street Cleaning, recommending that the Board approve of the award of contract under form No. 2 for final disposal of garbage for the Boroughs of Manhattan, The Bronx and Brooklyn, for the period of three years, beginning January 2, 1914, to John J. Hart.

The bid of John J. Hart calls for the payment to the City of $62,500 the first year, $87,500 the second year, $112,500 the third year, and in the event of the City exercising its option of extending this contract for an additional two years, payment of $112,500 for each of those years.

The next lowest bidder was the present contractor, the Sanitary Utilization Company, whose proposition was the payment of $130,000 to it on the part of the City for each of the five years. In other words, the saving to the City by the acceptance of the bid of John J. Hart is $1,137,500 in the course of the five years.

The plans and specifications submitted by the lowest bidder have been carefully gone over by this Committee, and indicate a thorough knowledge of the art and include devices which should serve to make the process inoffensive to the surrounding country.

It is proposed to establish the plant on Ruffle Bar, in Jamaica Bay; but the bidder is prepared to locate the plant on Barren Island if that should be found to be necessary.

The form of contract has been drawn up with more care this year than ever before, and defines the obligations of the contractor as well as those of the City more precisely, so that there is less opportunity for disagreement.

Your Committee recommends the acceptance of the bid of John J. Hart in accordance with the recommendation of the Commissioner of Street Cleaning. Yours very truly,

GEORGE McANENY, Chairman, President, Borough of Manhattan; A. L. KLINE, President, Board of Aldermen; GEORGE CROMWELL, President, Borough of Richmond, Committee.

Communications were presented from the Canarsie Board of Trade and from the Flatlands' Property Owners Association, protesting against the location of a garbage reduction plant at Ruffle Bar, in Jamaica Bay, and are on file.

Mr. Henry A. Meyer, Mr. David Welch, Mr. John Adikes and Mr. George Cooke appeared in opposition.

Hon. William H. Edwards, Commissioner of Street Cleaning, and Mr. Paul D. Cravath appeared in favor of the proposition.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 544 of the Greater New York Charter, hereby approves of the award, by the Commissioner of Street Cleaning, to John J. Hart of Peekskill, N. Y., of the contract for the final disposition of garbage in the Boroughs of Manhattan, The Bronx and Brooklyn, for a period of three years commencing January 2, 1914, with the right to the City to renew the contract for a further period of two years on three months' notice to that effect being given in writing by the Commissioner of Street Cleaning to the contractor, on the same terms and conditions, except the right and privilege of renewal. The said right or privilege of renewal to this contract to be of no force or effect unless approved by the Board of Estimate and Apportionment.

The compensation to be paid annually, in equal monthly payments by the said John J. Hart to the City for the privilege of the disposition of said garbage is to be as follows:

Contract Period.	
For the first year	$62,500 00
For the second year	87,500 00
For the third year	112,500 00
Renewal Period.	
For the first year	$112,500 00
For the second year	112,500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx and Richmond—15.

Negative—The President of the Borough of Queens—1.

Board of Estimate and Apportionment—Establishment of Grades of Positions in Standard Testing Laboratory (Cal. No. 32).

The Secretary presented:

Resolution of the Board of Aldermen approving of and concurring in the resolution of this Board adopted May 15, 1913, relative to the establishment of the following grades of positions in the Standard Testing Laboratory, in the Board of Estimate and Apportionment:

	Per Annum.	Incumbent.
Fuel Engineering Chemist	$2,400 00	1
Fuel Engineering Chemist	1,500 00	2
Engineering Chemist	2,400 00	1
Principal Coal Sampler	1,500 00	1

—as amended by said Board of Aldermen, by eliminating from the resolution adopted by this Board as above, the following positions:

	Per Annum.	Incumbent.
Fuel Engineering Chemist	$2,400 00	1
Engineering Chemist	2,400 00	1

Which was ordered filed.

Board of Aldermen; Board of Estimate and Apportionment—Committee of Four to Arrange Suitable Exhibit at the Panama-Pacific International Exposition (Cal. No. 33).

The Secretary presented:

Resolution of the Board of Aldermen concurring in the resolution adopted by this Board July 10, 1913, requesting the Mayor to appoint a Committee of four (consisting of 2 members of each Board), to act with the Mayor as Chairman, to inquire into and arrange the necessary details, financial and otherwise, for a suitable exhibit for The City of New York at the Panama-Pacific International Exposition, to be held at San Francisco in 1915.

Which was ordered filed and the Secretary directed to notify the Mayor.

Department of Water Supply, Gas and Electricity—Improvements for Protection of Waters of Croton Watershed and City Reservoir (Cal. No. 34).

The Secretary presented:

Communication to the Secretary of the Board from the Counsel to the Governor of the State of New York, acknowledging receipt of resolution adopted by the Board July 10, 1913, relative to the enactment of legislation to prevent the contamination of the waters of the Croton Watershed by waste from railroad trains, and advising that the Governor will give his careful consideration to the subject.

Which was ordered filed.

Board of Estimate and Apportionment—Committee on Standardization of Supplies (Cal. No. 35).

The Secretary presented:

Reports of the Chairman of the Commission on Standardization of Supplies (approved by the Select Committee of the Board on Standardization) submitting specifications to be used by the various City departments in the purchase of the following supplies:

A—Soap and soap powders (to supersede specifications heretofore approved).

B—Hospital supplies, including rubber goods, suture and dressing materials and plasters, enamel, china and granite ware, containers and miscellaneous articles.

C—Broken stone (graded and crusher run), broken stone screenings, common brick and vitrified paving blocks.

D—Window glass.

E—Laboratory apparatus and laboratory glassware.

F—Dry goods, notions, etc., including all kinds of cotton and woolen fabrics bed blankets, horse blankets and all kinds of horse coverings, curly hair and feathers.

G—Lubricating and illuminating oils, greases and all lubricants.

H—Iron, steel and other metals.

I—Paints, oils and varnishes.

J—Hard and soft wood, lumber, timber, piling and posts and the hand book detailing the kind and quality, grades of lumber best suited for specification purposes.

(On July 10, 1913, the above reports were laid over to this meeting.)

Which were laid over until August 28, 1913.

Department of Docks and Ferries—Amendment of Resolution Adopted May 22, 1913, Authorizing Acquisition of Property in Connection with South Brooklyn Freight Terminal (Cal. No. 36), *and Report of the Terminal Committee on the South Brooklyn Marginal Railroad* (Cal. No. 118).

The Secretary presented:

Report of the Comptroller, recommending that the resolution adopted May 22, 1913, which provided for the acquisition of property for a terminal station adjacent to the proposed State Barge Canal Terminal, be amended by rescinding that part of the resolution which provided that title should vest to each and every parcel the day after the filing the oaths of the Commissioners.

(On June 26 and July 3, 1913, the above report was laid over for one week and on July 10, 1913, was laid over until this meeting.)

Report of the Terminal Committee on the South Brooklyn Marginal Railroad.

After hearing Mr. Thomas H. Downing and Mr. Richard C. Harrison, Deputy Commissioner of Docks relative thereto, the matter was laid over until August 28, 1913, unless the Committee having the matter in charge requests his Honor the Mayor to call a meeting to consider the matter meanwhile.

The President of the Borough of Manhattan stated that the resignation of Hon. John Purroy Mitchel, as President of the Board of Aldermen, necessitated the rearrangement of the Committee on Terminal Improvements of the Board, and suggested that the references to said Committee be divided. He, therefore, moved that the Committee on the West Side Railroad and Terminal Improvements consist of the President, Borough of Manhattan, the Comptroller, the President, Borough of The Bronx, the Commissioner of Docks and the Chief Engineer of the Board, and that the Committee on the South Brooklyn Terminal Improvements consist of the Comptroller, the President, Board of Aldermen, the President, Borough of Brooklyn, the Commissioner of Docks and the Chief Engineer of the Board.

Which motion was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President, Board of Aldermen, the President, Borough of Manhattan, the President, Borough of Brooklyn, the President, Borough of The Bronx, the President, Borough of Queens, and the President, Borough of Richmond—16.

(See Public Improvement Minutes, Cal. No. 103.)

Department of Water Supply, Gas and Electricity—Improvements for the Protection of the Croton Watershed and City Reservoir (Cal. No. 37).

The Secretary presented:

Report of the Commissioner of Water Supply, Gas and Electricity relative to improvements in the watershed and in the City Reservoir affecting the quality of Croton water, especially with respect to improving conditions on railroads, methods of chlorination and the sanitary patrol.

(On June 19, 1913, a report of the Comptroller pointing out certain conditions existing in the watershed and in the City Reservoirs affecting Croton water was presented to the Board. Recommendation was made in said report that the Commissioner of Water Supply, Gas and Electricity be requested to advise the Board at the next meeting on the specific matters outlined in said report.)

(On June 26, 1913, said report was laid over for one week and copy thereof sent to each member of the Board, and on July 3, 1913, was laid over to this meeting.)

(On July 3, 1913, a communication from the State Department of Health on this subject was presented to the Board, and copies sent to each member thereof.)

Which was laid over.

Department of Correction—Purchase of Property in the Town of Goshen, Orange County, New York (Cal. No. 38).

The Secretary presented:

Report of the Comptroller recommending the acquisition, at privale sale, of property in the Town of Goshen, Orange County, New York, as a site for the New York City Reformatory of Misdemeanants at $30,000 for Farm No. 1, $15,000 for Farm No. 2 and $2,100 for Farm No. 3.

(On May 29, 1913, a communication from the Commissioner of Correction recommending the acquisition of the above property was referred to the Comptroller.)

(On July 3, 1913, the above report was laid over for one week.)

Which was laid over until August 28, 1913.

President, Borough of Queens—Issue of Special Revenue Bonds (Cal. No. 39).

The Secretary presented:

Report of the Comptroller recommending that the request of the Board of Aldermen contained in resolution adopted April 22, 1913, for the issue of $676.50 special revenue bonds to provide means for increasing the wages of Steam Roller Engineers in the office of the President of the Borough of Queens from $4.50 to $4.75 per diem from April 1, 1913, be disapproved, for the reason that this increase in compensation is to be provided for by the modification of a wage schedule for temporary employees.

(On May 8, 1913, the above resolution was referred to the Comptroller.)

(On June 5, 12, 19 and 26 the above report was laid for one week, and on July 10, 1913, was laid over to this meeting.)

Which was withdrawn by the Comptroller.

President, Borough of The Bronx—Modification of Schedule (Cal. No. 40).

(On July 10, 1913, this matter was laid over for this meeting.)

The Secretary presented the following:

City of New York, President of the Borough of The Bronx, 3d avenue and 177th street, office of the President, June 30, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Request is hereby respectfully made for a modification of the schedule lines supporting the appropriation made to this office for the year 1913, entitled and as follows:

PRESIDENT, BOROUGH OF THE BRONX.

Personal Service, Wages, Regular Employees, Care of Public Buildings and Offices, Repairing.

2841	Office Buildings—	
	Foreman, 1 at $4.50 per day, 365 days	$1,642 50
	Assistant Foreman, 1 at $3.50 per day, 365 days	1,277 50
	Carpenter, 2 at $4.50 per day, 313 days	2,817 00
	Housesmith, 1 at $5 per day, 313 days	1,565 00
	Laborer, 3 at $3 per day, 365 days	3,285 00
	*Laborer, 1 at $3 per day, 365 days	1,095 00
	Laborer, 1 at $3 per day, 313 days	939 00
	Laborer, 6 at $2.50 per day, 365 days	5 475 00
	Laborer, 5 at $2.50 per day, 313 days	3,912 50
	Laborer, 2 at $2.25 per day, 365 days	1,642 50
	Balance unassigned, A. S. I	130 00
		$23,781 50

The changes from the present schedule consist of the following:

The line, "Laborer at $3.50 per day, 313 days," is changed to read, "Laborer at $3 per day, 365 days," making the total of said line $1,095, instead of $1,095.50. This change was made to fill the vacancy created by the death of the former incumbent. H. Seymour Caldwell, who had been receiving $2.50 per day for 365 days, was appointed to take the place of the person deceased.

The position made vacant by the promotion of Caldwell is to be filled by the transfer of a Laborer at $2.50 per day for 313 days from the Bureau of Highways.

Respectfully, CYRUS C. MILLER, President, Borough of The Bronx.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 9, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 30, 1913, the President of the Borough of The Bronx requested modification of the 1913 schedule in his office, entitled "Wages—Regular Employees, Care of Public Buildings and Offices, Repairing, No. 2841—Office Buildings." In connection therewith I report as follows:

The line "Laborer, 1 at $3.50 per day (313 days) $1,095.50" is changed to "Laborer, 1 at $2.50 per day (313 days) (A. W. I. $52) $782.50," and of the $313 made available for wage increase $182.50 is used to increase H. Seymour Caldwell, Laborer at $2.50 per day to $3 per day (365 days), and the remainder $130.50 carried as "Balance Unassigned (A. W. I.)."

The line item changes in detail are as follows:

Schedule Line.	Schedule Transfer.		Cash Transfer.	
	Increase.	Decrease.	Increase.	Decrease.
Laborer, 1 at $3.50 per day (313 days)	.....	$1,095 50	.....	$547 75
*Laborer at $3 per day (365 days) (A. W. I. $486.66)	$1,095 00	.....	$547 50	.....
Laborer, 7 at $2.50 per day (365 days)	.....	912 50	.....	456 25
*Laborer at $2.50 per day (313 days) (A. W. I. $52)	782 50	.....	391 25	.....
*Balance Unassigned (A. W. I.)	130 50	.....	65 25	.....
	$2,008 00	$2,008 00	$1,004 00	$1,004 00

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the President of the Borough of The Bronx for the year 1913, to be effective July 1, 1913, as follows:

PRESIDENT, BOROUGH OF THE BRONX.

Personal Service, Wages, Regular Employees, Care of Public Buildings and Offices, Repairing.

2841	Office Buildings—	
	Foreman, 1 at $4.50 per day (365 days)	$1,642 50
	Assistant Foreman, 1 at $3.50 per day (365 days)	1,277 50
	Carpenter, 2 at $4.50 per day (313 days)	2,817 00
	Housesmith, 1 at $5 per day (313 days)	1,565 00
	Laborer, 3 at $3 per day (365 days)	3,285 00
	*Laborer, 1 at $3 per day (365 days) (A. W. I., $486.66)	1,095 00
	Laborer, 1 at $3 per day (313 days)	939 00
	Laborer, 5 at $2.50 per day (365 days)	5,475 00
	Laborers, 4 at $2.50 per day (313 days)	3,130 00
	*Laborer, 1 at $2.50 per day (313 days) (A. W. I., $52)	782 50
	Laborer, 2 at $2.25 per day (365 days)	1,642 50
	*Balance unassigned (A. W. I.)	130 50
		$23,781.50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Queens—Modification of Schedule (Cal. No. 41).

The Secretary presented:

Report of the Comptroller recommending that the request of the President of the Borough of Queens for the modification of Salary Schedule No. 3,110 TS for the year 1913, be disapproved for the reason that it is proposed to provide for an additional Stenographer and Typewriter which appears to be unnecessary.

(On July 10, 1913, the said report was laid over until this meeting.)

Which was referred back to the Comptroller.

Public Service Commission for the First District—Issue of Corporate Stock (Cal. No. 42).

(On June 12, 1913, the communication from the Public Service Commission herein was referred to the Corporate Stock Budget Committee.)

(On July 10, 1913, this matter was laid over until this meeting.)

The Secretary presented the following:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York.

To the Board of Estimate and Apportionment of The City of New York:

Your Honorable Board on March 18, 1913, pursuant to a requisition made by the Public Service Commission for the First District, appropriated the sum of $60,000,000, which, with the sum of $40,501,991 theretofore registered on account of the railroads to be constructed under the contract known as Contract No. 4 between The City of New York, acting by the Public Service Commission for the First District, and New York Municipal Railway Corporation for additional rapid transit railroads, will be sufficient to meet the entire estimated expense to the City to be defrayed by the issue of corporate stock of executing said Contract No. 4. On May 1, 1913, your Honorable Board, pursuant to a subrequisition made by the Public Service Commission for the First District, appropriated the sum of $1,000,000, on account of and not in addition to the former appropriation, for the purpose of acquiring real estate or interests therein necessary for the construction and operation of the railroads to be constructed under said Contract No. 4. The Public Service Commission for the First District deems it advisable at this time to make subrequisition for the additional sum of $500,000 for the acquisition of real estate or interests therein necessary for the construction and operation of the railroads to be constructed under said Contract No. 4, in order that the Commission may not be without funds to acquire such real

estate during the next few months. Accordingly a subrequisition for that amount is herewith transmitted.

Dated, New York, June 11, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By EDWARD E. McCALL, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York.

To the Board of Estimate and Apportionment of The City of New York:

In pursuance of section 37 of chapter 4 of the Laws of 1891 as amended, known as the Rapid Transit Act, and in pursuance of a requisition made by the Public Service Commission for the First District under date of March 18, 1913, upon the Board of Estimate and Apportionment of The City of New York for the authorization of corporate stock of The City of New York to the amount of sixty million dollars ($60,000,000), which, with the sum of forty million five hundred and one thousand nine hundred and ninety-one dollars ($40,501,991) heretofore registered on account of the railroads to be constructed under the contract known as Contract No. 4 between The City of New York, acting by the Public Service Commission for the First District, and New York Municipal Railway Corporation for additional rapid transit railroads, will be sufficient to meet the entire estimated expense to the City to be defrayed by the issue of corporate stock, of executing said Contract No. 4, and in pursuance of a resolution adopted by the said Board of Estimate and Apportionment on March 18, 1913, authorizing and directing the issue of such corporate stock to the amount of sixty million dollars ($60,000,000), the proceeds thereof to be applied to the purposes specified in said requisition, the Public Service Commission for the First District does hereby make subrequisition upon the Board of Estimate and Apportionment of The City of New York for the authorization of a further amount of corporate stock of The City of New York, to wit: The sum of five hundred thousand dollars ($500,000), for the purposes hereinafter specified, in addition to the corporate stock already authorized to be issued for such purposes, on account of and not in addition to said appropriation made by said Board of Estimate and Apportionment by said resolution of March 18, 1913, pursuant to said requisition made by the Public Service Commission for the First District under date of March 18, 1913, such further amount of corporate stock in the sum of $500,000 to be issued and sold by the Comptroller at such a rate of interest as the Commissioners of the Sinking Fund of said City may prescribe, the proceeds thereof to be applied for the purposes of acquiring real estate and any rights, terms and interests therein, any and all rights, privileges, franchises and easements, whether of owners, abutters or others, to interfere with the construction or operation of the railroads to be constructed under said Contract No. 4, or to recover damages therefor which, in the opinion of the Commission, it shall be necessary to acquire or extinguish for the purpose of constructing and operating such roads free of interference and right of interference.

This requisition is a subrequisition on account of and not in addition to said requisition of the Public Service Commission for the First District of March 18, 1913, for sixty million dollars ($60,000,000) and the appropriation made thereunder by said Board of Estimate and Apportionment by resolution adopted on March 18, 1913.

In witness whereof, the Public Service Commission for the First District has caused this requistion to be subscribed by its Chairman and its seal to be hereto affixed and attested by its Secretary this 11th day of June, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By EDWARD E. McCALL, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

Resolved, That in pursuance of section 37 of chapter 4 of the Laws of 1891 as amended, known as the Rapid Transit Act, and in pursuance of a requisition made by this Commission under date of March 18, 1913, upon the Board of Estimate and Apportionment of The City of New York for the authorization of corporate stock of The City of New York to the amount of sixty million dollars ($60,000,000), which, with the sum of forty million five hundred and one thousand nine hundred and ninety-one dollars ($40,501,991) theretofore registered on account of the railroads to be constructed under the contract known as Contract No. 4, between The City of New York, acting by this Commission, and New York Municipal Railway Corporation for additional rapid transit railroads, will be sufficient to meet the entire estimated expense to the City, to be defrayed by the issue of corporate stock, of executing said Contract No. 4, and in pursuance of a resolution adopted by said Board of Estimate and Apportionment on March 18, 1913, authorizing and directing the issue of such corporate stock to the amount of sixty million dollars ($60,000,000), the proceeds thereof to be applied to the purposes specified in said requisition, this Commission make subrequisition upon said Board of Estimate and Apportionment for the authorization of a further amount of corporate stock of The City of New York, to wit, the sum of five hundred thousand dollars ($500,000), for the purposes hereinafter specified, in addition to the corporate stock already authorized to be issued for such purposes, on account of and not in addition to said appropriation made by said Board of Estimate and Apportionment by said resolution of March 18, 1913, pursuant to said requisition made by this Commission under date of March 18, 1913, such further amount of corporate stock in the sum of five hundred thousand dollars ($500,000) to be issued and sold by the Comptroller at such a rate of interest as the Commissioners of the Sinking Fund of said City may prescribe, the proceeds thereof to be applied for the purpose of acquiring real estate and any rights, terms and interests therein, any and all rights, privileges, franchises and easements, whether of owners, abutters or others, to interfere with the construction or operation of the railroads to be constructed under said Contract No. 4 or to recover damages therefor which, in the opinion of this Commission, it shall be necessary to acquire or extinguish for the purpose of constructing and operating such roads free of interference and right of interference.

Resolved, That the Chairman and the Secretary be and hereby are authorized and directed to send a communication and subrequisition to said Board of Estimate and Apportionment, both in the form now submitted to this Commission.

State of New York, County of New York, ss.:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify, that I have compared the above with the original adopted by said Commission on June 11, 1913, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission, this 11th day of June, 1913.

TRAVIS H. WHITNEY, Secretary.

Department of Finance, The City of New York, Bureau of Municipal Investigation and Statistics, July 5, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 11, 1913, the Public Service Commission for the First District made a subrequisition, duly signed and attested, for the sum of $500,000 for the acquisition of real estate or interests therein necessary for the construction and operation of the railroads to be constructed under contract No. 4. In connection therewith we report as follows:

The Commission proposes to enter into contracts for the acquisition of certain easements along the line of the railroads to be constructed under contract No. 4 and desires to have the requested amount authorized to have funds available for use during the summer months. The subrequisition is against an authorization of $60,000,000 already made by the Board of Estimate and Apportionment on March 18, 1913, on account of the railroads to be constructed under the contract known as contract No. 4 between The City of New York and the New York Municipal Railway Corporation for additional rapid transit roads. The authorization of $60,000,000 was made with the understanding that subrequisitions would be made at various times to cover the City's share of any contracts or obligations necessary to execute the main contract. The $500,000 requested is not in addition to the $60,000,000 already authorized, but is part of it.

We recommend the adoption of the attached resolution authorizing the Comptroller to issue $500,000 as requested in the requisition of the Public Service Commission.

Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following was offered:

(*Sub-authorization M-3 Under Contract No. 4.*)

Whereas, The Board of Estimate and Apportionment of The City of New York on March 18, 1913, by resolution adopted on that date, pursuant to the provisions of section 37 of chapter 4 of the Laws of 1891, as amended, known as the Rapid Transit Act, and section 45 of the Greater New York Charter, and a requisition of the Public Service Commission for the First District, duly made under the seal of the said Commission by the Charman and Secretary thereof on March 18, 1913, authorized and directed the Comptroller to issue corporate stock of The City of New York to the amount of sixty million dollars ($60,000,000) at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds thereof to be applied to the purposes specified in said requisition as explained by a communication of said Commission transmitting the same in respect of the contract known as contract No. 4 between The City of New York acting by the Public Service Commission for the First District, and the New York Municipal Railway Corporation, and

Whereas, The Public Service Commission for the First District has duly made a subrequisition under the seal of the said Commission by the Chairman and Secretary thereof, under date of June 11, 1913, on account of said requisition of the said Commission of March 18, 1913, for sixty million dollars ($60,000,000) and the appropriation made thereunder by this Board by said resolution of March 18, 1913, for the authorization of corporate stock of The City of New York from said sixty million dollars ($60,000,000) authorized as aforesaid to the amount of five hundred thousand dollars ($500,000) for the purpose of acquiring real estate and any rights, terms and interest therein, any and all rights, privileges, franchises and easements, whether of owners or abutters or others, to interfere with the construction or operation of the railroads to to be constructed under said contract No. 4, or to recover damages therefor, which, in the opinion of the said Commission, it shall be necessary to acquire or extinguish for the purposes of constructing and operating such railways free of interference or right of interference.

Resolved, That, pursuant to the provisions of section 37 of chapter 4 of the Laws of 1891, as amended, known as the Rapid Transit Act, and section 45 of the Greater New York Charter, and the said subrequisition of the Public Service Commission for the First District, dated June 11, 1913, the Comptroller be and hereby is authorized and directed to issue corporate stock of The City of New York to the amount of five hundred thousand dollars ($500,000) on account of and not in addition to the appropriation made by this Board by resolution of March 18, 1913, in the sum of sixty million dollars ($60,000,000), pursuant to said requisition of the Public Service Commission for the First District, under date of March 18, 1913; said corporate stock in the amount of five hundred thousand dollars ($500,000) to be issued at such rate of interest as the Commissioners of the Sinking Fund Commission shall prescribe, the proceeds thereof to be applied to the purposes specified in said subrequisition of June 11, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Public Service Commission for the First District—Issue of Corporate Stock (Cal. No. 43).

The Secretary presented:

Report of the Corporate Stock Budget Committee, recommending the issue of $500,000 corporate stock for the acquisition of real estate and interests therein necessary for the construction and operation of the railroads to be constructed under Contract No. 3, with the Interborough Rapid Transit Company, in accordance with subrequisition of the Public Service Commission, dated June 11, 1913.

(On July 10, the above report was laid over until this meeting.)

Which was laid over until August 28, 1913.

Department of Water Supply, Gas and Electricity—Contract with Citizens' Water Supply Company (Cal. No. 44).

The Secretary presented:

Report of the Select Committee, consisting of the Comptroller and Acting Chief Engineer, in the matter of the contract with the Citizens Water Supply Company for the purchase of water for use in the Borough of Queens.

This matter was presented to the Board by the Deputy and Acting Commissioner of Water Supply at the meeting held on June 12, 1913, and was at that time referred to the Committee. The Committee states that no information is given which would indicate that the proposed contract was favored by the Commissioner.

It is recommended that the matter be referred back to the Commissioner of Water Supply, Gas and Electricity in order that he may express his opinion as to the advisability of entering into this contract.

(On July 10, 1913, the above matter was laid over to this meeting and a communication from the Commissioner of Water Supply, Gas and Electricity withdrawing communication referred to Committee on June 12, 1913, and submitting new communication was presented to the Board at said meeting.)

Which was laid over.

Department of Finance—List of Taxes and Water Rents Standing Open Against the Property of The City of New York and Other Property Exempted by Law from Taxation (Cal. No. 45).

The Secretary presented:

Report from the Comptroller, relative to the list of taxes and water rents standing open against property of The City of New York and other property which is exempted by law from taxation for general purposes, prepared by the Department of Finance with a view to having such charges eliminated from the records and requesting that the Board prescribe a method for the cancellation of taxes against property of the City specifically set forth in said list, also the method by which the deficiency which will arise from the cancellation of the taxes levied subsequent to January 1, 1859, shall be funded.

(On July 10, 1913, the above communication was laid over to this meeting.)

Communication from Comptroller withdrawing above report.

Which were ordered filed, and the Secretary directed to return the report to the Comptroller.

Department of Finance—List of Taxes and Water Rents Standing Open Against the Property of The City of New York and Other Property Exempted by Law from Taxation (Cal. No. 46).

The Secretary presented the following, which was ordered printed in the Minutes and filed:

The City of New York, Department of Finance, Comptroller's Office, July 7, 1913.

To the Honorable Board of Estimate and Apportionment, The City of New York:

Gentlemen—A list of taxes and water rents standing open against property of The City of New York and other property which is exempted by law from taxation for general purposes, has been prepared by the Division of Expert Accounting of this Department, with a view to having such charges eliminated from the records.

The total amount of taxes levied against city property up to and including the levy for the year 1912 and now open is $1,915,687.53 and water rents $88,325.81; while that against other exempt property is $294,285.39 for taxes and $39,229.12 for water rents. It will be noticed that the amount of open charges against city owned property is much larger than that against other classes of exempt property, which is probably owing to the fact that institutions and individuals whose property is exempt generally make application for the cancellation of charges against their respective properties whenever attention is called to there having been any levied. It does not appear that any attempt has heretofore been made to clear up charges against city property, and they have been allowed to accumulate in many cases for a number of years, there being taxes of the year 1841 now open against a certain parcel of city owned property. There seems to be no reason why taxes should be levied against city owned property, and when such levy is made it is undoubtedly owing to neglect on the part of the department interested in the acquisition of the property to notify the Department of Taxes and Assessments that the City has become the owner thereof.

It is desired to call attention at this time to the following extract from a report of the Chief Accountant and Bookkeeper to the Comptroller, which was embodied in the latter's report to the Board of Estimate and Apportionment, and considered at a meeting held September 21, 1906, and an issue of corporate stock to the amount of $36,000,000 was thereafter authorized for the purpose of providing for the deficiency in the product of taxes levied prior to January 1, 1905, pursuant to the provisions of chapter 208 of the Laws of 1906:

"Your attention is further directed to the taxes levied on property owned by the City and now appearing as a lien thereon. These taxes might be included in this statement, but in the absence of any complete statement showing the exact amount of taxes now a lien on city property, I anticipated including an approximate amount, and to that end this department appealed to the Corporation Counsel for his advice as to the advisability of so doing.

"Under date of July 24, 1906, the Corporation Counsel replied to questions submitted by this department, viz.:

"First—Does the law contemplate that arrears of taxes on property owned by the City shall be included as uncollectible."

"Second, If so, may an approximate sum be arbitrarily used in the absence of a correct statement of such arrears?"

—in the following manner:

"It may be impossible to determine precisely the amount of uncollectible taxes in arrears on January 1, 1905, but the difficulty will be greater in the case of other arrears than in the case of arrears on city property. The statute leaves the determination to the judgment of the Board of Estimate and Apportionment, and the judgment of the Board must be founded on the best attainable evidence. No sum should be arbitrarily used. The amount deemed uncollectible may in any event be only approximate, but it should be as precise as the nature of the word will permit."

"From the foregoing opinion it appears that it would be inadvisable to include an arbitrary amount to provide for taxes levied on city property and now appearing as a lien thereon."

Inasmuch as the amount of taxes, levied prior to the year 1913, open against property owned by the City has now been determined, there appears to be no good purpose served in having these charges encumber the accounts of the Bureau for the Collection of Assessments and Arrears, and it is very desirable that they be cancelled. Undoubtedly the Comptroller has the authority, upon the advice of the Corporation Counsel, to do this, but it is not considered advisable to cancel the large amount now open without the direction of this Board, inasmuch as provision must be made for meeting the deficiency that will be created by such action.

This list of open items of taxes is submitted for the information of the Board and it is requested that it be included in the minutes and printed so as to be available for reference and disposition at any future time. The compilation of these items necessitated the employment of a force of temporary searchers for a number of months, and in order to secure the best results from such work some permanent record readily accessible for reference at any time should be preserved.

An examination and accounting of the taxes levied prior to January 1, 1905, has been entered upon, with the object of ascertaining the exact deficiency as at that date. When such examination is completed it may be found that some portion of the thirty-six million dollars of corporate stock authorized for funding deficiencies of taxes, under the provisions of chapter 208 of the Laws of 1906, will be available for meeting the deficiency which will arise from the cancellation of taxes now open against property owned by The City of New York and referred to in this report.

The aggregate amount of such taxes is shown by the following statement, and the several parcels of property affected are set forth in detail in the appended list:

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE.

Summary of Taxes Now Open Against Property of The City of New York.

Borough.	1899 and Subsequent Years.	1898 and Prior Years.	Totals.
Manhattan	$1,004,481 01	$415,287 54	$1,419,768 55
The Bronx	54,851 02	26,828 34	81,679 36
Brooklyn	311,153 93	47,534 89	358,688 82
Queens	26,750 85	14,149 99	40,900 84
Richmond	14,323 44	326 52	14,649 96
Totals	$1,411,560 25	$504,127 28	$1,915,687 53

Respectfully,
WM. A. PRENDERGAST, Comptroller.

Taxes Levied Against Property of The City of New York.
Borough of Manhattan.

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
		Section 1.			
2	1	Staten Island Ferry	1853	.....	$123 42
2	1		1857	.....	155 64
2	1		1878	.....	127 50
2	1		1879	.....	129 00
2	1		1880	.....	126 50
2	1		1881	.....	131 00
2	1		1882	.....	112 50
2	1		1883	.....	229 00
2	1		1884	.....	225 00
2	1		1885	.....	240 00
2	1		1886	.....	114 50
2	1		1886	.....	229 00
2	7	Hamilton and South Ferries	1878	.....	191 25
2	7		1879	.....	193 50
2	7		1880	.....	189 75
2	7		1881	.....	196 50
2	7		1882	.....	168 75
2	7		1883	.....	274 80
2	7		1884	.....	270 00
2	7		1885	.....	288 00
2	7		1886	.....	274 80
2	10 of 11	Bulkhead, 39th Street Ferry	1906	$310 56	.....
2	10 & 11		1906	3,179 63	.....
2	12 of 11		1906	857 76	.....
2	13 of 11		1906	887 34	.....
2	14 of 11		1906	443 67	.....
10	19	Fire Department, Fuel Depot No. 1	1904	378 35	.....
16	2	Bulkhead between piers A and 1, Hudson River	1885	.....	240 00
16	3	Pier 1, Hudson River	1896	.....	749 00
16	4	Bulkhead between pier A and Battery place	1886	.....	229 00
16	33	Pier 10, Hudson River	1880	.....	126 50
16	33	Pier 10, Hudson River	1881	.....	131 00
16	33	Pier 10, Hudson River	1882	.....	112 50
16	36	City Bulkhead between piers 10 and 11, Hudson River	1880	.....	126 50
16	36		1881	.....	131 00
16	36		1882	.....	112 50
16	36		1883	.....	114 50
16	36		1884	.....	112 50
16	36		1885	.....	120 00
16	36		1886	.....	114 50
16	37	Pier south of Cedar st., Hudson River	1880	.....	126 50
16	37	Pier south of Cedar st., Hudson River.	1881	.....	131 00
16	37		1882	.....	112 50
16	37		1883	.....	114 50
16	37		1884	.....	112 50
16	37		1885	.....	312 00
16	37		1886	.....	297 70
29	8	Public School 29, Annex	1881	.....	248 90
36	2	Bulkhead, East River	1905	223 57	.....
36	2		1905	223 57	.....
36	2, former 3		1906	221 83	.....
36	3		1906	221 83	.....
36	2		1907	519 74	.....
36	4	New pier 8, East River	1905	1,117 88	.....
36	6	Bulkhead between piers 8 and 9, East River	1905	223 57	.....
36	6, former 5		1905	223 57	.....
36	6, former 7	Bulkhead between piers 8 and 9, East River	1905	1,490 51	.....
36	6, former 8		1905	149 05	.....
36	6, former 9		1905	74 52	.....
36	6, former 10	Bulkhead between piers 8 and 9, East River	1905	335 36	.....
36	6		1906	1,478 90	.....
36	6		1907	697 94	.....
36	12, former 11	Bulkhead between piers 9 and 10, East River	1905	1,266 93	.....
36	15	Bulkhead between piers 10 and 11, East River	1904	302 68	.....
36	15		1905	298 10	.....
36	15, former 15½		1905	298 10	.....
36	15, former 16		1905	894 30	.....
36	15, former 17		1905	298 10	.....
36	18	Pier 11, East River	1905	283 19	.....
36	20, former 19	Bulkhead piers 11 and 12, East River	1905	1,043 35	.....
36	20		1905	268 29	.....
36	24	Wall Street Ferry	1878	.....	255 00
36	24		1879	.....	258 00
36	24		1880	.....	253 00
36	24		1881	.....	262 00
36	24		1882	.....	225 00
36	24		1883	.....	274 80
36	24		1884	.....	270 00
36	24		1885	.....	288 00
36	24		1886	.....	274 80
36	24, former 25		1905	.....	1,490 51
36	26	Bulkhead between piers 13 and 14, East River	1905	1,147 69	.....
36	26, former 27		1905	1,341 45	.....
36	30, former 29	Pier 14, East River	1904	681 03	.....
36	30, former 28		1905	596 20	.....
36	30, former 29		1905	670 72	.....
55	23	Public School 29	1890	.....	354 60
55	23		1890	.....	118 20
55	23		1890	.....	394 00
55	23		1890	.....	394 00
55	23		1891	.....	389 50
55	23		1891	.....	123 50
55	23		1891	.....	399 00
55	23		1891	.....	418 00
55	23		1892	.....	379 25
55	23		1892	.....	120 25
55	23		1892	.....	388 50
55	23		1892	.....	407 00
55	23		1893	.....	373 10
55	23		1893	.....	118 30
55	23	Public School 29	1893	.....	382 20
55	23		1893	.....	400 40
57	9	Bulkhead south of Fulton st., pier 14	1896	.....	42 80
57	11	Bulkhead north of Fulton st	1891	.....	570 00
57	12	Pier 15, North River	1891	.....	465 50
57	12		1896	.....	2,354 00
57	12, former 13		1891	.....	190 00
60	5	Fire Department, Engine 6	1905	1,222 21	.....
73	2, former 3	Pier 15, East River	1905	476 96	.....
73	2, former 4		1905	596 20	.....
73	2, former 5		1905	566 39	.....
73	11	Bulkhead south pier 18, East River	1896	.....	749 00
73	14, former 13	Bulkhead between piers 18 and 19, East River	1904	575 09	.....
73	14		1905	335 36	.....
73	14, former 13		1905	556 39	.....
73	14, former 15		1905	335 36	.....
73	14, former 16		1905	52 16	.....
73	18, former 16	Bulkhead between Piers 19 and 20, East River	1904	52 96	.....
73	20, former 21	Pier 20, East River	1903	282 73	.....
73	20, former 21		1904	257 28	.....
73	30	Ferry slip, Roosevelt St	1878	.....	127 50
73	30		1879	.....	129 00
73	30		1880	.....	126 50
73	30		1881	.....	131 00
73	30		1882	.....	112 50
73	30		1883	.....	114 50
73	30		1884	.....	112 50
73	30		1885	.....	480 00
73	30		1886	.....	458 00
73	32	South half of James Slip (Ferry)	1878	.....	127 50
73	32		1879	.....	129 00
73	32		1880	.....	126 50
73	32		1881	.....	131 00
73	32		1882	.....	112 50
73	32		1883	.....	114 50
73	32		1884	.....	112 50
73	32		1885	.....	240 00
73	32		1886	.....	229 00
108	22	New York & Brooklyn Bridge	1876	.....	504 00
108	22		1888	.....	66 60
112	32	Public School 112	1902	220 52	.....
112	32		1902	125 03	.....
112	32		1902	102 30	.....
112	32		1902	57	.....
113	10	Public School 180	1862	.....	156 09
113	51	N. Y. & Brooklyn Bridge, approach	1877	.....	50
114	1		1890	.....	157 60
119	11	Warehouse, Public Administrator	1878	.....	140 25
119	11		1879	.....	141 90
119	11		1880	.....	139 15
119	11		1881	.....	144 10
119	11		1882	.....	123 75
119	11		1883	.....	125 95
120	9	N. Y. & Brooklyn Bridge, approach	1879	.....	206 40
121	1, old 8	Leased for business	1894	.....	304 30
121	1, old 8		1894	.....	268 50
121	1, old 8		1894	.....	313 25
121	1, old 8		1895	.....	324 70
121	1, old 8		1895	.....	286 50
121	1, old 8		1895	.....	334 25
121	1, old 8		1896	.....	363 80
121	1, old 8	Business, City property	1896	.....	321 00
121	1, old 8		1896	.....	374 50
121	1, old 8		1897	.....	367 50
121	1, old 8		1897	.....	315 00
121	1, old 8		1897	.....	357 00
121	1	Municipal Building	1898	.....	351 75
121	1		1898	.....	301 50
121	1		1898	.....	341 70
121	1		1899	434 07	.....
121	1		1899	372 06	.....
121	1		1899	421 66	.....
121	1		1900	393 34	.....
121	1		1900	337 15	.....
121	1		1900	382 11	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
121	1	Municipal Building	1901	405 53	.....
121	1		1901	347 59	.....
121	1		1901	393 94	.....
121	1		1909	16,780 40	.....
121	1		1909	1,845 84	.....
121	1		1909	2,684 86	.....
121	1		1909	3,773 59	.....
121	1		1909	1,006 82	.....
121	1		1909	2,181 45	.....
121	1		1909	1,845 84	.....
121	1		1909	1,845 84	.....
121	1		1909	1,845 84	.....
121	1		1909	1,761 94	.....
121	1		1907	14,849 90	.....
121	1		1908	16,140 70	.....
121	1		1907	1,559 23	.....
121	1		1908	1,694 77	.....
121	1		1907	960 98	.....
121	1		1908	1,775 47	.....
121	1		1907	2,301 73	.....
121	1		1908	2,501 80	.....
121	1		1907	3,341 22	.....
121	1		1908	3,470 25	.....
121	1		1907	905 84	.....
121	1		1908	968 44	.....
121	1		1907	2,004 73	.....
121	1		1908	2,017 58	.....
121	1		1906	1,641 57	.....
121	1		1907	1,707 73	.....
121	1		1908	1,775 47	.....
121	1		1907	1,781 98	.....
121	1		1908	1,775 47	.....
121	1		1907	1,826 53	.....
121	1		1908	1,775 47	.....
121	1		1908	1,694 77	.....
121	23, now 27	Brooklyn Bridge	1907	593 99	.....
121	23, now 27		1908	984 58	.....
121	23, now 27		1909	1,023 60	.....
121	23, now 27		1910	1,072 31	.....
121	23, now 27		1911	1,309 08	.....
121	23, now 27		1907	913 26	.....
121	23, now 27		1908	1,000 72	.....
121	23, now 27		1909	1,040 38	.....
121	23, now 27		1910	1,089 89	.....
121	23, now 27		1911	1,274 63	.....
121	27	N. Y. & Brooklyn Bridge approaches	1880	.....	1,518 00
121	27		1880	.....	227 70
121	27		1890	.....	1,260 80
121	27		1890	.....	98 50
121	27		1890	.....	43 34
121	27		1891	.....	1,216 00
121	27		1891	.....	1,330 00
121	27		1891	.....	114 00
121	27		1891	.....	57 00
121	27		1892	.....	1,184 00
121	27		1892	.....	1,295 00
121	27		1892	.....	111 00
121	27		1892	.....	55 50
121	36		1880	.....	455 40
130	5	Bulkhead between Murray and Warren sts.	1865	.....	23 92
130	5		1865	.....	23 92
130	5		1865	.....	23 92
130	5		1865	.....	23 92
130	5		1894	.....	322 20
130	5		1894	.....	644 40
130	5		1896	.....	128 40
130	7	Pier 20, H. R., bulkhead, between Chambers and Duane sts	1881	.....	2,096 00
130	8		1896	.....	642 00
130	9		1880	.....	253 00
130	9		1881	.....	262 00
130	9		1882	.....	225 00
130	9		1883	.....	343 50
130	9		1884	.....	337 50
130	9		1885	.....	720 00
130	9		1886	.....	687 00
130	9		1896	.....	85 60
130	10	Pier 21, H. R	1896	.....	642 00
130	13	Pier 22, H. R., bulkhead north of Jay st. pier	1893	.....	819 00
130	13		1896	.....	642 00
130	13, old 14	Bulkhead, south side of Harrison street pier	1893	.....	1,137 50
130	13, old 14		1896	.....	428 00
150	25	Fire Department, E. 7 & H. & L. 1	1904	1,331 80	.....
150	25		1904	1,241 00	.....
150	25		1904	1,271 27	.....
153	24	Hall of Records	1896	.....	1,070 00
153	24		1898	.....	442 20
153	24		1898	.....	168 84
153	24		1899	396 87	.....
153	24		1899	166 68	.....
153	24		1900	359 63	.....
153	24		1900	151 05	.....
155	36	Subway	1908	1,452 66	.....
159	1	Municipal Building	1907	965 24	.....
159	1		1908	1,016 86	.....
159	1		1907	4,454 97	.....
159	1		1908	4,438 69	.....
159	1		1909	1,057 16	.....
159	1		1909	4,614 61	.....
159	1		1909	1,141 06	.....
159	1		1909	755 11	.....
159	1		1909	436 29	.....
159	1		1909	2,852 66	.....
159	1		1909	2,265 35	.....
159	1		1909	335 60	.....
159	4, now 1		1907	1,084 04	.....
159	4, now 1		1908	1,097 56	.....
159	5, now 1		1907	712 79	.....
159	5, now 1		1908	726 33	.....
165	1	Mulberry Bend Park	1855	.....	02
165	1		1894	.....	7,942 23
165	1		1895	.....	8,996 10
166	50	Park site, Baxter and Worth sts	1902	215 97	.....
166	50		1902	1,398 14	.....
168	17	R. T. Subway	1904	21 18	.....
168	22	Water Supply Department	1862	.....	34 68
168	22		1879	.....	258 00
168	37	R. T. Subway	1904	75 67	.....
168	37	R. T. Subway	1904	22 70	.....
169	10	Criminal Court	1889	.....	2,145 00
169	10		1889	.....	2,145 00
181	20	Bulkhead foot of Harrison st	1861	.....	112 10
184	2	Pier 23, H. R	1891	.....	456 00
184	2		1892	.....	444 10
184	4	Pier 24	1896	.....	428 00
184	6	Pier 25	1896	.....	642 00
184	7	Bulkhead between Moore and Beach st.	1887	.....	272 16
184	7		1887	.....	784 08
184	8	Pier 26	1878	.....	1,020 00
184	9	Bulkhead between Beach and Hubert st. piers	1886	.....	824 40
184	9		1896	.....	749 00
184	12	Pier 28, North River	1886	.....	114 50
184	14	Pier 29, North River	1896	.....	1,926 00
190	33	Police Department	1907	$259 87	.....
190	33		1907	259 87	.....
190	33		1907	267 29	.....
190	33		1907	460 34	.....
190	47	Street Cleaning Department, North Moore and Varick sts.	1857	.....	62 55
190	47		1858	.....	65 21
190	47		1859	.....	71 68
197	26	Rapid Transit Subway	1908	807 03	.....
197	26		1908	516 50	.....
197	26		1908	403 51	.....
208	19	Rapid Transit Subway	1908	1,936 88	.....
214	14	Public School 44	1897	.....	136 50
214	14 of 15		1897	.....	94 50
214	14 of 16		1897	.....	94 50
214	14 of 17		1897	.....	94 50
214	14 of 18		1897	.....	42 00
214	14 of 19		1897	.....	27 30
214	14 of 20		1897	.....	25 20
214	14 of 21		1897	.....	168 00
214	14 of 22		1897	.....	168 00
214	14 of 24		1897	.....	189 00
219	18	Public School 111	1866	.....	68 50
219	18		1866	.....	71 50
236	38 old 1	Public School 130	1907	155 92	.....
236	38 old 35		1907	400 94	.....
236	38 old 36		1907	326 69	.....
236	38 old 37		1907	155 92	.....
236	38		1907	445 49	.....
240	1	North half of Ferry Slip foot of James Slip	1907	519 74	.....
240	1		1907	371 24	.....
240	6	Pier 33, East River	1907	519 74	.....
240	6		1908	564 92	.....
240	7	Bulkhead between Oliver and Catherine st. piers	1886	.....	229 00
240	8	Pier 34, East River	1896	.....	321 00
240	9	Ferry Catherine Slip	1885	.....	240 00
240	10	Pier (new) 27, East River	1897	.....	315 00
240	10		1859	.....	91 40
240	12	Bulkhead north of Catherine Slip pier	1858	.....	24 45
240	12		1859	.....	26 88
240	12		1860	.....	25 42
240	12		1861	.....	40 03
240	12		1862	.....	34 68
240	12		1863	.....	40 70
240	12		1865	.....	59 80
240	12		1866	.....	46 00
240	12		1867	.....	66 75
240	12		1868	.....	79 80
240	18 now 17	Bulkhead, South st	1878	.....	56 10
240	18 now 17		1881	.....	57 64
240	18 now 17		1882	.....	49 50
240	18 now 17		1883	.....	50 38
240	18 now 17		1884	.....	69 75
240	18 now 17		1885	.....	74 40
240	18 now 17		1886	.....	70 99
240	18 now 17		1887	.....	66 96
240	18 now 17		1888	.....	68 82
240	18 now 17		1889	.....	118 95
240	18 now 17		1890	.....	159 57
240	18 now 17		1891	.....	136 10
240	18 now 17		1892	.....	149 85
240	18 now 17		1893	.....	147 42
240	18 now 17		1894	.....	144 99
240	18 now 17		1895	.....	154 71
240	18 now 17		1896	.....	173 34
240	18 now 17		1897	.....	170 10
240	18 now 17		1898	.....	162 81
240	18 now 17		1899	219 71	.....
240	18 now 17		1900	199 21	.....
240	18 now 17		1901	205 08	.....
240	18 now 17		1902	201 19	.....
240	18 now 17		1903	125 11	.....
240	18 now 17		1879	.....	56 76
240	21	Pier (new) 29, East River	1896	.....	32 10
240	28	Pier 31, East River	1886	.....	45 80
240	28		1887	.....	43 20
240	28		1888	.....	44 40
240	28		1890	.....	49 25
240	28		1891	.....	47 50
240	31	Bulkhead foot of Pike Slip	1872	.....	145 08
240	31		1897	.....	52 50
240	31		1898	.....	50 25
240	31		1899	66 97	.....
240	31		1900	66 68	.....
240	31		1901	62 56	.....
240	31		1859	.....	53 76
240	31		1886	.....	45 80
240	31		1887	.....	43 20
240	31		1888	.....	44 40
240	31		1890	.....	49 25
240	31		1891	.....	47 50
240	31		1892	.....	46 25
240	31	Bulkhead foot of Pike Slip	1893	.....	45 50
240	31, former 29		1894	.....	44 75
240	31, former 29		1895	.....	47 75
240	31, former 29		1896	.....	53 50
240	31	Bulkhead between Market street and Pike Slip piers	1901	1,680 06	.....
241	1	Bulkhead foot of Pike Slip	1884	.....	56 25
241	1		1885	.....	60 00
241	1		1886	.....	57 25

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
241	1	Bulkhead foot of Pike Slip	1887	.....	54 00
241	1		1888	.....	66 60
241	1		1889	.....	58 50
241	1		1890	.....	98 50
241	1		1891	.....	95 00
241	1		1892	.....	92 50
241	1		1893	.....	91 00
241	1		1894	.....	89 50
241	1		1895	.....	95 50
241	1		1896	.....	107 00
241	4	Pier 32, East River	1878	.....	53 04
241	4		1879	.....	53 66
241	4		1880	.....	52 62
241	4		1881	.....	54 50
241	4		1882	.....	46 80
241	4		1883	.....	47 64
241	17	Pier (old) 47, East River	1903	91 88	.....
241	18	Bulkhead between old piers 47 and 48, East River	1878	.....	56 10
241	18		1903	706 83	.....
241	18		1903	91 88	.....
241	18		1903	49 47	.....
242	8	West of pier (old) 49, East River	1903	70 68	.....
242	9	Pier 38 (new), East River	1903	212 05	.....
242	10	Bulkhead between Montgomery st., piers E and W	1903	565 46	.....
242	17 now 16	E. P. Pier 52, East River	1907	222 74	.....
245	28	Public School 60 (site)	1907	519 74	.....
245	Old 32		1907	103 94	.....
245	Old 33		1907	103 94	.....
245	Old 34		1907	103 94	.....
245	Old 35		1907	103 94	.....
245	Old 60		1907	133 64	.....
245	Old 61		1907	133 64	.....
245	Old 62		1907	133 64	.....
245	Old 63		1907	133 64	.....
245	Old 64		1907	519 74	.....
249	20	Anchor, Bridge 4	1906	162 67	.....
249	20		1907	296 99	.....
249	56	Anchorage Bridge, No. 4 Rutgers slip	1903	254 46	.....
249	56, former 66		1904	3,405 19	.....
249	56, former 66		1905	6,707 29	.....
249	56, former 66		1904	272 41	.....
249	56, former 66		1905	268 29	.....
251	4, former 7	Pumping Station	1906	192 25	.....
251	5, former 7		1906	162 67	.....
251	6, former 7		1906	162 67	.....
251	7, former 7		1906	325 35	.....
251	7		1906	133 10	.....
251	33, former 34		1906	221 83	.....
251	4		1907	193 04	.....
251	5		1907	163 34	.....
251	6		1907	163 34	.....
251	7		1907	326 69	.....
251	33		1907	133 64	.....
251	34		1907	222 74	.....
252	19, former 33	Public School 114	1903	311 00	.....
252	19, former 16		1907	296 99	.....
252	19, former 17		1907	267 29	.....
252	19, former 18		1907	267 29	.....
252	19, former 19		1907	519 74	.....
252	19, former 20		1907	118 79	.....
252	19, former 21		1907	89 09	.....
252	19, former 22		1907	89 09	.....
252	19, former 23		1907	89 09	.....
252	19, former 24		1907	89 09	.....
252	19, former 25		1907	148 49	.....
252	19, former 26		1907	118 79	.....
252	19, former 27		1907	118 79	.....
252	19, former 28		1907	237 59	.....
252	19, former 29		1907	371 24	.....
252	19, former 30		1907	371 24	.....
252	19, former 31		1907	371 24	.....
252	19, former 32		1907	386 09	.....
252	19		1907	3,147 43	.....
252	38	Bath	1906	221 83	.....
252	38, former 40		1906	59 15	.....
252	38, former 72		1906	103 52	.....
252	38, former 73		1906	103 52	.....
252	38, former 38		1907	267 29	.....
252	38, former 40		1907	59 39	.....
252	38, former 72		1907	118 79	.....
252	38, former 73		1907	118 79	.....
254	8	Anchorage Bridge 4	1906	1,123 96	.....
254	20		1903	254 46	.....
254	20		1904	332 95	.....
254	20		1904	938 31	.....
254	20		1903	84 82	.....
254	20		1903	706 83	.....
254	20		1903	212 15	.....
254	20		1903	197 91	.....
254	20		1903	197 91	.....
254	20		1903	155 50	.....
254	20		1903	848 20	.....
254	20		1903	452 37	.....
254	20		1903	28 27	.....
254	20		1903	424 10	.....
254	20		1903	537 19	.....
254	20		1903	537 19	.....
254	20		1903	353 41	.....
254	20		1904	90 80	.....
254	20		1904	756 71	.....
254	20		1904	227 01	.....
254	20		1904	242 14	.....
254	20		1904	242 14	.....
254	20		1904	196 74	.....
254	20		1904	908 05	.....
254	20		1904	454 02	.....
254	20		1904	75 67	.....
254	20		1904	454 02	.....
254	20		1904	575 09	.....
254	20		1904	575 09	.....
254	20		1904	378 35	.....
254	20		1904	60 53	.....
254	20		1905	89 43	.....
254	20		1905	745 25	.....
254	20		1905	223 57	.....
254	20		1905	894 30	.....
254	20		1905	447 15	.....
254	20		1905	74 52	.....
254	20	Anchorage Bridge 4	1905	924 12	.....
254	20		1905	447 15	.....
254	20		1905	566 39	.....
254	20		1905	566 39	.....
254	20		1905	372 62	.....
254	20		1905	126 69	.....
254	20		1904	128 64	.....
254	20		1903	113 09	.....
254	51	Public School 177	1865	.....	50
254	51		1893	.....	182 00
259	44	Public School 31	1901	115 86	.....
259	44		1901	104 27	.....
259	44		1901	115 86	.....
259	44		1901	150 62	.....
259	44		1901	104 27	.....
259	44		1901	104 27	.....
262	3	Bulkhead	1878	.....	6 98
262	3		1879	.....	7 05
262	3		1906	59 15	.....
262	3		1906	36 97	.....
262	3		1906	22 18	.....
262	3		1906	22 18	.....
262	3		1906	14 78	.....
262	3		1906	14 78	.....
262	3		1906	36 97	.....
262	3		1906	73 94	.....
262	3		1906	51 76	.....
262	3		1906	51 76	.....
262	3		1906	73 94	.....
262	3		1907	890 99	.....
262	14	Corlears Hook Park	1893	.....	41 86
262	14		1893	.....	72 80
262	14		1893	.....	72 80
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	63 70
262	14		1893	.....	63 70
262	14		1893	.....	72 80
262	14		1893	.....	218 40
262	14		1893	.....	72 80
262	14		1893	.....	72 80
262	14		1893	.....	50 96
262	14		1893	.....	136 50
262	14		1893	.....	63 70
262	14		1893	.....	72 80
262	14		1893	.....	455 00
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	36 40
262	14		1893	.....	54 60
262	14		1893	.....	72 80
262	14		1893	.....	109 20
262	14		1893	.....	49 14
262	14		1893	.....	45 50
262	14		1893	.....	45 50
262	14		1893	.....	45 50
262	14		1893	.....	45 50
262	14		1893	.....	45 50
262	14		1893	.....	45 50
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	49 14
262	14		1893	.....	1,092 00
262	14		1893	.....	81 90
262	14		1893	.....	63 70
262	14		1893	.....	72 80
262	14		1893	.....	49 14
262	14		1893	.....	50 96
262	14		1893	.....	47 32
262	14		1893	.....	45 50
262	14		1893	.....	45 50
262	14		1893	.....	45 50
262	14		1893	.....	29 12
262	14		1893	.....	45 50
262	14		1893	.....	136 50
262	14		1893	.....	182 00
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	54 60
262	14		1893	.....	63 70
262	14		1893	.....	54 60
262	14		1893	.....	163 80
262	14		1893	.....	63 70
262	14		1893	.....	109 20
262	14		1893	.....	273 00
267	37	Public School 12	1906	221 83	.....
267	37		1906	488 03	.....
267	37		1906	103 52	.....
267	37		1906	133 10	.....
267	37		1906	59 15	.....
267	37		1906	59 15	.....
267	37		1906	59 15	.....
267	37		1906	236 62	.....
267	37		1861	.....	36 03
267	37		1862	.....	26 01

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
267	37	Public School 12	1905	193 76	.....
269	2	Fire Department	1906	251 41	.....
269	2		1906	221 83	.....
269	29	District Court	1901	6 95	.....
270	3	Public Bath site	1905	447 15	.....
270	3		1905	447 15	.....
270	3		1906	443 67	.....
270	3		1906	443 67	.....
273	37	Public School 2	1880	.....	151 80
273	37		1881	.....	157 20
273	37		1882	.....	135 00
273	37		1883	.....	137 40
274	6	Manhattan Bridge	1907	386 09	.....
274	7, now 6		1907	386 09	.....
274	10, now 6		1907	386 09	.....
274	28, now 6		1907	519 74	.....
274	28, now 6		1908	193 68	.....
274	29, now 6		1907	519 74	.....
274	29, now 6		1908	8 07	.....
274	32, now 6		1907	504 89	.....
280	44	Library, 33 E. Broadway	1902	329 64	.....
280	44		1902	306 91	.....
285	31	Library, E. Broadway	1907	1,187 99	.....
290	1	Manhattan Bridge	1905	443 67	.....
290	1		1907	564 29	.....
290	1		1907	965 24	.....
290	1		1907	193 04	.....
290	1		1907	118 79	.....
291	1	Manhattan Bridge	1902	2 27	.....
291	1		1907	415 79	.....
293	7	Fire Department	1870	.....	315 00
296	1	Seward Park	1893	.....	13 65
296	1		1894	.....	1 90
300	31	Fire Department, Hook and Ladder 6	1862	.....	52 00
301	6	Public School 65	1905	5,395 59	.....
301	6		1902	454 68	.....
301	6		1906	4,418 95	.....
311	25	Public Schools, 62 and 75	1880	.....	177 10
311	25		1889	.....	97 50
311	25		1903	409 96	.....
311	25		1903	424 10	.....
311	25		1903	254 46	.....
311	25		1903	494 78	.....
311	25		1903	212 05	.....
311	25		1903	565 46	.....
311	25		1903	353 41	.....
311	25		1903	282 73	.....
311	25		1903	169 64	.....
311	25		1903	169 64	.....
311	25		1903	424 10	.....
		Section 2.			
318	10	East River Bridge	1899	74 41	.....
318	10		1899	99 21	.....
318	10		1899	74 41	.....
318	10		1899	74 41	.....
318	10		1899	74 41	.....
318	10		1899	74 41	.....
318	10		1899	198 43	.....
318	10		1899	198 43	.....
318	10		1899	86 81	.....
318	10		1899	99 21	.....
318	10		1900	67 43	.....
318	10		1900	89 90	.....
318	10		1900	67 43	.....
318	10		1900	67 43	.....
318	10		1900	67 43	.....
318	10		1900	67 43	.....
318	10		1900	179 81	.....
318	10		1900	179 81	.....
318	10		1900	89 90	.....
318	10		1900	78 66	.....
318	10		1901	69 51	.....
318	10		1901	69 51	.....
318	10		1901	69 51	.....
318	10		1901	69 51	.....
318	10		1901	69 51	.....
318	10		1901	185 38	.....
318	10		1901	185 38	.....
318	10		1901	185 38	.....
318	10		1901	92 69	.....
318	10		1901	81 19	.....
318	10		1901	92 69	.....
320	6	Bulkhead 100 ft. south of Stanton st.	1896	.....	214 00
320	7	Pier foot of Stanton st	1893	.....	182 10
320	17	Pier S. ½ East 4th st	1897	.....	105 00
320	17		1898	.....	100 50
320	17		1902	272 81	.....
320	17		1903	254 46	.....
320	17		1904	272 41	.....
320	17		1905	268 29	.....
320	17		1906	266 20	.....
320	17		1907	267 29	.....
320	17		1908	290 53	.....
320	17		1909	302 04	.....
320	17	Pier, S. ½, E. 4th st	1910	316 42	.....
320	17		1911	999 03	.....
322	8	East River Bridge	1901	162 21	.....
322	8		1901	254 90	.....
322	8		1901	92 69	.....
322	8		1901	104 27	.....
322	8		1901	92 69	.....
322	8		1901	92 69	.....
322	8		1901	57 93	.....
322	8		1901	57 93	.....
322	8		1901	57 93	.....
322	8		1901	57 93	.....
322	8		1901	393 94	.....
322	40	East River Bridge	1899	74 41	.....
322	40		1899	111 61	.....
322	40		1899	74 41	.....
322	40		1899	74 41	.....
322	40		1899	74 41	.....
322	40		1899	74 41	.....
322	40	East River Bridge	1899	272 84	.....
322	40		1899	86 81	.....
322	40		1899	86 81	.....
322	40		1899	62 01	.....
322	40		1900	101 14	.....
322	40		1900	67 43	.....
322	40		1900	67 43	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
322	40	East River Bridge	1900	67 43	.....
322	40		1900	67 43	.....
322	40		1900	67 43	.....
322	40		1900	89 90	.....
322	40		1900	78 66	.....
322	40		1900	78 66	.....
322	40		1900	56 19	.....
322	40		1901	64 88	.....
322	40		1901	55 61	.....
327	10	East River Bridge	1901	69 51	.....
327	10		1901	224 78	.....
327	10		1901	220 14	.....
327	10		1901	220 14	.....
327	10		1901	405 53	.....
327	10		1901	220 14	.....
327	10		1901	220 14	.....
327	10		1901	220 14	.....
327	10		1901	162 21	.....
327	44	East River Bridge	1901	185 38	.....
327	44		1901	2,664 84	.....
329	30	Public School 88	1893	.....	127 40
329	30		1893	.....	182 00
332	12	East River Bridge	1901	417 11	.....
332	12		1901	3,302 14	.....
332	52	East River Bridge	1901	3,581 18	.....
337	13	East River Bridge	1901	811 06	.....
337	13		1901	3,922 05	.....
337	44	East River Bridge	1901	220 14	.....
337	44		1901	312 83	.....
337	44		1901	3,846 69	.....
340	1	Hamilton Fish Park	1895	.....	420 20
340	1		1896	.....	470 80
342	11	East River Bridge, Delancy st	1901	324 42	.....
342	11		1901	3,221 01	.....
347	46	East River Bridge	1901	2,457 98	.....
355	10	Public School 13	1896	.....	353 10
355	10		1896	.....	96 30
355	10		1896	.....	214 00
355	10		1896	.....	139 10
355	10		1896	.....	139 10
342	44	East River Bridge, Delancy st.	1901	196 97	.....
342	44		1901	3,846 67	.....
343	50	Public School 4	1893	.....	436 80
343	50		1905	1,117 88	.....
355	10	Public School 13	1906	621 13	.....
355	10		1906	354 93	.....
357	28	Public School 188	1901	312 83	.....
357	28		1901	2,435 39	.....
359	26	Pier	1893	.....	182 00
359	26		1894	.....	179 00
359	26		1895	.....	191 00
359	26		1896	.....	214 00
359	26		1897	.....	105 00
359	26		1898	.....	100 50
359	26		1899	620 10	.....
359	26		1900	561 92	.....
359	26		1901	579 33	.....
359	26		1902	295 54	.....
359	26		1903	282 73	.....
359	26		1904	302 68	.....
359	26		1905	298 10	.....
359	26		1906	295 78	.....
359	26		1907	296 99	.....
359	26		1908	322 81	.....
359	26		1909	335 60	.....
365	36	North ½ pier lands under water, foot East 8th street	1894	.....	214 80
366	37	North ½ pier East 9th st	1893	.....	191 10
367	35	North ½ pier East 10th st	1892	.....	185 00
367	35		1894	.....	179 00
368	29	North ½ pier East 11th st	1892	.....	222 00
371	12	Library	1906	207 04	.....
371	12		1906	207 04	.....
371	12		1906	192 25	.....
371	12		1907	207 89	.....
371	12		1907	207 89	.....
371	12		1907	193 04	.....
371	12		1908	2,017 58	.....
372	64	Public School 131	1865	.....	179 40
372	64		1866	.....	161 00
372	67, now 64		1903	59 37	.....
374	29	Hook and Ladder 11	1862	.....	60 70
387	49	Public School 105	1894	.....	89 50
387	49		1895	.....	95 50
389	11	Public School 71	1878	.....	153 00
389	11		1878	.....	153 00
389	11		1878	.....	153 00
389	11		1878	.....	153 00
389	11		1892	.....	114 70
392	10	Public School 64	1903	2,078 04	.....
404	23	Public Bath	1903	240 32	.....
404	23		1903	240 32	.....
404	39	Carnegie Library, 333 E. 10th st	1903	296 87	.....
404	39		1904	665 90	.....
404	39		1903	296 87	.....
405	25	Public School 126	1902	204 60	.....
405	26		1862	.....	29 48
405	26		1862	.....	27 75
409	20	Engine 17	1845	.....	8 84
409	20		1846	.....	10 46
410	28	Public School 161	1889	.....	165 75
415	20	Carnegie Library, 61 Rivington st	1904	272 41	.....
415	20		1903	183 09	.....
415	20		1904	196 00	.....
415	27	Public Bath, 133-135 Allen st	1902	79 57	.....
415	27		1903	120 16	.....
415	27		1904	128 64	.....
415	27		1903	120 16	.....
415	27		1903	120 16	.....
415	27		1904	128 64	.....
415	27		1904	128 64	.....
422	72	Public School 72	1905	327 91	.....
422	72		1905	1,192 40	.....
422	72		1905	1,490 51	.....
431	14	Public School 63	1904	272 41	.....
431	14		1904	272 41	.....
431	14		1904	242 14	.....
431	14		1904	242 14	.....
431	14		1904	242 14	.....
431	14		1904	242 14	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
431	14	Public School 63	1904	257 28	.....
431	14		1904	257 28	.....
431	14		1904	257 28	.....
431	14		1904	257 28	.....
431	14		1904	257 28	.....
431	14		1904	332 95	.....
437	1	Public School 122	1844	.....	17 10
437	1		1844	.....	15 39
437	1		1844	.....	15 39
437	1		1892	.....	129 50
437	1		1892	.....	129 50
437	1		1893	.....	127 40
437	1		1893	.....	127 40
437	1		1894	.....	125 30
437	1		1894	.....	125 30
437	1		1890	.....	137 90
437	1		1890	.....	137 90
437	1		1891	.....	133 00
437	1		1891	.....	133 00
443	56	Public School 38	1904	22 70	.....
455	28	Engine 5	1865	.....	32 89
470	12	Engine 55	1898	.....	221 10
471	35	Board of Education, Grand and Mulberry sts.	1868	.....	212 80
471	35		1869	.....	192 95
471	35		1870	.....	191 25
471	35		1871	.....	184 50
471	35		1872	.....	246 63
471	35		1873	.....	212 50
471	35		1874	.....	238 00
471	35		1875	.....	249 90
471	35		1876	.....	238 00
471	35		1877	.....	225 25
471	35		1878	.....	216 75
471	35		1879	.....	219 30
490	2	Public School 38	1867	.....	80 10
491	16	Public School 38	1901	579 33	.....
491	16		1901	185 38	.....
491	16		1901	115 86	.....
491	16		1901	115 86	.....
491	16		1901	115 86	.....
491	16		1901	463 46	.....
493	21	Hook and Ladder 9	1862	.....	52 03
495	8	Public School 106	1848	.....	26 95
495	8		1848	.....	26 95
495	8		1848	.....	26 95
520	47	Public School 8	1903	134 29	.....
521	1	Central Office, Police Department	1868	.....	66 50
521	1		1868	.....	66 50
558	11	Hook and Ladder 3, Water Tower 2	1845	.....	14 68
558	11		1847	.....	18 96
558	11		1848	.....	19 40
558	11		1849	.....	17 74
527	81	Public School 113	1868	.....	66 50
527	81		1869	.....	68 10
556	65	Children's Court	1841	.....	8 91
558	11	Hook and Ladder 3	1850	.....	18 20
579	11	Fire Department	1903	141 36	.....
579	11		1903	155 50	.....
579	11		1903	141 36	.....
579	11		1903	141 36	.....
582	1	Hudson Park	1896	.....	256 80
582	1		1896	.....	171 20
582	1		1896	.....	171 20
582	1		1896	.....	171 20
582	1		1896	.....	171 20
582	1		1896	.....	171 20
582	1		1896	.....	171 20
582	1		1896	.....	256 80
582	1		1896	.....	128 40
582	18	Carnegie site, Hudson Park Branch	1904	575 09	.....
582	50	Public Bath	1906	354 93	.....
585	41	Public School 3	1880	.....	88 55
585	41		1881	.....	91 70
585	41		1882	.....	78 75
585	41		1883	.....	80 15
585	41		1905	268 29	.....
585	41		1905	260 83	.....
585	41		1906	266 20	.....
585	41		1906	258 80	.....
585	41		1906	147 89	.....
585	41		1906	221 83	.....
595	86	Canal St. Park	1850	.....	113 75
606	13	Public School 41	1906	621 13	.....
606	13		1906	266 20	.....
630	12	Public School 107	1884	.....	101 25
630	12		1885	.....	108 00
630	12		1885	.....	108 00
644	1	Gansevoort Market	1869	.....	2,270 00
644	1		1870	.....	2,902 50
651	1	West Washington Market	1871	.....	325 57
651	1		1872	.....	536 78
651	1		1873	.....	462 50
651	1		1874	.....	518 00
651	1		1875	.....	543 90
651	1		1876	.....	518 00
651	1		1877	.....	490 25
651	1		1878	.....	471 75
651	1		1879	.....	477 30
651	1		1880	.....	392 15
656	1		1880	.....	75 90
651	1		1881	.....	484 70
651	1		1881	.....	288 20
651	1		1882	.....	416 25
651	1		1882	.....	146 25
651	1		1882	.....	78 75
651	1		1882	.....	303 75
651	1		1882	.....	371 25
651	1		1883	.....	664 10
651	1		1883	.....	606 85
651	1		1883	.....	1,671 70
651	1		1883	.....	80 15
651	1		1884	.....	472 50
651	1		1885	.....	408 00
651	1		1885	.....	96 00
651	1		1886	.....	480 90
655	6	Pier 33, Hudson River	1896	.....	21 40
655	11	Bulkhead north of Spring st	1885	.....	307 50
655	11		1886	.....	293 34
655	11		1887	.....	606 96
655	11	Bulkhead north of Spring st	1888	.....	623 82
655	11		1889	.....	547 95
655	11		1890	.....	553 57
655	11		1891	.....	533 90
655	11		1894	.....	322 20
655	11		1895	.....	382 00
656	4	Bulkhead north of King st	1890	.....	561 45
656	4		1891	.....	541 50
656	5	Bulkhead south of West Houston st	1856	.....	62 23
656	5		1885	.....	57 00
656	5		1886	.....	54 39
656	5		1887	.....	102 60
656	5		1888	.....	738 15
656	5		1889	.....	92 62
656	5		1890	.....	93 50
656	5		1891	.....	90 25
656	5		1892	.....	703 00
656	5		1893	.....	91 00
656	5		1894	.....	89 50
656	5		1859	.....	80 64
656	7	Bulkhead north of West Houston st	1885	.....	282 00
656	7		1886	.....	269 08
656	7		1887	.....	540 43
656	7		1888	.....	555 44
656	7		1889	.....	487 90
656	7		1890	.....	492 89
656	7		1891	.....	475 38
656	7		1892	.....	462 87
656	9	Bulkhead south of Clarkson st	1885	.....	56 40
656	9		1886	.....	53 81
656	9		1887	.....	108 10
656	9		1888	.....	111 12
656	9		1889	.....	97 59
656	9		1890	.....	98 61
656	9		1891	.....	95 10
656	9		1892	.....	92 50
656	10	Pier 40, foot Clarkson st.	1896	.....	55 64
656	11	Bulkhead north of Clarkson st	1881	.....	131 00
656	11		1882	.....	112 50
656	11		1883	.....	114 50
656	11		1885	.....	171 00
656	11		1886	.....	163 16
656	11		1887	.....	307 80
656	11		1888	.....	316 35
656	11		1889	.....	370 50
656	11		1890	.....	280 73
656	11		1891	.....	270 75
656	11		1892	.....	351 50
656	12	Bulkhead south of Leroy st	1885	.....	285 00
656	12		1886	.....	271 94
656	12		1887	.....	513 00
656	12		1888	.....	527 25
655	11	Bulkhead north of Spring st	1896	.....	85 60
655	13	Pier 36, south of Charlton st	1873	.....	1,125 00
655	13		1874	.....	1,260 00
655	13		1875	.....	1,323 00
655	13		1876	.....	1,260 00
655	13		1877	.....	1,192 50
655	13		1878	.....	739 50
655	13		1879	.....	748 20
655	13		1880	.....	733 70
655	13		1881	.....	759 80
655	13		1882	.....	652 50
655	13		1883	.....	664 10
655	13		1884	.....	247 50
655	13		1896	.....	535 00
655	14	Bulkhead south of Charlton st	1896	.....	80 25
656	4	Bulkhead north of King st	1856	.....	62 23
656	4		1859	.....	80 64
656	4		1885	.....	342 00
656	4		1886	.....	326 32
656	4		1887	.....	615 60
656	4		1888	.....	738 15
656	4		1889	.....	555 75
656	12	Bulkhead south of Leroy st	1889	.....	741 00
656	12		1890	.....	467 87
656	12		1891	.....	451 25
656	12		1892	.....	351 50
656	12		1892	.....	351 50
656	12		1896	.....	29 96
656	13	Pier 41, foot Leroy st	1896	.....	727 60
656	14	Bulkhead north of Leroy st	1885	.....	456 00
656	14		1886	.....	435 10
656	14		1887	.....	654 48
656	14		1888	.....	672 66
656	14		1889	.....	590 85
656	14		1890	.....	596 91
656	14		1891	.....	575 70
656	14		1892	.....	560 55
656	14		1893	.....	551 46
656	14		1894	.....	542 37
656	14		1895	.....	152 80
656	14		1896	.....	32 10
656	16	South half pier 42, foot of Morton St.	1896	.....	64 20
657	4	Bulkhead (ferry) between Barrow and Christopher sts	1878	.....	255 00
657	4		1879	.....	258 00
657	4		1880	.....	253 00
657	4		1881	.....	262 00
657	4		1882	.....	225 00
657	4		1883	.....	229 00
657	4		1884	.....	675 00
657	4		1885	.....	720 00
657	4		1886	.....	687 00
657	4		1887	.....	810 00
657	4		1888	.....	832 50
657	4		1889	.....	731 25
657	4		1890	.....	738 75
657	4		1891	.....	712 50
657	4		1892	.....	693 75
657	4		1893	.....	682 50
657	4		1894	.....	671 25
657	4		1895	.....	716 25
657	4		1896	.....	963 00
657	7	Pier 45, foot West 10th st	1896	.....	128 40
657	11	Pier 47, foot Perry st	1896	.....	74 90
657	14	Bulkhead Hudson River	1885	.....	21 60
657	14		1886	.....	20 35
657	14		1887	.....	25 92

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
657	14	Bulkhead Hudson River	1889	.....	25 75
657	14		1896	.....	333 84
657	14		1897	.....	117 60
657	14		1898	.....	112 56
657	14		1899	496 08	.....
657	14		1905	745 25	.....
657	14		1906	739 45	.....
657	14		1907	742 49	.....
658	3	Bulkhead between piers 48 and 49	1897	.....	1,890 00
658	3		1897	.....	126 00
658	3		1897	.....	126 00
658	3		1897	.....	178 50
658	3		1897	.....	42 00
658	3		1898	.....	1,809 00
658	3		1898	.....	120 60
658	3		1898	.....	120 60
658	3		1898	.....	170 85
658	3		1898	.....	40 20
658	3		1899	2,232 36	.....
658	3		1899	148 82	.....
658	3		1899	148 82	.....
658	3		1899	210 83	.....
658	3		1899	49 60	.....
658	5	Pier 49, foot Bank st	1897	.....	1,890 00
658	5		1897	.....	126 00
658	5		1897	.....	126 00
658	5		1897	.....	178 50
658	5		1897	.....	42 00
658	5		1898	.....	1,809 00
658	5		1898	.....	120 60
658	5		1898	.....	120 60
658	5		1898	.....	170 85
658	5		1898	.....	40 20
658	5		1899	2,232 36	.....
658	5		1899	148 82	.....
658	5		1899	148 82	.....
658	5		1899	210 83	.....
658	5		1899	49 60	.....
658	5		1897	.....	231 00
658	5		1898	.....	221 10
658	5		1899	272 84	.....
658	7	Bulkhead between piers 49 and 50 Hudson River	1896	.....	3,638 00
658	7		1897	.....	126 00
658	7		1897	.....	126 00
658	7		1897	.....	178 50
658	7		1897	.....	42 00
658	7		1898	.....	120 60
658	7		1898	.....	120 60
658	7		1898	.....	170 85
658	7		1898	.....	40 20
658	7		1899	148 82	.....
658	7		1899	148 82	.....
658	7		1899	210 83	.....
658	7		1899	49 60	.....
658	9	Pier 50, foot of Bethune st	1896	.....	10 70
659	5	Bulkhead between Bloomfield and Little 12th sts	1903	3,166 57	.....
659	5		1904	2,421 47	.....
659	5		1904	9,027 49	.....
659	5		1904	1,059 39	.....
659	9 and 11	Bulkhead and pier	1903	2,403 23	.....
659	9 and 11		1903	6,702 11	.....
659	9 and 11		1904	2,951 16	.....
659	9 and 11		1904	8,179 81	.....
659	9 and 11		1904	196 74	.....
659	9 and 11		1904	1,200 13	.....
659	9 and 11		1905	11,924 08	.....
659	9 and 11		1906	11,831 20	.....
659	9		1906	1,671 15	.....
		Section 3.			
662	3	Pier 57, foot of W. 15th st	1903	$1,625 71	.....
662	3		1903	1,024 90	.....
662	3		1903	1,350 04	.....
662	3		1905	29,668 60	.....
662	3		1896	.....	$214 00
662	3		1903	1,130 93	.....
662	3		1903	607 87	.....
662	3		1903	452 36	.....
662	3		1903	2,247 70	.....
662	3		1903	360 48	.....
662	3		1903	360 48	.....
662	3		1904	1,210 73	.....
662	3		1903	452 37	.....
662	7	Pier 58, foot of W. 16th st	1903	2,000 31	.....
662	7		1904	2,262 54	.....
662	7		1904	2,186 87	.....
662	9	Bulkhead between piers 58 and 59	1904	1,135 06	.....
662	9		1904	786 97	.....
662	9		1904	8,323 81	.....
662	11	Pier 59, foot W. 18th st.	1904	1,135 06	.....
662	11		1904	1,437 74	.....
662	11		1904	6,810 39	.....
662	13	Bulkhead between piers 59 and 60	1904	1,135 06	.....
662	13		1904	1,437 74	.....
663	3	Pier 62, foot of W. 22d st	1896	.....	214 00
663	3		1896	.....	214 00
663	7	Bulkhead between 22d and 23d sts	1896	.....	214 00
663	10	Pier 64, foot of W. 24th st	1896	.....	256 80
663	11	Bulkhead between W. 24th and 25th streets	1881	.....	117 90
663	11		1882	.....	101 25
663	11		1883	.....	103 25
663	11		1884	.....	101 25
663	11		1885	.....	144 00
623	11		1886	.....	251 90
623	11		1887	.....	237 60
663	11		1888	.....	244 20
663	11		1889	.....	214 50
663	13	Pier 65, north of W. 25th st	1896	.....	342 40
663	14	Bulkhead between W. 25th and 26th streets	1890	.....	236 40
663	14		1890	.....	59 10
663	16	Pier 66, north of W. 26th st	1896	.....	256 80
663	17	Bulkhead north of W. 27th st	1887	.....	43 20
663	17		1888	.....	44 40
663	17		1889	.....	39 00
664	1	Bulkhead, W. 27th st	1876	.....	28 00
664	2	Pier 67, between W. 27th and 28th sts.	1896	.....	428 00
664	5	Pier 68, north of W. 28th st	1896	.....	299 60
664	6	Bulkhead between W. 28th and 29th sts.	1876	.....	28 00
664	6		1877	.....	26 50
664	6		1878	.....	25 50
664	6		1879	.....	25 80
664	6		1880	.....	25 30
664	6		1881	.....	26 20
664	6		1882	.....	22 50
664	6		1883	.....	22 90
664	6		1884	.....	22 50
664	6		1885	.....	48 00
664	6		1886	.....	45 80
664	8	Pier 69, foot of W. 29th st	1896	.....	256 80
664	9	Bulkhead between W. 29th and 30th sts.	1887	.....	43 20
664	9		1888	.....	44 40
664	9		1889	.....	39 00
664	9		1890	.....	98 50
664	9		1891	.....	95 00
664	9		1896	.....	32 10
665	4	Pier foot of W. 35th st	1896	.....	85 60
665	10	Pier foot of W. 37th st	1896	.....	428 00
709	25	Public School 27	1845	.....	92
709	25		1892	.....	55 50
725	1	Chelsea Park	1905	141 59	.....
725	1		1905	134 14	.....
725	1		1905	163 95	.....
725	1		1905	163 95	.....
725	1		1905	163 95	.....
725	1		1905	119 24	.....
725	1		1905	104 33	.....
725	1		1905	104 33	.....
725	1		1905	96 88	.....
725	1		1905	96 88	.....
725	1		1905	96 88	.....
725	1		1905	104 33	.....
725	1		1905	149 05	.....
725	1		1906	140 49	.....
725	1		1906	133 10	.....
725	1		1906	133 10	.....
725	1		1906	147 89	.....
725	1		1906	162 67	.....
725	1		1906	340 14	.....
725	1		1906	162 67	.....
725	1		1906	162 67	.....
725	1		1906	118 31	.....
725	1		1906	103 52	.....
725	1		1906	96 12	.....
725	1		1906	96 12	.....
725	1		1906	96 12	.....
725	1		1906	155 28	.....
725	1		1906	103 52	.....
725	1		1906	103 52	.....
725	1		1906	155 28	.....
725	1		1906	147 89	.....
725	1		1906	125 70	.....
725	1		1906	125 70	.....
725	1		1906	125 70	.....
725	1		1906	125 70	.....
725	1		1906	125 70	.....
725	1		1906	125 70	.....
725	1		1906	162 67	.....
725	1		1906	118 31	.....
725	1		1906	118 31	.....
725	1		1906	118 31	.....
725	1		1906	162 67	.....
725	1		1906	162 67	.....
725	1		1906	162 67	.....
725	1		1905	156 50	.....
725	1		1904	158 90	.....
725	1		1905	163 95	.....
725	1		1905	119 24	.....
725	1		1904	196 74	.....
734	55	20th Precinct Station	1845	.....	1 35
734	55		1870	.....	45 00
734	55		1870	.....	45 00
742	7	Public School 56	1903	16 96	.....
742	7		1903	16 96	.....
749	10	Engine Co. 19	1862	.....	41 62
759	8	Public School 32	1884	.....	225 00
759	8		1885	.....	240 00
773	38	Pub. Lib., West 23d street	1904	363 22	.....
773	38		1905	283 19	.....
773	38		1904	211 87	.....
773	38		1904	121 07	.....
773	38		1905	253 38	.....
790	19	9th Regiment Armory	1891	.....	1,786 00
805	75	Public School 26	1908	16 14	.....
805	75		1909	16 78	.....
805	82	19th Precinct Police	1905	193 76	.....
805	82		1905	193 76	.....
805	82		1905	245 93	.....
805	82		1905	342 81	.....
805	82		1906	221 83	.....
805	82		1906	221 83	.....
805	82		1906	273 59	.....
805	82		1906	391 90	.....
809	28	Water Tower 3, Searchlight Engine 2.	1899	322 45	.....
809	28		1899	322 45	.....
846	66	Engine Co. 14	1862	.....	69 37
852	1	Madison Square Park	1846	.....	22 09
852	1		1846	.....	15 06
852	1		1846	.....	15 06
852	1		1846	.....	15 06
852	1		1846	.....	15 06
852	1		1846	.....	15 06
852	1		1846	.....	10 04
852	1		1846	.....	10 04
852	1		1846	.....	10 04
852	1		1846	.....	10 04
852	1		1846	.....	4 01
852	1		1846	.....	7 02
852	1		1846	.....	10 04
852	1		1846	.....	16 06
852	1		1846	.....	15 06
852	1		1846	.....	15 06
872	57	Washington Irving High School	1906	635 92	.....
872	57		1906	650 71	.....
872	57		1906	561 98	.....
872	57		1906	495 43	.....
872	57		1906	377 11	.....
872	57		1906	303 17	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
872	57	Washington Irving High School	1906	310 56	.....
872	57		1906	502 82	.....
872	57		1906	258 80	.....
852	57		1906	332 75	.....
852	57		1906	325 35	.....
852	57		1906	414 09	.....
852	57		1907	248 40	.....
881	6	69th Regiment Armory	1894	.....	161 10
881	6		1900	359 63	.....
881	6		1900	359 63	.....
881	6		1900	415 82	.....
881	6		1900	404 58	.....
881	6		1900	370 87	.....
881	6		1900	370 87	.....
881	6		1900	370 87	.....
881	6		1900	370 87	.....
881	6		1900	236 00	.....
881	6		1900	258 48	.....
881	6		1900	325 91	.....
881	6		1900	191 05	.....
881	6		1900	213 53	.....
881	6		1900	213 53	.....
889	1	71st Regiment Armory	1890	.....	886 50
889	1		1890	.....	1,477 50
889	1		1890	.....	1,970 00
897	40	Stuyvesant Square	1844	.....	10 91
897	40		1844	.....	10 91
897	40		1844	.....	10 91
897	40		1844	.....	10 91
897	40		1844	.....	10 91
901	9	Pulic School 50	1856	.....	27 66
901	9		1857	.....	31 12
901	9		1858	.....	32 60
901	9		1866	.....	46 00
901	9		1897	.....	94 50
903	43	Carnegie Site 15	1905	298 10	.....
903	43		1905	156 50	.....
903	43		1905	156 50	.....
907	15	Hospital, 223 E. 26th st	1862	.....	38 15
907	15		1868	.....	133 00
907	15		1869	.....	113 50
907	15		1870	.....	112 50
907	15		1871	.....	108 53
907	15		1872	.....	174 09
907	15		1873	.....	150 00
907	15		1874	.....	168 00
907	15		1875	.....	176 40
907	15		1876	.....	168 00
907	15		1877	.....	159 00
907	15		1878	.....	153 00
907	15		1879	.....	154 80
907	15		1880	.....	151 80
907	15		1881	.....	157 20
907	15		1882	.....	135 00
907	15		1883	.....	137 40
907	15		1884	.....	135 00
907	15		1885	.....	144 00
907	15		1886	.....	137 40
908	17	Public School 14	1845	.....	5 25
908	17		1868	.....	39 90
908	17		1868	.....	74 48
908	17		1869	.....	34 05
908	17		1869	.....	63 56
908	17		1870	.....	33 75
908	17		1870	.....	63 00
908	17		1869	.....	9 20
908	17		1871	.....	32 56
908	17		1871	.....	60 77
908	17		1872	.....	43 52
908	17		1872	.....	87 04
908	17		1873	.....	37 50
908	17		1873	.....	75 00
908	17		1874	.....	126 00
908	17		1875	.....	132 30
908	17		1876	.....	126 00
908	17		1877	.....	119 25
908	17		1878	.....	114 75
908	17		1879	.....	116 10
		Section 3.			
918	21	Public School 29	1889	.....	156 00
918	21		1899	545 68	.....
920	55	Engine Co. 21	1861	.....	24 02
922	8	Stuyvesant High School	1898	.....	2,803 95
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	173 62	.....
922	8		1899	161 22	.....
922	8		1899	161 22	.....
922	8		1899	161 22	.....
922	8		1899	161 22	.....
922	8		1899	161 22	.....
922	8		1899	186 03	.....
922	8		1899	186 03	.....
922	8		1899	186 03	.....
922	8		1899	186 03	.....
922	8		1899	186 03	.....
925	55	Public School 40	1875	.....	10
941	1	St. Gabriel's Park	1903	9,315 73	.....
942	6	Library, 303 E. 36th st	1906	199 65	.....
942	6		1906	251 41	.....
948	10	Public School 104	1903	204 98	.....
956	23	Pipe yard water supply	1905	1 49	.....
956	37	City Lodging House	1905	430 76	.....
957	19	Educational	1906	110 91	.....
957	20		1906	110 91	.....
957	21		1906	1,064 80	.....
957	21		1906	147 89	.....
957	31		1906	325 35	.....
960	1	Hospital, 484 1st ave	1862	.....	26 01
969	17, now 22	Bulkhead, foot E. 38th st	1883	.....	78 20
969	17 now 22		1884	.....	76 83
969	17, now 22		1885	.....	81 96

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
969	17, now 22	Bulkhead, foot E. 38th st.	1886	.....	79 00
969	17, now 22		1887	.....	74 52
969	17, now 22		1888	.....	76 59
969	17, now 22		1889	.....	67 27
969	17, now 22		1890	.....	79 09
969	17, now 22		1891	.....	80 83
969	17, now 22		1892	.....	85 10
969	17, now 22		1893	.....	83 72
969	17, now 22		1906	414 09	.....
969	17, now 22		1907	415 79	.....
969	17, now 22		1908	774 75	.....
969	17, now 22		1909	805 45	.....
969	22		1883	.....	48 09
969	22		1884	.....	47 25
969	22		1885	.....	50 40
969	22		1886	.....	48 90
969	22		1887	.....	46 12
969	22		1888	.....	47 40
969	22		1889	.....	41 63
969	22		1892	.....	52 72
969	22		1893	.....	51 87
969	22		1894	.....	143 20
969	22		1895	.....	152 80
969	22		1896	.....	171 20
969	22		1897	.....	168 00
969	22		1898	.....	160 80
969	22		1899	372 06	.....
969	22		1900	337 15	.....
969	22		1901	463 46	.....
969	22		1902	454 68	.....
969	22		1903	282 73	.....
969	22		1904	302 68	.....
969	22		1905	298 10	.....
969	22		1890	.....	49 25
969	22		1891	.....	50 04
969	22		1906	443 67	.....
969	22		1907	445 49	.....
969	22		1908	484 22	.....
969	22		1909	503 41	.....
970	12		1908	1,129 84	.....
970	12		1909	1,174 62	.....
970	14		1908	790 89	.....
970	14		1909	822 23	.....
979	28	Northerly half of pier E. 21st st. and East River	1903	353 41	.....
979	28		1904	378 35	.....
979	28		1905	372 62	.....
979	28		1906	369 72	.....
979	28		1907	371 24	.....
979	28		1908	484 22	.....
979	28		1909	503 41	.....
979	29	Water grant, East River, 21st to 22d sts.	1904	378 35	.....
979	29		1905	372 62	.....
979	29		1902	568 36	.....
979	29		1906	369 72	.....
979	29		1907	371 24	.....
979	29		1908	161 40	.....
979	29		1909	167 80	.....
979	29, old 30	Bulkhead East River, 21st to 22d sts.	1903	424 10	.....
979	29, old 30		1904	454 02	.....
979	29, old 30		1905	447 15	.....
979	20, old 30		1903	353 41	.....
980	50	Bulkhead between E. 22d and 23d sts.	1895	.....	229 20
980	50		1896	.....	321 00
980	50		1897	.....	315 00
980	50		1898	.....	301 50
980	50		1899	620 10	.....
980	50		1900	561 92	.....
980	50		1901	579 33	.....
980	50		1902	568 36	.....
986	57	Southerly half pier foot E. 19th st.	1901	463 46	.....
986	57		1902	454 68	.....
986	57		1903	282 73	.....
987	19	Northerly half pier foot E. 19th st.	1901	463 46	.....
987	19		1902	454 68	.....
987	19		1903	282 73	.....
987	47	Pier foot of E. 20th st.	1901	1,622 13	.....
987	47		1902	795 70	.....
987	47		1903	989 56	.....
987	47		1904	908 05	.....
987	47		1905	894 30	.....
987	47		1906	887 34	.....
987	47		1907	890 99	.....
987	47		1908	968 44	.....
987	47		1909	1,006 82	.....
987	48	Bulkhead East River, betwen 20th and 21st sts.	1903	169 64	.....
987	48		1904	302 68	.....
987	48		1905	298 10	.....
987	48		1906	295 78	.....
987	48		1907	296 99	.....
987	56	Foot of 21st st., East River	1901	463 46	.....
987	56		1902	454 68	.....
987	56		1903	353 41	.....
987	56		1904	378 35	.....
987	56		1905	372 62	.....
987	56		1906	369 72	.....
987	56		1907	371 25	.....
987	56		1908	484 22	.....
987	56		1909	503 41	.....
987	57	East River, between 20th and 21st sts.	1905	193 76	.....
987	57		1906	192 25	.....
987	57		1907	207 89	.....
987	57		1908	322 81	.....
987	57		1909	335 60	.....
990	70	Park foot of E. 18th st.	1878	.....	114 75
990	70		1879	.....	116 10
990	70		1880	.....	113 85
990	70		1881	.....	117 90
990	70		1882	.....	101 25
990	70		1883	.....	103 05
990	70		1884	.....	168 75
990	70		1885	.....	180 00
990	70		1886	.....	171 75
990	70		1888	.....	166 50
990	70		1890	.....	147 75
990	70		1894	.....	134 25
990	70		1895	.....	143 25
990	70		1887	.....	162 00

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
990	70	Park foot of E. 18th st.	1889	.....	146 25
990	70		1891	.....	142 50
990	70		1892	.....	138 75
990	70		1893	.....	136 50
991	50	Bulkhead between 15th and 16th sts.	1856	.....	196 38
992	old 2, now 1	East River, between 14th and 40th sts. Section 4.	1908	338 95	.....
1007	15	Public School 69	1869	.....	56 75
1007	15		1870	.....	56 25
1007	15		1891	.....	190 00
1007	15		1903	339 28	.....
1007	15		1903	339 28	.....
1012	8	Public School 28	1846	.....	5 99
1012	8		1877	.....	106 00
1012	8		1878	.....	102 00
1012	8		1879	.....	103 20
1012	8		1880	.....	101 20
1012	8		1881	.....	104 80
1012	8		1882	.....	90 00
1012	8		1883	.....	91 60
1012	8		1847	.....	9 37
1030	23	Engine 23	1905	372 62	.....
1030	23		1906	443 67	.....
1032	7	Public Bath	1902	181 87	.....
1032	7		1902	193 24	.....
1038	9	Twenty-second Precinct Station	1859	.....	10 75
1038	14	Public School 17	1906	384 51	.....
1038	14		1906	295 78	.....
1038	14		1906	399 30	.....
1038	14		1906	310 56	.....
1038	14		1906	414 09	.....
1038	14		1906	251 41	.....
1038	14		1905	372 62	.....
1043	22	Public School 58	1893	.....	109 20
1060	63	Library, 742 10th ave	1907	222 74	.....
1060	63		1907	222 74	.....
1067	57	Public School 41	1877	.....	71 22
1067	57		1877	.....	68 90
1067	58, now 57		1877	.....	67 57
1067	58, now 57		1877	.....	66 25
1067	58, now 57		1902	316 91	.....
1071	49	Engine 2, West 43d st	1862	.....	13 87
1073	19	Public School 51	1878	.....	51 00
1073	19		1879	.....	51 60
1073	19		1880	.....	50 60
1073	19		1881	.....	52 40
1073	19		1882	.....	45 00
1073	19		1883	.....	45 80
1073	19		1884	.....	45 00
1073	19		1885	.....	60 00
1073	19		1886	.....	57 25
1073	19		1887	.....	54 00
1073	19		1889	.....	48 75
1073	19		1890	.....	49 25
1073	19		1891	.....	47 50
1073	19		1888	.....	55 50
1087	25	De Witt Clinton High School	1898	.....	542 70
1087	25		1899	793 72	.....
1087	25		1898	.....	180 90
1087	25		1898	.....	120 60
1087	25		1898	.....	120 60
1087	25		1898	.....	120 60
1087	25		1898	.....	130 65
1087	25		1898	.....	120 60
1087	25		1898	.....	120 60
1087	25		1898	.....	241 20
1087	25		1898	.....	60 30
1087	25		1898	.....	60 30
1087	25		1898	.....	60 30
1087	25		1898	.....	60 30
1087	25		1899	334 85	.....
1087	25		1899	223 23	.....
1087	25		1899	223 23	.....
1087	25		1899	223 23	.....
1087	25		1899	235 63	.....
1087	25		1899	223 23	.....
1087	25		1899	223 23	.....
1087	25		1899	421 66	.....
1087	25		1899	99 21	.....
1087	25		1899	99 21	.....
1087	25		1899	99 21	.....
1087	25		1899	99 21	.....
1100	1		1901	5,343 40	.....
1100	1		1901	3,969 34	.....
1103	61	Department Street Cleaning (Corporation Yard)	1878	.....	89 25
1103	61		1879	.....	90 30
1103	61		1880	.....	88 55
1103	61		1881	.....	91 70
1103	61		1882	.....	78 75
1103	61		1883	.....	80 15
1103	61		1884	.....	78 75
1103	61		1885	.....	84 00
1103	61		1886	.....	80 15
1103	61		1887	.....	75 60
1103	61		1888	.....	77 70
1103	61		1889	.....	68 25
1103	61		1890	.....	68 95
1103	61		1891	.....	66 50
1103	61		1892	.....	64 75
1103	61		1893	.....	63 70
1103	61		1894	.....	62 65
1103	61		1895	.....	66 85
1103	61		1896	.....	74 90
1103	61		1897	.....	73 50
1107	13	Bulkhead and Piers, 42d to 44th sts.	1906	1,109 17	.....
1107	13		1907	965 24	.....
1107	19	Bulkhead, between 43d and 44th sts.	1906	295 78	.....
1107	19		1907	371 24	.....
1107	19		1891	.....	114 00
1107	19		1908	201 75	.....
1107	19		1909	209 75	.....
1107	19		1910	219 73	.....
1107	19		1911	215 31	.....
1107	11	West Shore Railroad Ferry, W. 42d st.	1887	.....	432 00
1107	11		1888	.....	444 00
1107	11		1889	.....	390 00
1107	11		1890	.....	394 00
1107	11		1891	.....	380 00
1107	11		1892	.....	370 00
1107	11		1893	.....	364 00
1107	11		1894	.....	358 00
1107	11		1895	.....	382 00
1107	11		1896	.....	428 00
1107	11		1897	.....	420 00
1107	11		1899	744 12	.....
1107	11		1898	603 00	.....
1107	11		1900	899 08	.....
1107	11		1901	926 93	.....
1107	11		1902	909 37	.....
1107	11		1903	1,130 93	.....
1107	11		1904	2,270 13	.....
1107	11		1905	2,235 76	.....
1107	11		1906	2,588 07	.....
1107	11		1907	2,969 98	.....
1108	23	Bulkhead, between West 50th and 51st Sts.	1888	.....	88 80
1108	23		1889	.....	78 00
1116	1	Empire Park South, Columbus ave., 63d st. and Broadway	1871	.....	260 48
1116	1		1871	.....	173 65
1116	1		1871	.....	151 94
1116	1		1871	.....	130 24
1116	1		1871	.....	260 48
1134	56	Hook and Ladder 35	1856	.....	4 95
1134	56		1905	134 14	.....
1134	56		1905	134 14	.....
1134	56		1906	162 67	.....
1134	56		1906	162 67	.....
1137	1	High School of Commerce	1898	.....	904 50
1137	1		1904	786 96	.....
1137	1		1905	1,237 10	.....
1137	36	Park, Columbus ave. and 65th st.	1872	.....	261 13
1149	1	Public School 87	1886	.....	354 95
1151	16	Public School, W. 59th st.	1906	473 24	.....
1151	45	Public School, West 60th st.	1906	177 46	.....
1151	47	Public School, West 60th st.	1906	73 94	.....
1151	48	Public School, West 60th st.	1906	73 94	.....
1160	28	Public School 94	1889	.....	48 75
1160	28		1889	.....	97 50
1160	28		1889	.....	78 00
1160	28		1889	.....	78 00
1160	28		1889	.....	78 00
1160	28		1896	.....	85 60
1160	28		1896	.....	85 60
1160	34	Library, Riverside Branch, Carnegie site 29	1903	325 14	.....
1160	34		1903	325 14	.....
1194	1	Riverside Park	1880	.....	32 89
1194	1		1881	.....	34 06
1194	1		1882	.....	29 25
1194	1		1883	.....	59 54
1194	1		1884	.....	74 25
1194	1		1885	.....	79 20
1194	1		1886	.....	75 57
1194	1		1888	.....	77 70
1194	1		1889	.....	68 25
1194	1		1899	148 82	.....
1194	1		1900	708 01	.....
1194	1		1901	764 67	.....
1194	1		1902	750 21	.....
1194	1		1903	622 00	.....
1194	1		1904	1,089 64	.....
1219	47	Public School 166	1897	.....	1,260 00
1223	25	Aqueduct, cor. Columbus ave. and 92d st.	1871	.....	7 81
1223	25		1874	.....	56 00
1223	25		1874	.....	42 00
1223	25		1874	.....	16 80
1223	25		1875	.....	58 80
1223	25		1875	.....	44 10
1223	25		1875	.....	17 64
1223	25		1876	.....	56 00
1223	25		1876	.....	42 00
1223	25	Aqueduct, cor. 87th and Columbus ave.	1876	.....	16 80
1223	25		1877	.....	42 40
1223	25		1877	.....	31 80
1223	25		1877	.....	13 25
1223	25		1878	.....	45 90
1223	25		1878	.....	28 05
1223	25		1878	.....	11 47
1223	25		1879	.....	46 44
1223	25		1879	.....	28 38
1223	25		1879	.....	11 61
1223	25		1880	.....	45 54
1223	25		1880	.....	35 42
1223	25		1880	.....	13 91
1223	25		1881	.....	62 88
1223	25		1881	.....	41 92
1223	25		1881	.....	17 03
1223	25		1882	.....	33 75
1223	25		1882	.....	31 50
1223	25		1882	.....	54 00
1223	25		1882	.....	36 00
1223	25		1882	.....	14 62
1223	25		1882	.....	27 00
1223	25		1882	.....	27 00
1223	25		1883	.....	38 93
1223	25		1883	.....	36 64
1223	25		1883	.....	59 54
1223	25		1883	.....	38 93
1223	25		1883	.....	16 03
1223	25		1883	.....	32 06
1223	25		1883	.....	32 06
1223	25		1884	.....	38 25
1223	25		1884	.....	36 00
1223	25		1884	.....	58 50
1223	25		1884	.....	38 25
1223	25		1884	.....	15 75
1223	25		1884	.....	31 50
1223	25		1884	.....	31 50
1223	25		1885	.....	50 40
1223	25		1885	.....	48 00
1223	25		1885	.....	72 00
1223	25		1885	.....	52 80
1223	25		1885	.....	21 60
1223	25		1885	.....	43 20
1223	25		1885	.....	43 20
1229	31	St. Agnes Library, Carnegie site	1904	756 71	.....
1241	25	Public School 93	1889	.....	44 85

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1241	25, former 27	Public School 93	1889	.....	44 85
1241	25, former 28		1889	.....	44 85
1241	25, former 29		1889	.....	117 00
1241	25, former 30		1889	.....	97 50
1241	25, former 31		1889	.....	97 50
1241	25, former 32		1889	.....	97 50
1241	25, former 33		1889	.....	78 00
1241	25		1897	.....	8 40
1241	25		1897	.....	8 40
1241	25		1897	.....	14 70
1241	25		1897	.....	42 00
1241	25		1897	.....	21 00
1254	1	Riverside Park	1853	.....	90
1255	1	Bulkhead, H. R., 79th to 86th sts	1852	.....	03
1255	1		1880	.....	24 99
1255	1		1881	.....	65
1255	1		1881	.....	87
1255	1		1881	.....	24 36
1255	1		1882	.....	22 22
1255	1		1883	.....	45 23
1255	1		1885	.....	47 40
1255	1		1886	.....	45 23
1255	1	Bulkhead, H. R.	1887	.....	1 08
1255	1		1887	.....	1 62
1255	1		1887	.....	40 16
1255	1		1884	.....	89 67
1255	1		1884	.....	44 44
1255	1		1885	.....	95 64
1255	1		1886	.....	91 26
1255	1		1887	.....	86 08
1225	1		1888	.....	88 47
1255	1		1888	.....	43 85
1255	1		1889	.....	77 71
1255	1		1889	.....	97
1255	1		1889	.....	1 45
1255	1		1889	.....	36 10
1255	1		1890	.....	117 71
1255	1		1891	.....	113 53
1255	1		1892	.....	110 54
1255	1		1894	.....	106 96
1255	1		1895	.....	114 13
1255	1		1896	.....	255 73
1255	1		1897	.....	250 95
1255	1		1898	.....	440 80
1255	1		1899	446 47	.....
1255	1		1899	654 82	.....
1255	1		1900	404 58	.....
1255	1		1900	593 40	.....
1255	1		1900	5 62	.....
1255	1		1900	129 24	.....
1255	1		1900	269 72	.....
1255	1		1901	417 11	.....
1255	1		1901	614 09	.....
1255	1		1901	11 58	.....
1255	1		1901	139 03	.....
1255	1		1901	278 07	.....
1255	1		1901	278 07	.....
1255	1		1902	409 21	.....
1255	1		1902	602 46	.....
1255	1		1902	11 36	.....
1255	1		1902	136 40	.....
1255	1		1902	272 81	.....
1255	1		1902	272 81	.....
1255	1		1903	339 28	.....
1255	1		1903	494 78	.....
1255	1		1903	9 89	.....
1255	1		1903	113 09	.....
1255	1		1903	226 18	.....
1255	1		1903	226 18	.....
1255	1		1904	529 69	.....
1255	1		1904	529 69	.....
1255	1		1904	10 59	.....
1255	1		1904	151 34	.....
1255	1		1904	302 68	.....
1255	1		1904	302 68	.....
1255	1		1893	.....	108 75
1256	1	Bulkhead, Hudson River	1876	.....	14 00
1256	1		1876	.....	13 80
1256	1		1877	.....	10 60
1256	1		1877	.....	10 40
1256	1		1877	.....	5 30
1256	1		1877	.....	31 80
1256	1		1878	.....	10 20
1256	1		1878	.....	10 00
1256	1		1878	.....	5 10
1256	1		1878	.....	28 05
1256	1		1879	.....	10 32
1256	1		1879	.....	10 12
1256	1		1879	.....	5 16
1256	1		1879	.....	28 38
1256	1		1880	.....	26 56
1256	1		1880	.....	21 30
1256	1		1880	.....	12 65
1256	1		1880	.....	15 18
1256	1		1881	.....	27 51
1256	1		1881	.....	22 07
1256	1		1881	.....	13 10
1256	1		1881	.....	15 72
1256	1		1882	.....	23 62
1256	1		1882	.....	18 92
1256	1		1882	.....	11 25
1256	1		1882	.....	13 50
1256	1		1883	.....	24 04
1256	1		1883	.....	19 26
1256	1		1883	.....	11 45
1256	1		1883	.....	2 86
1256	1		1883	.....	2 86
1256	1		1883	.....	2 51
1256	1		1883	.....	13 74
1256	1		1883	.....	1 94
1256	1		1883	.....	2 86
1256	1		1883	.....	2 86
1256	1		1883	.....	2 86
1256	1		1883	.....	2 86
1256	1		1883	.....	2 86
1256	1		1884	.....	23 62
1256	1		1884	.....	18 92
1256	1		1884	.....	11 25
1256	1		1884	.....	2 81
1256	1		1884	.....	2 81
1256	1	Bulkhead, Hudson River	1884	.....	2 47
1256	1		1884	.....	13 50
1256	1		1884	.....	1 91
1256	1		1884	.....	2 81
1256	1		1884	.....	2 81
1256	1		1884	.....	2 81
1256	1		1884	.....	2 81
1256	1		1884	.....	2 81
1256	1		1885	.....	25 20
1256	1		1885	.....	20 20
1256	1		1885	.....	12 00
1256	1		1885	.....	3 00
1256	1		1885	.....	3 00
1256	1		1885	.....	2 64
1256	1		1885	.....	14 40
1256	1		1885	.....	2 04
1256	1		1885	.....	3 00
1256	1		1885	.....	3 00
1256	1		1885	.....	3 00
1256	1		1885	.....	3 00
1256	1		1885	.....	3 00
1256	1		1886	.....	19 26
1256	1		1886	.....	11 45
1256	1		1886	.....	2 86
1256	1		1886	.....	2 86
1256	1		1886	.....	2 51
1256	1		1886	.....	13 74
1256	1		1886	.....	1 94
1256	1		1886	.....	24 04
1256	1		1886	.....	2 86
1256	1		1886	.....	2 86
1256	1		1886	.....	2 86
1256	1		1886	.....	2 86
1256	1		1886	.....	2 86
1256	1		1889	.....	17 35
1256	1		1887	.....	23 76
1256	1		1887	.....	19 24
1256	1		[redacted]	.....	3 33
1256	1		1888	.....	3 33
1256	1		1888	.....	2 22
1256	1		1888	.....	13 32
1256	1		1888	.....	2 22
1256	1		1888	.....	2 77
1256	1		1888	.....	2 77
1256	1		1888	.....	2 77
1256	1		1888	.....	2 77
1256	1		1888	.....	2 77
1256	1		1889	.....	1 95
1256	1		1887	.....	10 80
1256	1		1887	.....	3 24
1256	1		1887	.....	3 24
1256	1		1887	.....	2 16
1256	1		1887	.....	12 96
1256	1		1887	.....	2 16
1256	1		1887	.....	2 70
1256	1		1887	.....	2 70
1256	1		1887	.....	2 70
1256	1		1887	.....	2 70
1256	1		1888	.....	24 42
1256	1		1888	.....	19 78
1256	1		1888	.....	11 10
1256	1		1889	.....	2 92
1256	1		1889	.....	2 92
1256	1		1889	.....	2 92
1256	1		1889	.....	2 92
1256	1		1889	.....	2 92
1256	1		1889	.....	21 45
1256	1		1889	.....	9 75
1256	1		1889	.....	2 92
1256	1		1889	.....	2 92
1256	1		1889	.....	1 95
1256	1		1889	.....	11 70
1256	1		1890	.....	21 67
1256	1		1890	.....	17 53
1256	1		1890	.....	9 85
1256	1		1890	.....	3 94
1256	1		1890	.....	3 94
1256	1		1890	.....	3 94
1256	1		1890	.....	11 82
1256	1		1890	.....	1 97
1256	1		1890	.....	14 75
1256	1		1891	.....	20 90
1256	1		1891	.....	16 90
1256	1		1891	.....	9 50
1256	1		1891	.....	3 80
1256	1		1891	.....	3 80
1256	1		1891	.....	3 80
1256	1		1891	.....	11 40
1256	1		1891	.....	1 90
1256	1		1891	.....	19 00
1256	1		1892	.....	20 35
1256	1		1892	.....	16 47
1256	1		1892	.....	9 25
1256	1		1892	.....	11 10
1256	1		1892	.....	11 10
1256	1		1892	.....	1 85
1256	1		1892	.....	18 50
1256	1		1893	.....	36 40
1256	1		1893	.....	27 10
1256	1		1893	.....	145 60
1256	1		1893	.....	27 30
1256	1		1893	.....	21 84
1256	1		1893	.....	40 04
1256	1		1894	.....	35 80
1256	1		1894	.....	26 65
1256	1		1894	.....	143 20
1256	1		1894	.....	26 85
1256	1		1894	.....	21 48
1256	1		1894	.....	3 58
1256	1		1894	.....	35 80
1256	1		1895	.....	38 20
1256	1		1895	.....	28 45
1256	1		1895	.....	152 80
1256	1		1895	.....	22 92
1256	1		1895	.....	9 55
1256	1		1895	.....	9 55
1256	1		1895	.....	9 55
1256	1		1895	.....	38 20
1256	1		1896	.....	4 28

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1256	1	Bulkhead, Hudson River	1896	.....	254 66
1256	1		1896	.....	196 88
1256	1		1896	.....	32 10
1256	1		1896	.....	42 80
1256	1		1897	.....	249 90
1256	1		1897	.....	193 20
1256	1		1897	.....	31 50
1256	1		1897	.....	42 00
1256	1		1897	.....	4 20
1256	1		1898	.....	580 89
1256	1		1898	.....	291 45
1256	1		1898	.....	22 11
1256	1		1898	.....	24 12
1256	1		1898	.....	52 26
1256	1		1898	.....	96 48
1256	1		1898	.....	20 10
1256	1		1899	865 66	.....
1256	1		1899	434 07	.....
1256	1		1899	34 72	.....
1256	1		1899	37 20	.....
1256	1		1899	39 68	.....
1256	1		1899	39 68	.....
1256	1		1899	37 20	.....
1256	1		1899	37 20	.....
1256	1		1899	37 20	.....
1256	1		1899	29 76	.....
1256	1		1900	784 45	.....
1256	1		1900	393 34	.....
1256	1		1900	31 46	.....
1256	1		1900	33 71	.....
1256	1		1900	35 96	.....
1256	1		1900	35 96	.....
1256	1		1900	33 71	.....
1256	1		1900	33 71	.....
1256	1		1900	33 71	.....
1256	1		1900	33 71	.....
1256	1		1900	26 97	.....
1256	1		1901	278 07	.....
1256	1		1901	811 06	.....
1256	1		1901	278 07	.....
1256	1		1901	278 07	.....
1256	1		1901	139 03	.....
1256	1		1901	405 53	.....
1256	1		1901	32 44	.....
1256	1		1901	34 75	.....
1256	1		1903	678 56	.....
1256	1		1903	226 18	.....
1256	1		1903	226 18	.....
1256	1		1903	113 09	.....
1256	1		1903	325 14	.....
1256	1		1903	26 85	.....
1256	1		1903	28 27	.....
1256	1		1903	32 51	.....
1256	1		1903	29 68	.....
1256	1		1903	113 08	.....
1256	1		1903	22 61	.....
1256	1		1903	33 92	.....
1256	1		1903	28 27	.....
1256	1		1903	141 36	.....
1256	1		1903	1,130 93	.....
1256	1		1904	302 68	.....
1256	1		1904	756 71	.....
1256	1		1904	605 36	.....
1256	1		1904	151 34	.....
1256	1		1904	378 35	.....
1256	1		1904	113 49	.....
1256	1		1904	189 15	.....
1256	1		1904	30 26	.....
1256	1		1904	45 40	.....
1256	1		1901	37 07	.....
1256	1		1901	37 07	.....
1256	1		1901	139 00	.....
1256	1		1901	27 80	.....
1256	1		1901	41 71	.....
1256	1		1901	34 75	.....
1256	1		1901	139 03	.....
1256	1		1901	1,390 39	.....
1256	1		1902	272 81	.....
1256	1		1902	795 70	.....
1256	1		1902	545 62	.....
1256	1		1902	136 40	.....
1256	1		1902	397 85	.....
1256	1		1902	31 82	.....
1256	1		1902	34 10	.....
1256	1		1902	36 37	.....
1256	1		1902	136 40	.....
1256	1		1902	1,364 06	.....
1256	1		1902	36 37	.....
1256	1		1902	136 40	.....
1256	1		1902	27 28	.....
1256	1		1902	40 92	.....
1256	1		1902	34 10	.....
1256	1		1903	226 18	.....
1256	1		1904	37 83	.....
1256	1		1904	227 01	.....
1256	1		1904	1,210 73	.....
1257	2	Bryant Park	1842	.....	1 47
1257	2		1847	.....	58
1257	2		1848	.....	61
		Section 5.			
1259	18	Fire Department	1895	.....	248 30
1274	34	Park	1869	.....	102 15
1274	34		1869	.....	102 15
1274	34		1869	.....	272 40
1274	34		1869	.....	204 30
1274	34		1869	.....	204 30
1274	34		1869	.....	204 30
1294	37	Hall of Board of Education	1890	.....	197 00
1294	37		1890	.....	197 00
1294	37		1890	.....	197 00
1294	37		1890	.....	295 50
1294	37		1890	.....	197 00
1312	28	Police Department	1861	.....	12 68
1312	28		1861	.....	12 68
1312	28		1861	.....	12 68
1312	28		1861	.....	12 68
1313	10	Library, 58th st. Carnegie site	1904	264 84	.....
1313	10		1904	771 84	.....
1315	44	Public School 27	1903	141 36	.....
1315	44		1903	134 29	.....
1315	44		1903	127 23	.....
1315	44		1905	201 21	.....
1315	44		1905	223 57	.....
1315	44		1905	111 78	.....
1315	44		1905	208 67	.....
1315	44		1905	171 40	.....
1315	44		1905	372 62	.....
1315	44		1905	372 62	.....
1320	7	Public School 73	1880	.....	157 60
1320	7		1880	.....	75 90
1320	7		1880	.....	75 90
1320	7		1880	.....	75 90
1320	7		1901	150 62	.....
1330	33	Public School 59	1870	.....	56 25
1330	33		1871	.....	43 41
1330	33		1871	.....	43 41
1330	33		1871	.....	43 41
1330	33		1871	.....	43 41
1330	33		1868	.....	31 92
1330	33		1903	183 77	.....
1330	33		1903	183 77	.....
1330	33		1906	621 13	.....
1344	23	Public School 135	1903	184 48	.....
1364	24	Bulkhead, foot of E. 52d st	1893	.....	36 40
1364	24		1894	.....	44 75
1373	20	Mill Rocks Island, East River	1887	.....	216 00
1373	20		1888	.....	222 00
1373	20		1889	.....	195 00
1373	20		1890	.....	197 00
1373	20		1891	.....	285 00
1373	20		1892	.....	277 50
1373	20		1893	.....	273 00
1373	20		1894	.....	268 50
1373	20		1911	172 24	.....
1417	35	Public School 74	1880	.....	799 04
1417	35		1880	.....	50 60
1417	35		1880	.....	50 60
1430	5	Public School 70	1889	.....	214 50
1430	5		1898	.....	572 85
1430	5		1899	942 50	.....
1430	10	Engine Co. 44	1880	.....	40 48
1430	10		1882	.....	135 00
1441	38	Public Library, 67th st branch, Carnegie Site 16	1902	79 57	.....
			1902	79 57	.....
1441	38				
1445	23	Public School 82	1881	.....	65 50
1445	23		1881	.....	52 40
1445	23		1881	.....	52 40
1445	23		1881	.....	52 40
1445	23		1882	.....	67 50
1445	23		1882	.....	56 25
1445	23		1882	.....	56 25
1445	23		1882	.....	56 25
1445	23		1883	.....	68 70
1445	23		1883	.....	57 25
1445	23		1883	.....	57 25
1445	23		1883	.....	57 25
1454	1	Blackwells Island Bridge	1902	159 14	.....
1454	1		1903	141 36	.....
1454	1		1904	1,740 43	.....
1454	1		1902	159 14	.....
1454	1		1902	136 40	.....
1454	1		1902	79 57	.....
1454	1		1902	56 83	.....
1454	1		1902	272 80	.....
1454	1		1902	375 11	.....
1454	1		1902	409 21	.....
1454	1		1902	68 20	.....
1454	1		1902	159 14	.....
1454	1		1903	141 36	.....
1454	1		1903	226 18	.....
1454	1		1903	141 36	.....
1454	1		1903	113 09	.....
1454	1		1903	282 72	.....
1454	1		1903	339 28	.....
1454	1		1903	353 41	.....
1454	1		1903	98 95	.....
1454	1		1903	169 64	.....
1454	1		1905	670 71	.....
1454	1		1905	163 95	.....
1454	1		1905	193 76	.....
1454	1		1905	283 19	.....
1454	1		1905	134 14	.....
1454	1		1905	357 72	.....
1454	1		1905	193 76	.....
1954	1		1905	178 86	.....
1454	1		1905	208 67	.....
1454	1		1905	223 57	.....
1454	1		1905	119 24	.....
1454	1		1905	357 72	.....
1454	4 now 1	Blackwells Island Bridge	1906	162 67	.....
1461	7	Public School 158	1878	.....	02
1461	7		1899	446 46	.....
1461	7		1899	446 46	.....
1472	28	Public Library, 1465 Avenue A	1905	96 98	.....
1472	28		1905	96 98	.....
1474	1	Bulkhead foot of E. 59th st	1895	.....	19 10
1474	3	Bulkhead between 59th and 60th sts	1895	.....	26 74
1474	3		1896	.....	29 96
1474	3		1895	.....	3 82
1474	3		1896	.....	4 28
1474	3		1895	.....	53 48
1474	3		1896	.....	59 92
1474	3		1896	.....	21 40
1474	8	Bridge, pier, etc., foot East 62d st	1902	204 60	.....
1474	8		1903	706 83	.....
1474	8		1904	756 71	.....
1474	8		1905	1,490 51	.....
1474	8		1902	1,273 12	.....
1474	8		1902	227 34	.....
1474	21	Storage yard, Department of Highways, 61st st. and Avenue A	1896	.....	363 80
			1898	.....	341 70
1474	21		1899	421 66	.....
1474	21		1900	382 11	.....
1474	21		1901	393 94	.....
1474	21		1902	386 48	.....
1474	21		1897	.....	357 00

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1474	30	Bulkhead foot of East 61st st.....	1859	.....	16 35
1474	30		1860	.....	15 65
1474	30		1861	.....	19 51
1474	30		1862	.....	16 81
1474	30		1863	.....	20 35
1474	30		1876	.....	70 00
1474	30		1877	.....	66 25
1474	30		1878	.....	63 75
1474	30		1879	.....	64 50
1474	30		1880	.....	63 25
1474	30		1881	.....	65 50
1474	30		1882	.....	67 50
1474	30		1883	.....	68 70
1474	30		1884	.....	67 50
1474	30		1885	.....	96 00
1474	30		1886	.....	114 50
1474	30		1887	.....	108 00
1474	40	Water front, 61st to 62d sts., East River	1876	.....	11 55
1474	40		1876	.....	13 65
1474	40		1877	.....	24 85
1474	40		1877	.....	10 92
1474	40		1877	.....	10 92
1474	40		1877	.....	10 92
1474	40		1877	.....	12 92
1474	40		1878	.....	23 90
1474	40		1878	.....	10 52
1474	40		1878	.....	10 52
1474	40		1878	.....	10 52
1474	40		1878	.....	12 40
1474	40		1879	.....	24 18
1474	40		1879	.....	10 64
1474	40		1879	.....	10 64
1474	40		1879	.....	10 64
1474	40		1879	.....	12 57
1474	40		1880	.....	23 72
1474	40		1880	.....	10 43
1474	40		1880	.....	10 43
1474	40		1880	.....	10 43
1474	40		1880	.....	12 34
1474	40		1881	.....	24 56
1474	40		1881	.....	10 81
1474	40		1881	.....	10 81
1474	40		1881	.....	10 81
1474	40		1881	.....	12 76
1474	40		1882	.....	33 75
1474	40		1882	.....	10 13
1474	40		1882	.....	10 13
1474	40		1882	.....	10 13
1474	40		1882	.....	12 65
1474	40		1883	.....	34 35
1474	40		1883	.....	10 61
1474	40		1883	.....	10 61
1474	40		1883	.....	10 61
1474	40		1883	.....	13 25
1474	40		1884	.....	33 75
1474	40		1884	.....	10 13
1474	40		1884	.....	10 13
1474	40		1884	.....	10 13
1474	40		1884	.....	16 86
1474	40		1885	.....	45 00
1474	40		1885	.....	13 50
1474	40		1885	.....	13 50
1474	40		1885	.....	13 50
1474	40		1885	.....	22 50
1474	40		1886	.....	60 10
1474	40		1886	.....	21 47
1474	40		1886	.....	21 47
1474	40		1886	.....	21 47
1474	40		1875	.....	13 27
1474	40		1875	.....	12 13
1474	40		1875	.....	12 13
1474	40		1875	.....	12 13
1474	40		1875	.....	14 32
1474	40		1876	.....	26 25
1474	40		1876	.....	11 55
1474	40		1876	.....	11 55
1474	40		1886	.....	34 35
1474	40		1887	.....	56 70
1474	40		1887	.....	20 25
1474	40		1887	.....	20 25
1474	40		1887	.....	20 25
1474	40		1887	.....	32 40
1474	40		1888	.....	66 60
1474	40		1888	.....	20 79
1474	40		1888	.....	20 79
1474	40		1888	.....	20 79
1474	40		1888	.....	33 30
1474	40		1889	.....	58 50
1474	40		1889	.....	18 27
1474	40		1889	.....	18 27
1474	40		1889	.....	18 27
1474	40		1889	.....	29 25
1474	40		1890	.....	81 24
1474	40		1890	.....	22 15
1474	40		1890	.....	22 15
1474	40		1890	.....	22 15
1474	40		1890	.....	36 95
1474	40		1891	.....	78 36
1474	40		1891	.....	21 36
1474	40		1891	.....	21 36
1474	40		1891	.....	21 36
1474	40		1891	.....	35 65
1474	40		1892	.....	111 00
1474	40		1892	.....	20 35
1474	40		1892	.....	27 75
1474	40		1892	.....	33 30
1474	40		1892	.....	9 25
1474	40		1892	.....	27 75
1474	40		1901	243 32	.....
1474	40		1902	238 71	.....
1474	40		1904	283 76	.....
1474	40		1905	279 47	.....
1474	40		1893	.....	109 20
1474	40		1893	.....	20 02
1474	40		1893	.....	27 30
1474	40		1893	.....	32 76
1474	40		1893	.....	9 10
1474	40		1893	.....	27 30
1474	40		1894	.....	107 40
1474	40	Water front, 61st to 62d sts., East River.	1894	.....	19 69
1474	40		1894	.....	26 85
1474	40		1894	.....	32 22
1474	40		1894	.....	8 95
1474	40		1894	.....	26 85
1474	40		1895	.....	200 55
1474	40		1896	.....	224 70
1474	40		1897	.....	220 50
1474	40		1898	.....	211 05
1474	40		1899	260 44	.....
1474	40		1900	236 00	.....
1474	40		1903	183 77	.....
1475	5	Bulkhead, 62d st. and East River.....	1886	.....	162 49
1575	5		1887	.....	172 70
1475	5		1892	.....	147 90
1475	5		1893	.....	145 50
1475	5		1895	.....	114 60
1475	5		1896	.....	128 40
1475	5		1897	.....	126 00
1475	5		1898	.....	120 60
1475	5		1899	148 82	.....
1475	5		1900	134 86	.....
1475	5		1901	139 03	.....
1475	5		1902	136 40	.....
1475	5		1903	127 23	.....
1475	5		1904	136 20	.....
1475	5		1905	134 14	.....
1475	5		1888	.....	177 50
1475	5		1889	.....	155 90
1475	5		1890	.....	157 50
1475	5		1891	.....	151 90
1475	5	Bulkhead, foot 62d st., East River....	1894	.....	161 00
1475	5		1906	177 46	.....
1475	5		1908	193 68	.....
1475	5		1907	178 19	.....
1475	5		1909	201 36	.....
1485	18	Bulkhead, Exterior St., 73d and 74th sts.	1906	44 36	.....
1485	18		1906	44 36	.....
1485	18		1906	44 36	.....
1485	18		1906	44 36	.....
1485	18		1906	177 46	.....
1485	18		1906	44 36	.....
1485	18		1906	44 36	.....
1485	18		1906	44 36	.....
1485	18		1906	44 36	.....
1485	18		1906	44 36	.....
1485	18		1906	51 76	.....
1485	18		1906	17 74	.....
1485	18		1906	26 62	.....
1485	18		1906	118 31	.....
1485	18		1906	17 74	.....
1485	18		1906	26 62	.....
1485	18		1906	17 74	.....
1485	18		1906	26 62	.....
1485	18		1906	14 78	.....
1485	18		1906	29 57	.....
1485	18		1906	13 31	.....
1485	18		1906	31 05	.....
1485	18		1906	11 83	.....
1485	18		1906	32 53	.....
1488	15	Bath, East 76th st.....	1904	52 96	.....
1488	15		1904	52 96	.....
1488	17	John Jay Park.....	1903	42 41	.....
1488	17		1902	122 76	.....
1488	17		1902	136 40	.....
1488	17		1902	28 41	.....
1488	17		1902	272 76	.....
1488	17		1903	212 05	.....
1488	17		1903	21 20	.....
1488	17		1903	63 61	.....
1488	17		1903	84 82	.....
1488	17		1903	254 46	.....
1488	17		1903	141 36	.....
1488	17		1903	28 27	.....
1488	17		1903	254 46	.....
1489	1	Public School 158.....	1905	52 16	.....
1489	1		1905	52 16	.....
1489	1		1905	52 16	.....
1489	1		1905	52 16	.....
1489	17	John Jay Park.....	1902	272 76	.....
1489	17		1903	42 41	.....
1489	17		1902	125 03	.....
1489	17		1902	68 20	.....
1489	17		1902	245 52	.....
1489	17		1902	204 60	.....
1489	17		1902	90 92	.....
1489	17		1902	113 66	.....
1489	17		1902	90 92	.....
1489	17		1903	212 05	.....
1489	17		1903	106 02	.....
1489	17		1903	63 61	.....
1489	17		1903	254 46	.....
1489	17		1903	212 05	.....
1489	17		1903	84 82	.....
1489	17		1903	98 94	.....
1489	17		1903	84 82	.....
1497	21	Public School 6.....	1890	.....	98 50
1497	21		1890	.....	118 20
1497	21		1890	.....	118 20
1497	21		1890	.....	118 20
1497	21		1890	.....	118 20
1497	21		1890	.....	118 20
1497	21		1890	.....	118 20
1514	27	Engine 22	1862	.....	11 77
1516	7	Public School 37.....	1898	.....	321 60
1516	7		1883	.....	80 15
1516	7		1883	.....	80 15
1524	64	Library	1904	363 22	.....
1525	5	Public School 53.....	1906	73 94	.....
1533	32	Public School 30.....	1894	.....	62 65
1533	32		1894	.....	232 70
1533	32		1894	.....	62 65
1533	32		1894	.....	62 65
1533	32		1894	.....	62 65
1533	32		1894	.....	62 65
1533	32		1894	.....	62 65
1545	5	Public School 190.....	1901	370 76	.....
1545	5		1901	243 30	.....
1545	5		1901	92 69	.....
1545	5		1901	92 69	.....
1558	34	Public School 150.....	1903	56 54	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1558	34	Public School 150	1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1558	34		1903	56 54	.....
1565	1	Public School 77	1883	.....	80 15
1565	1		1883	.....	57 25
1565	1		1883	.....	57 25
1565	1		1883	.....	57 25
1565	1		1883	.....	57 25
1565	1		1883	.....	206 10
1565	1		1883	.....	80 15
1567	13	Police Department	1871	.....	17 36
1567	13		1871	.....	17 36
1567	13		1872	.....	29 01
1567	13		1872	.....	29 01
1567	13		1873	.....	25 00
1567	13		1873	.....	25 00
1567	35		1871	.....	17 36
1567	35		1871	.....	17 36
1567	35		1872	.....	29 01
1567	35		1872	.....	29 01
1568	8	Public School 66	1906	110 91	.....
1568	8		1906	110 91	.....
1568	8		1906	110 91	.....
1568	8		1906	110 91	.....
1568	8		1906	73 94	.....
1568	8		1906	73 94	.....
1568	8		1906	59 15	.....
1568	8		1906	207 04	.....
1568	8		1906	207 04	.....
1568	8		1907	89 09	.....
1568	8		1907	89 09	.....
1568	8		1907	89 09	.....
1568	8		1907	89 09	.....
1568	8		1907	66 82	.....
1568	8		1907	66 82	.....
1568	8		1907	66 82	.....
1568	8		1907	118 79	.....
1568	8		1907	118 79	.....
1573	26	Exterior street	1896	.....	10 70
1573	26		1896	.....	21 40
1573	26		1896	.....	32 10
1573	26		1896	.....	42 80
1573	26		1896	.....	171 20
1574	16	Marginal street	1905	1,088 07	.....
1577	23	Highway Department	1907	96 52	.....
1577	23		1907	96 52	.....
1577	23		1907	163 34	.....
1577	23		1907	118 79	.....
1577	23		1907	118 79	.....
1577	23		1907	118 79	.....
1578	1	Public School 96	1906	458 45	.....
1586	28	Bulkhead	1880	.....	21 69
1586	28		1881	.....	22 46
1586	28		1882	.....	19 28
1586	28		1883	.....	19 63
1586	28		1884	.....	32 14
1587	1	Vacant property	1905	2,079 26	.....
1587	27		1904	1 51	.....
1587	27		1904	6 05	.....
1587	27		1904	10 59	.....
1587	27		1904	12 10	.....
1587	27		1904	12 10	.....
1587	27		1904	14 37	.....
1587	27		1904	3 03	.....
1587	27		1904	0 76	.....
1587	27		1904	19 67	.....
1587	27		1905	219 10	.....
1588	5	Bulkhead	1894	.....	358 00
1588	5		1895	.....	525 25
1588	5		1896	.....	599 20
1588	5		1897	.....	588 00
1588	5		1898	.....	562 80
1588	5		1899	694 51	.....
1588	5		1900	629 35	.....
1588	5		1901	648 85	.....
1588	5		1902	636 56	.....
1588	5		1903	565 46	.....
1588	5		1904	605 36	.....
1588	5		1905	596 20	.....
1588	5		1893	.....	72 80
1588	5		1893	.....	291 20
1588	5		1894	.....	179 00
1588	5		1906	591 56	.....
1588	5		1907	593 99	.....
1588	5		1908	645 62	.....
1588	5		1909	671 21	.....
1588	23	Ferry slip and bulkhead	1882	.....	203 62
1588	23		1883	.....	207 25
1588	23		1884	.....	304 88
1588	23		1885	.....	325 20
1588	23		1886	.....	414 49
1588	23		1887	.....	488 16
1588	23		1888	.....	601 62
1588	23		1889	.....	563 55
1588	23		1890	.....	569 33
1588	23		1891	.....	549 10
1588	23		1892	.....	585 52
1588	23		1893	.....	576 03
1588	23		1894	.....	647 98
1588	23		1895	.....	691 42
1588	23		1896	.....	967 28
1588	23		1897	.....	949 20
1588	23		1898	.....	908 52
1588	23		1899	1,346 86	.....
1588	23		1900	1,220 50	.....
1588	23		1901	1,258 30	.....
1588	23		1902	1,239 02	.....
1588	23		1903	1,060 25	.....
1588	23		1904	1,135 06	.....
1588	23		1898	.....	96 48
1588	23		1899	141 38	.....
1588	23		1900	128 12	.....
1588	23		1901	132 09	.....
1588	23	Ferry slip and bulkhead	1902	125 03	.....
1588	23		1903	113 09	.....
1588	23		1904	121 07	.....
1588	23		1905	119 24	.....
1588	23		1906	118 31	.....
1588	23		1907	118 79	.....
1588	23		1905	1,117 88	.....
1588	23		1906	1,109 17	.....
1588	23		1907	1,113 74	.....
1588	23		1908	1,210 55	.....
1588	23		1908	129 12	.....
1588	23		1909	1,258 53	.....
1588	23		1909	134 24	.....
1588	23		1882	.....	21 38
1588	23		1883	.....	21 75
1588	23		1884	.....	32 62
1588	23		1885	.....	34 80
1588	23		1886	.....	43 51
1588	23		1887	.....	51 84
1588	23		1888	.....	64 38
1588	23		1889	.....	60 45
1588	23		1890	.....	61 07
1588	23		1891	.....	58 90
1588	23		1892	.....	61 98
1588	23		1893	.....	60 97
1588	23		1894	.....	68 02
1588	23		1895	.....	72 58
1588	23		1896	.....	102 72
1588	23		1897	.....	100 80
1589	15	Bulkhead, E. R.	1882	.....	11 25
1589	15		1882	.....	11 25
1589	15		1882	.....	11 25
1589	15		1882	.....	11 25
1589	15		1883	.....	11 45
1589	15		1883	.....	11 45
1589	15		1883	.....	11 45
1589	15		1883	.....	11 45
1590	24	Bulkhead, E. R.	1890	.....	9 85
1590	24		1894	.....	35 80
1590	53	Vacant land	1898	.....	30 15
1590	53		1899	49 60	.....
1590	53		1901	46 34	.....
1590	53		1902	45 46	.....
1590	53		1903	42 41	.....
1590	53		1904	45 40	.....
1590	53		1905	44 71	.....
1590	53		1908	48 42	.....
1590	53		1909	50 34	.....
1590	53		1910	52 73	.....
1590	53		1900	44 95	.....
1590	53		1906	44 36	.....
1590	53		1907	44 54	.....
1591	1	Carl Schurz Park	1871	.....	108 53
1591	1		1873	.....	18 75
1591	1		1873	.....	125 00
1591	1		1874	.....	21 00
1591	1		1874	.....	168 00
1591	1		1875	.....	23 52
1591	1		1875	.....	176 40
1591	1		1872	.....	145 08
1592	1		1880	.....	139 15
1592	1		1880	.....	25 30
1592	1		1880	.....	16 26
1592	1		1880	.....	21 69
1592	1		1881	.....	144 10
1592	1		1881	.....	26 20
1592	1		1882	.....	123 75
1592	1		1882	.....	22 50
1592	1		1882	.....	12 05
1592	1		1883	.....	125 95
1592	1		1883	.....	22 90
1592	1		1883	.....	12 27
1592	1		1884	.....	154 68
1592	1		1884	.....	45 00
1592	1		1884	.....	24 11
1592	1		1885	.....	144 00
1592	1		1885	.....	72 00
1592	1		1885	.....	36 00
1592	1		1885	.....	48 00
1592	1		1886	.....	137 40
1592	1		1886	.....	68 70
1592	1		1886	.....	34 35
1592	1		1886	.....	45 80
1592	1		1887	.....	75 60
1592	1		1887	.....	43 20
1592	1		1888	.....	77 70
1592	1		1888	.....	44 40
1592	1		1889	.....	117 00
1592	1		1889	.....	39 00
1592	1		1889	.....	68 25
1592	1		1890	.....	118 20
1592	1		1890	.....	68 95
1592	1		1890	.....	39 40
1592	1		1890	.....	29 55
1592	1		1890	.....	39 40
1592	1		1890	.....	49 25
1592	1		1891	.....	142 50
1592	1		1891	.....	250 80
1592	1		1891	.....	456 00
1592	1		1891	.....	114 00
1592	1		1891	.....	66 50
1592	1		1891	.....	114 00
1592	1		1891	.....	47 50
1592	1		1891	.....	171 00
1592	1		1891	.....	51 30
1592	1		1891	.....	125 40
1592	1		1891	.....	43 70
1592	1		1891	.....	273 60
1592	1		1891	.....	43 70
1592	1		1891	.....	152 00
1592	1		1891	.....	28 50
1592	1		1891	.....	102 60
1592	1		1891	.....	39 90
1592	1		1891	.....	171 00
1592	1		1891	.....	38 00
1592	1		1891	.....	114 00
1592	1		1891	.....	102 60
1592	1		1891	.....	60 80
1592	1		1891	.....	26 60
1592	1		1891	.....	313 50

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1592	1	Carl Schurz Park	1891	.....	28 50
1592	1		1891	.....	437 00
1592	1		1891	.....	148 20
1592	1		1891	.....	85 50
1592	1		1891	.....	15 20
1592	1		1891	.....	22 80
1592	1		1891	.....	190 00
1592	1		1891	.....	38 00
1592	1		1891	.....	47 50
		Section 6.			
1593	10	Wards Island	1866	.....	46 00
1593	10		1867	.....	66 75
1593	10		1868	.....	79 80
1593	10		1868	.....	66 50
1593	10		1868	.....	66 50
1593	10		1868	.....	66 50
1593	10		1868	.....	66 50
1593	10		1868	.....	66 50
1593	10		1869	.....	56 75
1593	10		1869	.....	56 75
1593	10		1869	.....	56 75
1593	10		1869	.....	56 75
1593	10		1869	.....	56 75
1593	10		1870	.....	63 00
1593	10		1870	.....	63 00
1593	10		1870	.....	63 00
1593	10		1870	.....	63 00
1593	10		1870	.....	63 00
1593	10		1871	.....	60 77
1593	10		1872	.....	81 24
1593	10		1872	.....	81 24
1593	10		1872	.....	81 24
1593	10		1872	.....	81 24
1593	10		1872	.....	81 24
1593	10		1873	.....	70 00
1593	10		1873	.....	70 00
1593	10		1873	.....	70 00
1593	10		1873	.....	70 00
1593	10		1873	.....	70 00
1593	10		1873	.....	42 50
1593	10		1873	.....	42 50
1593	10		1874	.....	78 40
1593	10		1874	.....	78 40
1593	10		1874	.....	78 40
1593	10		1874	.....	78 40
1593	10		1874	.....	78 40
1593	10		1874	.....	47 60
1593	10		1874	.....	47 60
1593	10		1875	.....	82 32
1593	10		1875	.....	82 32
1593	10		1875	.....	82 32
1593	10		1875	.....	82 32
1593	10		1875	.....	82 32
1593	10		1875	.....	49 98
1593	10		1875	.....	49 98
1593	10		1876	.....	78 40
1593	10		1876	.....	78 40
1593	10		1876	.....	78 40
1593	10		1876	.....	78 40
1593	10		1876	.....	78 40
1593	10		1876	.....	47 60
1593	10		1876	.....	47 60
1593	10		1877	.....	74 20
1593	10		1877	.....	296 80
1593	10		1877	.....	90 10
1593	10		1878	.....	71 40
1593	10		1878	.....	71 40
1593	10		1878	.....	71 40
1593	10		1878	.....	71 40
1593	10		1878	.....	71 40
1593	10		1878	.....	43 35
1593	10		1878	.....	43 35
1593	10		1879	.....	72 24
1593	10		1879	.....	43 86
1593	10		1880	.....	70 84
1593	10		1880	.....	43 01
1593	10		1881	.....	73 36
1593	10		1881	.....	44 54
1593	10		1882	.....	63 00
1593	10		1882	.....	38 25
1593	10		1883	.....	64 12
1593	10		1883	.....	64 12
1593	10		1883	.....	38 93
1593	10		1884	.....	63 00
1593	10		1884	.....	63 00
1593	10		1884	.....	38 25
1593	10		1885	.....	67 20
1593	10		1885	.....	67 20
1593	10		1885	.....	40 80
1593	10		1886	.....	64 12
1593	10		1886	.....	64 12
1593	10		1886	.....	38 93
1593	10		1887	.....	60 48
1593	10		1887	.....	60 48
1593	10		1887	.....	36 72
1593	10		1888	.....	62 16
1593	10		1888	.....	62 16
1593	10		1888	.....	37 74
1593	10		1889	.....	54 60
1593	10		1889	.....	62 40
1593	10		1889	.....	33 15
1593	10		1890	.....	55 16
1593	10		1890	.....	63 04
1593	10		1890	.....	33 49
1593	87	Wards Island	1879	.....	14 96
1593	87		1880	.....	14 67
1593	87		1881	.....	15 72
1593	87		1882	.....	13 50
1593	87		1883	.....	13 74
1593	87		1884	.....	13 50
1593	87		1885	.....	14 40
1593	87		1886	.....	13 74
1593	87		1887	.....	12 96
1593	87		1888	.....	13 32
1593	92		1879	.....	29 67
1593	92		1880	.....	29 09
1593	92		1881	.....	31 44
1593	92		1882	.....	27 00
1593	92		1883	.....	27 48
1593	92		1884	.....	27 00
1593	92		1885	.....	28 80
1593	92		1886	.....	27 48
1593	92		1887	.....	25 92
1593	92		1888	.....	26 64
1593	98		1879	.....	5 41
1593	98		1880	.....	5 31
1593	98		1881	.....	5 24
1593	98		1882	.....	4 50
1593	98		1883	.....	4 58
1593	98		1884	.....	4 50
1593	98		1885	.....	4 80
1593	98		1886	.....	4 58
1593	98		1887	.....	4 32
1593	98		1888	.....	4 44
1593	104		1879	.....	29 67
1593	104		1881	.....	31 44
1593	104		1882	.....	27 00
1593	104		1883	.....	27 48
1593	104		1884	.....	27 00
1593	104		1885	.....	28 80
1593	104		1886	.....	27 48
1593	104		1887	.....	25 92
1593	104		1888	.....	26 64
1593	104		1880	.....	29 09
1595	9	Public School 170	1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1595	9		1897	.....	84 00
1600	20	Public School 184	1899	806 10	.....
1600	20		1899	111 61	.....
1600	20		1899	682 10	.....
1609	7	Public School 271	1897	.....	294 00
1619	50	Fire Department	1902	102 30	.....
1619	50		1903	98 95	.....
1632	29		1883	.....	45 80
1632	30	Police Department	1891	.....	62 70
1632	30		1891	.....	76 00
1642	41	Public School 57	1866	.....	52 90
1642	41		1867	.....	93 45
1642	41		1896	.....	107 00
1650	29	Playground	1907	163 34	.....
1650	29		1907	118 79	.....
1650	29		1907	118 79	.....
1650	29		1907	118 79	.....
1650	29		1907	118 79	.....
1650	29		1907	118 79	.....
1650	29		1907	118 79	.....
1650	29		1907	118 79	.....
1650	29		1907	126 22	.....
1650	29		1907	126 22	.....
1652	16	Public School 121	1901	81 10	.....
1652	16		1901	81 10	.....
1659	19	Public Bath	1902	79 57	.....
1659	19		1902	79 57	.....
1659	19		1902	86 39	.....
1659	38	Public School 83	1884	.....	38 25
1659	38		1884	.....	38 25
1659	38		1884	.....	38 25
1659	38		1884	.....	38 25
1659	38		1884	.....	31 50
1659	38		1884	.....	31 50
1659	38		1903	141 36	.....
1659	38		1903	141 36	.....
1685	7	Public School 102	1907	148 49	.....
1688	30	Public School 85	1904	181 61	.....
1688	30		1905	223 57	.....
1688	30		1904	317 79	.....
1688	30		1904	136 20	.....
1688	30		1904	408 62	.....
1688	30		1905	447 15	.....
1688	30		1905	134 14	.....
1688	30		1905	402 42	.....
1688	30		1906	2,588 07	.....
1690	8	Water Front	1897	.....	315 00
1692	17	Bulkhead	1898	.....	603 00
1692	17		1899	868 14	.....
1692	17		1900	786 69	.....
1692	17		1901	811 06	.....
1692	17		1902	795 70	.....
1692	17		1903	848 20	.....
1692	17		1904	983 72	.....
1692	17		1905	968 83	.....
1692	17		1906	1,183 12	.....
1692	17		1907	1,187 99	.....
1692	17		1908	1,694 77	.....
1692	17		1909	1,761 94	.....
1695	22¾	Bulkhead	1903	647 46	.....
1695	22¾		1903	7 07	.....
1695	22¾		1904	692 38	.....
1695	22¾		1904	1 51	.....
1695	22¾		1904	7 56	.....
1695	22¾		1905	745 25	.....
1695	22¾		1906	887 34	.....
1695	22¾		1907	965 24	.....
1695	22¾		1908	1,371 95	.....
1695	22¾		1909	1,426 33	.....
1696	24½	Bulkhead	1905	223 57	.....
1696	24½		1906	251 41	.....
1696	24½		1907	296 99	.....
1696	24½		1908	403 51	.....
1696	24½		1909	419 51	.....
1696	25½	Bulkhead	1905	238 48	.....
1696	25½		1906	280 99	.....
1696	25½		1907	356 39	.....
1696	25½		1908	451 93	.....
1696	25½		1909	469 85	.....
1697	24½	Bulkhead	1903	254 46	.....
1697	24½		1904	302 68	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1697	24½	Bulkhead	1905	298 10	.....
1697	24½		1906	369 72	.....
1697	24½		1907	371 24	.....
1697	24½		1908	645 62	.....
1697	24½		1909	671 21	.....
1701	50	Bulkhead, East River, 107th and 108th sts.	1879	.....	25 80
1701	50		1884	.....	67 50
1701	50		1885	.....	72 00
1701	50		1886	.....	68 70
1701	50		1887	.....	64 80
1701	50		1894	.....	53 70
1701	50		1895	.....	57 30
1701	50		1896	.....	107 00
1701	50		1897	.....	105 00
1701	50		1898	.....	100 50
1701	50		1899	248 04	.....
1701	50		1900	224 77	.....
1701	50		1901	231 73	.....
1701	50		1902	227 34	.....
1701	50		1903	212 05	.....
1701	50		1904	257 28	.....
1701	50		1905	253 38	.....
1701	50		1880	.....	25 30
1701	50		1881	.....	26 20
1701	50		1882	.....	22 50
1701	50		1883	.....	22 90
1701	50		1888	.....	66 60
1701	50		1889	.....	58 50
1701	50		1890	.....	59 10
1701	50		1908	2,017 58	.....
1701	50		1909	2,097 55	.....
1701	50		1910	2,197 37	.....
1701	50		1911	775 11	.....
1701	50		1912	823 50	.....
1702	22	Bulkhead, East River, 108th and 109th sts.	1908	1,775 47	.....
1702	22		1909	1,845 84	.....
1702	22		1910	1,933 69	.....
1702	22		1911	688 99	.....
1702	22		1912	732 00	.....
1703	29½	Bulkhead, East River, 109th and 110th sts.	1906	665 50	.....
1703	29½		1907	1,113 74	.....
1703	29½		1908	1,775 47	.....
1703	29½		1909	1,845 84	.....
1703	29½		1910	1,933 69	.....
1703	29½		1911	688 99	.....
1703	29½		1912	732 00	.....
1701	50	Bulkhead, East River, 107th and 108th sts.	1891	.....	57 00
1701	50		1892	.....	55 50
1701	50		1893	.....	54 60
1701	50		1906	1,109 17	.....
1701	50		1907	1,113 74	.....
1702	22	Bulkhead, East River, 108th and 109th sts.	1895	.....	95 50
1702	22		1896	.....	107 00
1702	22		1897	.....	105 00
1702	22		1898	.....	100 50
1702	22		1899	248 04	.....
1702	22		1900	224 77	.....
1702	22		1901	231 73	.....
1702	22		1902	227 34	.....
1702	22		1903	226 18	.....
1702	22		1904	272 41	.....
1702	22		1905	268 29	.....
1702	22		1906	1,035 23	.....
1702	22		1907	1,113 74	.....
1703	29½	Bulkhead, East River, 109th and 110th sts.	1895	.....	95 50
1703	29½		1896	.....	107 00
1703	29½		1897	.....	105 00
1703	29½		1898	.....	100 50
1703	29½		1899	248 04	.....
1703	29½		1900	224 77	.....
1703	29½		1901	231 73	.....
1703	29½		1902	227 34	.....
1703	29½		1903	226 18	.....
1703	29½		1904	272 41	.....
1703	29½		1905	268 29	.....
1705	1	Thomas Jefferson Park	1899	1,488 24	.....
1705	1		1898	.....	130 65
1705	1		1898	.....	140 70
1705	1		1898	.....	669 33
1705	1		1898	.....	80 40
1705	1		1898	.....	50 25
1705	1		1898	.....	180 90
1705	1		1898	.....	50 25
1705	1		1898	.....	80 40
1705	1		1898	.....	669 33
1705	1		1898	.....	301 50
1705	1		1898	.....	60 30
1705	1		1898	.....	281 40
1705	1		1898	.....	60 30
1705	1		1898	.....	281 40
1705	1		1899	198 43	.....
1705	1		1899	210 83	.....
1705	1		1899	1,004 49	.....
1705	1		1899	124 02	.....
1705	1		1899	74 41	.....
1705	1		1899	297 60	.....
1705	1		1899	74 41	.....
1705	1		1899	124 02	.....
1705	1		1899	1,004 49	.....
1705	1		1899	372 06	.....
1705	1		1899	74 41	.....
1705	1		1899	347 25	.....
1705	1		1899	74 41	.....
1705	1		1899	372 06	.....
1705	1		1899	62 01	.....
1705	1		1899	74 41	.....
1706	1	Thomas Jefferson Park	1898	.....	180 90
1706	1		1899	297 64	.....
1706	1		1898	.....	150 75
1706	1		1898	.....	150 75
1706	1		1898	.....	211 05
1706	1		1898	.....	201 00
1706	1		1898	.....	80 40
1706	1		1898	.....	170 85
1706	1	Thomas Jefferson Park	1898	.....	321 60
1706	1		1898	.....	120 60
1706	1		1898	.....	120 60
1706	1		1898	.....	522 60
1706	1		1898	.....	884 40
1706	1		1898	.....	506 52
1706	1		1898	.....	40 20
1706	1		1898	.....	40 20
1706	1		1898	.....	50 25
1706	1		1898	.....	180 90
1706	1		1898	.....	50 25
1706	1		1898	.....	140 70
1706	1		1898	.....	506 52
1706	1		1898	.....	442 20
1706	1		1898	.....	130 65
1706	1		1898	.....	241 20
1706	1		1898	.....	70 35
1706	1		1898	.....	130 65
1706	1		1898	.....	140 70
1706	1		1898	.....	160 80
1706	1		1898	.....	60 30
1706	1		1898	.....	130 65
1706	1		1899	421 66	.....
1706	1		1899	595 28	.....
1706	1		1899	124 02	.....
1706	1		1899	248 04	.....
1706	1		1899	471 27	.....
1706	1		1899	347 24	.....
1706	1		1899	744 12	.....
1706	1		1899	1,190 56	.....
1706	1		1899	744 12	.....
1706	1		1899	124 02	.....
1706	1		1899	74 41	.....
1706	1		1899	297 60	.....
1706	1		1899	74 41	.....
1706	1		1899	198 43	.....
1706	1		1899	744 12	.....
1706	1		1899	644 90	.....
1706	1		1899	186 03	.....
1706	1		1899	322 45	.....
1706	1		1899	99 21	.....
1706	1		1899	173 62	.....
1706	1		1899	446 46	.....
1706	1		1899	99 21	.....
1706	1		1899	186 03	.....
1707	1	Thomas Jefferson Park	1898	.....	201 00
1707	1		1899	272 84	.....
1707	1		1898	.....	603 00
1707	1		1898	.....	251 25
1707	1		1898	.....	241 20
1707	1		1898	.....	201 00
1707	1		1898	.....	90 45
1707	1		1898	.....	241 20
1707	1		1898	.....	50 25
1707	1		1898	.....	100 50
1707	1		1898	.....	54 27
1707	1		1898	.....	80 40
1707	1		1898	.....	100 50
1707	1		1898	.....	321 60
1707	1		1898	.....	44 22
1707	1		1898	.....	64 32
1707	1		1898	.....	482 40
1707	1		1898	.....	120 60
1707	1		1898	.....	633 15
1707	1		1898	.....	96 48
1707	1		1898	.....	68 34
1707	1		1898	.....	100 50
1707	1		1898	.....	40 20
1707	1		1898	.....	341 70
1707	1		1898	.....	76 38
1707	1		1898	.....	170 85
1707	1		1898	.....	72 36
1707	1		1898	.....	201 00
1707	1		1898	.....	301 50
1707	1		1898	.....	190 95
1707	1		1898	.....	90 45
1707	1		1898	.....	241 20
1707	1		1898	.....	60 30
1707	1		1898	.....	271 35
1707	1		1899	868 10	.....
1707	1		1899	372 06	.....
1707	1		1899	347 24	.....
1707	1		1899	272 84	.....
1707	1		1899	148 82	.....
1707	1		1899	372 06	.....
1707	1		1899	74 41	.....
1707	1		1899	173 62	.....
1707	1		1899	86 81	.....
1707	1		1899	124 02	.....
1707	1		1899	148 82	.....
1707	1		1899	446 47	.....
1707	1		1899	62 01	.....
1707	1		1899	99 20	.....
1707	1		1899	694 50	.....
1707	1		1899	173 62	.....
1707	1		1899	620 10	.....
1707	1		1899	297 64	.....
1707	1		1899	248 00	.....
1707	1		1899	148 82	.....
1707	1		1899	62 01	.....
1707	1		1899	496 08	.....
1707	1		1899	111 61	.....
1707	1		1899	248 04	.....
1707	1		1899	99 20	.....
1707	1		1899	173 62	.....
1707	1		1899	148 82	.....
1707	1		1899	446 46	.....
1707	1		1899	297 64	.....
1707	1		1899	148 82	.....
1707	1		1899	322 44	.....
1707	1		1899	99 21	.....
1707	1		1899	148 82	.....
1707	1		1899	272 84	.....
1712	7	Thomas Jefferson Park	1900	786 69	.....
1712	20	Thomas Jefferson Park	1900	1,123 85	.....
1713	1	Thomas Jefferson Park	1900	78 66	.....
1713	1		1900	168 57	.....
1713	1		1900	1,011 46	.....
1713	1		1900	78 66	.....
1713	1		1900	168 57	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1713	53	Bulkhead, E. 115th st	1895	.....	382 00
1713	53		1896	.....	428 00
1713	53		1897	.....	420 00
1713	53		1898	.....	402 00
1713	53		1899	496 08	.....
1713	53		1900	449 54	.....
1713	53		1901	463 46	.....
1713	53		1902	454 68	.....
1713	53		1903	424 10	.....
1713	53		1904	529 69	.....
1713	53		1905	521 67	.....
1713	53		1889	.....	263 25
1713	53		1890	.....	295 50
1713	53		1891	.....	285 00
1713	53		1893	.....	273 00
1713	53		1892	.....	277 50
1713	53		1894	.....	358 00
1713	53		1906	591 56	.....
1713	53		1907	593 99	.....
1713	53		1908	968 44	.....
1713	53		1909	1,006 82	.....
1734	1	Harlem Hospital	1904	272 40	.....
1734	1		1904	870 15	.....
1734	1		1904	249 69	.....
1734	1		1905	268 29	.....
1734	1		1905	1,102 91	.....
1734	1		1906	332 73	.....
1734	1		1906	554 45	.....
1734	1		1906	1,109 17	.....
1734	1		1906	310 56	.....
1734	1		1907	356 37	.....
1734	1		1907	2,583 85	.....
1734	1		1902	204 60	.....
1734	1		1902	818 40	.....
1734	1		1902	204 60	.....
1734	1		1902	909 30	.....
1736	27	Public School 100	1906	103 52	.....
1736	27		1906	103 52	.....
1736	27		1906	103 52	.....
1736	27		1906	103 52	.....
1736	27		1906	103 52	.....
1736	27		1906	103 52	.....
1736	27		1906	59 15	.....
1736	27		1906	73 94	.....
1736	27		1906	73 94	.....
1736	27		1906	73 94	.....
1736	27		1906	73 94	.....
1736	27		1906	73 94	.....
1736	27		1906	73 94	.....
1736	27		1906	81 33	.....
1744	50	Water front East 148th st. and Harlem River	1904	151 34	.....
1746	21	Public School 103	1894	.....	125 30
1746	21		1894	.....	80 55
1746	21		1894	.....	80 55
1746	21		1894	.....	53 70
1746	21		1894	.....	53 70
1746	21		1894	.....	53 70
1746	21		1894	.....	53 70
1764	1	North half bulkhead, from East 139th to East 140th st	1870	.....	225 00
1764	1		1871	.....	217 07
1764	1		1873	.....	250 00
1764	1		1874	.....	364 00
1764	1		1875	.....	382 20
1764	1		1876	.....	364 00
1764	1		1877	.....	344 50
1764	1		1878	.....	331 50
1764	1		1879	.....	335 40
1764	1		1880	.....	328 90
1764	1		1881	.....	340 60
1764	1		1882	.....	292 50
1764	1		1883	.....	297 70
1764	1		1884	.....	326 25
1764	1		1885	.....	348 00
1764	1		1886	.....	332 05
1764	1		1887	.....	313 20
1764	1		1888	.....	321 90
1764	1		1889	.....	282 75
1764	1		1890	.....	285 65
1769	45	Harlem Court House	1868	.....	66 50
1769	45		1868	.....	66 50
1769	45		1868	.....	66 50
1769	45		1868	.....	66 50
1769	45		1871	.....	26 04
1769	45		1872	.....	34 81
1769	45		1873	.....	50 00
1769	45		1874	.....	56 00
1769	45		1875	.....	58 80
1769	45		1876	.....	56 00
1769	45		1877	.....	53 00
1769	45		1878	.....	51 00
1769	45		1879	.....	38 70
1769	45		1879	.....	38 70
1769	45		1879	.....	38 70
1769	45		1879	.....	51 60
1769	45		1880	.....	37 95
1769	45		1880	.....	37 95
1769	45		1880	.....	37 95
1769	45		1880	.....	50 60
1769	45		1881	.....	39 30
1769	45		1881	.....	39 30
1769	45		1881	.....	39 30
1769	45		1881	.....	52 40
1769	45		1882	.....	40 50
1769	45		1882	.....	40 50
1769	45		1882	.....	40 50
1769	45		1882	.....	45 00
1769	45		1883	.....	41 22
1769	45		1883	.....	41 22
1769	45		1883	.....	41 22
1769	45		1883	.....	45 80
1769	45		1884	.....	51 75
1769	45		1884	.....	51 75
1769	45		1884	.....	51 75
1769	45		1884	.....	56 25
1769	45		1885	.....	55 20
1769	45		1885	.....	55 20
1769	45		1885	.....	55 20
1769	45		1885	.....	60 00
1769	45	Harlem Court House	1886	.....	57 25
1769	45		1886	.....	57 25
1769	45		1886	.....	57 25
1769	45		1886	.....	68 70
1769	45		1887	.....	58 32
1769	45		1887	.....	54 00
1769	45		1887	.....	54 00
1769	45		1887	.....	75 60
1769	45		1888	.....	59 94
1769	45		1888	.....	55 50
1769	45		1888	.....	55 50
1769	45		1888	.....	77 70
1769	45		1889	.....	52 65
1769	45		1889	.....	48 75
1769	45		1889	.....	48 75
1769	45		1889	.....	68 25
1769	45		1890	.....	68 95
1769	45		1890	.....	63 04
1769	45		1890	.....	63 04
1769	45		1890	.....	78 80
1769	45		1891	.....	66 50
1769	45		1891	.....	60 80
1769	45		1891	.....	60 80
1769	45		1891	.....	76 00
1784	15	Public School 159	1897	.....	252 00
1784	15		1897	.....	367 50
1784	15		1897	.....	210 00
1784	15		1897	.....	147 00
1784	15		1897	.....	315 00
1790	13	Public School 39	1877	.....	53 00
1790	13		1877	.....	53 00
1790	13		1882	.....	13 50
1790	13		1882	.....	56 25
1790	13		1883	.....	57 25
1790	13		1898	.....	100 50
1790	13		1899	124 02	.....
1790	13		1900	112 38	.....
1790	13		1901	115 86	.....
1794	45 now 1	Approach to 3d Avenue Bridge	1898	.....	301 50
1794	45A	Bulkhead south of 3d ave. and of 3d Avenue Bridge	1898	.....	402 00
1794	45A		1899	496 08	.....
1794	50	Bridge approach	1896	.....	535 00
1794	50		1897	.....	525 00
1794	50		1898	.....	502 50
1794	50		1899	372 06	.....
1794	51	Bulkhead south of 3d ave. and of 3d Avenue Bridge	1899	248 04	.....
1794	51		1895	.....	477 50
1813	5¼	Bulkhead	1884	.....	30 38
1813	5¼		1886	.....	30 92
1813	5¼		1887	.....	36 72
1813	5¼		1888	.....	37 74
1813	5¼		1889	.....	33 15
1813	5¼		1890	.....	80 77
1813	5¼		1891	.....	77 90
1813	5¼		1892	.....	75 85
1813	5½	Bulkhead	1895	.....	191 00
1813	5½		1896	.....	214 00
1813	5½		1897	.....	210 00
1813	5½		1898	.....	201 00
1813	5½		1899	372 06	.....
1813	5½		1900	337 15	.....
1813	5½		1901	347 59	.....
1813	5½		1902	341 01	.....
1813	5½		1903	353 41	.....
1813	5½		1904	378 35	.....
1813	5½		1905	372 62	.....
1813	5½		1894	.....	122 62
1813	5½		1893	.....	74 62
1813	5½		1906	369 72	.....
1813	5½		1907	371 24	.....
1813	5½		1908	484 22	.....
1813	5½		1909	503 41	.....
1813	5½		1910	527 37	.....
1813	5½		1911	516 74	.....
1814	34	Bridge	1906	3,697 25	.....
1815	29½	Pier, East River	1880	.....	30 36
1815	30½, now 29½		1885	.....	49 44
1815	30½, now 29½		1886	.....	47 17
1815	30½, now 29½		1887	.....	44 50
1815	30½, now 29½		1888	.....	45 75
1815	30½, now 29½		1889	.....	40 17
1815	30½, now 29½		1890	.....	81 16
1815	30½, now 29½		1891	.....	78 28
1815	30½, now 29½		1892	.....	76 22
1815	30½, now 29½	Pier, East River	1893	.....	74 98
1815	30½, now 29½		1894	.....	73 75
1816	1	Public School 78	1881	.....	52 40
1816	1		1881	.....	78 60
1816	1		1881	.....	44 54
1816	1		1881	.....	44 54
1816	1		1881	.....	36 68
1816	1		1881	.....	18 34
1816	1		1882	.....	47 25
1816	1		1882	.....	67 50
1816	1		1882	.....	40 50
1816	1		1882	.....	40 50
1816	1		1882	.....	31 50
1816	1		1882	.....	20 25
1816	1		1883	.....	48 09
1816	1		1883	.....	68 70
1816	1		1883	.....	41 22
1816	1		1883	.....	41 22
1816	1		1883	.....	32 06
1816	1		1883	.....	20 61
1817	18½	Bulkhead and land under water	1880	.....	37 95
1817	18½		1881	.....	39 30
1817	18½		1882	.....	33 75
1817	18½		1883	.....	34 35
1817	18½		1884	.....	45 00
1817	18½		1885	.....	48 00
1817	18½		1886	.....	45 80
1817	18½		1887	.....	43 20
1817	18½		1888	.....	44 40
1817	18½		1889	.....	39 00
1817	18½		1890	.....	49 25
1817	18½		1891	.....	47 50
1817	18½		1892	.....	46 25
1817	18½		1893	.....	45 50

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1817	18½	Bulkhead and land under water	1894	.....	44 75
1817	18½		1895	.....	47 75
1817	18½		1896	.....	171 20
1817	18½		1897	.....	168 00
1817	18½		1898	.....	160 80
1817	18½		1899	248 04	.....
1817	18½		1900	224 77	.....
1817	18½		1901	231 73	.....
1817	18½		1902	227 34	.....
1817	18½		1903	169 64	.....
1817	18½		1904	181 61	.....
1817	18½		1905	178 86	.....
1817	18½		1906	177 46	.....
1818	11¾	Bulkhead, East River.....	1882	.....	5 62
1818	11¾		1886	.....	11 45
1818	11¾		1887	.....	10 80
1818	11¾		1889	.....	9 75
1818	11¾		1890	.....	98 50
1818	11¾		1891	.....	95 00
1818	11¾		1892	.....	92 50
1818	11¾		1893	.....	91 00
1818	11¾		1894	.....	89 50
1818	11¾		1896	.....	107 00
1818	11¾		1897	.....	105 00
1818	11¾		1898	.....	100 50
1818	11¾		1899	496 08	.....
1818	11¾		1900	449 54	.....
1818	11¾		1901	463 46	.....
1818	11¾		1902	454 68	.....
1818	11¾		1903	282 73	.....
1818	11¾		1904	454 02	.....
1818	11¾		1905	447 15	.....
1818	11¾		1906	443 67	.....
1818	11¾		1885	.....	12 00
1818	11¾		1907	668 24	.....
1818	11¾		1908	807 03	.....
1818	11¾		1909	839 02	.....
1819	17, now 22	Bulkhead	1880	.....	10 12
1819	17, now 22		1881	.....	10 48
1819	17, now 22		1882	.....	9 00
1819	17, now 22		1883	.....	9 16
1819	17, now 22		1884	.....	9 00
1819	17, now 22		1885	.....	9 60
1819	17, now 22		1886	.....	9 16
1819	17, now 22		1887	.....	10 05
1819	17, now 22		1895	.....	28 65
1819	17, now 22		1896	.....	38 52
1819	17, now 22		1897	.....	37 80
1819	17, now 22		1898	.....	36 18
1819	17, now 22		1899	74 42	.....
1819	17, now 22		1900	67 43	.....
1819	17, now 22		1901	69 51	.....
1819	17, now 22		1902	68 20	.....
1819	17, now 22		1903	141 36	.....
1819	17, now 22		1904	151 34	.....
1819	17, now 22		1905	149 05	.....
1819	17, now 22		1888	.....	10 32
1819	17, now 22		1889	.....	9 06
1819	17, now 22		1890	.....	13 10
1819	17, now 22		1891	.....	12 64
1819	17, now 22		1892	.....	12 30
1819	17, now 22		1893	.....	11 83
1819	17, now 22		1894	.....	13 42
1819	17, now 22		1906	147 89	.....
1819	17, now 22		1907	148 49	.....
1819	17, now 22		1908	161 40	.....
1819	17, now 22		1909	167 80	.....
1819	19, now 22	Bulkhead	1880	.....	50 60
1819	19, now 22		1881	.....	52 40
1819	19, now 22		1882	.....	45 00
1819	19, now 22		1883	.....	45 80
1819	19, now 22		1884	.....	45 00
1819	19, now 22		1885	.....	48 00
1819	19, now 22		1886	.....	45 80
1819	19, now 22		1887	.....	50 43
1819	19, now 22		1895	.....	147 07
1819	19, now 22		1896	.....	207 58
1819	19, now 22		1897	.....	203 70
1819	19, now 22		1898	.....	194 97
1819	19, now 22		1899	396 86	.....
1819	19, now 22		1900	359 63	.....
1819	19, now 22		1901	370 78	.....
1819	19, now 22		1902	363 75	.....
1819	19, now 22		1903	282 73	.....
1819	19, now 22		1904	302 68	.....
1819	19, now 22		1905	298 10	.....
1819	19, now 22		1888	.....	51 84
1819	19, now 22		1889	.....	45 54
1819	19, now 22		1890	.....	65 70
1819	19, now 22		1891	.....	63 36
1819	19, now 22		1892	.....	61 70
1819	19, now 22		1893	.....	58 24
1819	19, now 22		1894	.....	68 92
1819	19, now 22		1906	295 78	.....
1819	19, now 22		1907	296 99	.....
1819	19, now 22		1908	807 03	.....
1819	19, now 22		1909	839 02	.....
1819	22	Bulkhead and water front.....	1895	.....	53 48
1819	22		1896	.....	74 90
1819	22		1897	.....	73 50
1819	22		1898	.....	70 35
1819	22		1899	148 82	.....
1819	22		1900	134 86	.....
1819	22		1901	139 04	.....
1819	22		1902	136 40	.....
1819	22		1903	70 68	.....
1819	22		1905	74 52	.....
1819	22		1904	75 67	.....
1819	22		1880	.....	15 18
1819	22		1881	.....	15 72
1819	22		1882	.....	13 50
1819	22		1887	.....	15 12
1819	22		1888	.....	15 54
1819	22		1889	.....	13 65
1819	22		1890	.....	19 70
1819	22		1891	.....	19 00
1819	22		1892	.....	18 50
1819	22		1893	.....	20 93
1819	22		1894	.....	25 06
1819	22		1883	.....	13 74

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1819	22	Bulkhead and water front	1884	.....	13 50
1819	22		1885	.....	14 40
1819	22		1886	.....	13 74
1819	22		1906	81 33	.....
1819	22		1907	148 49	.....
1819	22		1908	193 68	.....
1819	22		1909	201 36	.....
		Section 7			
1830	19	Public School 79.....	1898	.....	1,447 20
1831	26	Library	1906	147 89	.....
1831	26		1906	147 89	.....
1850	1	Morningside Park	1847	.....	34
1850	1		1849	.....	30
1850	1		1868	.....	24 82
1850	1		1869	.....	57 50
1850	1		1869	.....	36 32
1850	1		1869	.....	17 02
1850	1		1870	.....	13 50
1850	1		1844	.....	12
1850	1		1848	.....	1 30
1850	1		1848	.....	1 61
1850	1		1848	.....	16
1850	1		1848	.....	36
1850	1		1841	.....	02
1850	1		1855	.....	3 24
1850	1		1855	.....	1 08
1850	1		1862	.....	02
1850	1		1867	.....	1 00
1850	1		1845	.....	15
1850	1		1846	.....	15
1850	1		1847	.....	07
1854	17	Fire Department	1868	.....	15 96
1854	17		1869	.....	35 19
1854	47	Police Department	1868	.....	15 96
1854	47		1869	.....	35 18
1856	9	Public School 79.....	1899	235 63	.....
1856	9		1899	111 61	.....
1856	9		1899	111 61	.....
1856	9		1899	111 61	.....
1856	9		1899	111 61	.....
1856	9		1899	111 61	.....
1856	9		1899	124 02	.....
1856	9		1899	124 02	.....
1856	9		1899	124 02	.....
1856	9		1899	124 02	.....
1856	9		1899	124 02	.....
1856	9		1899	124 02	.....
1857	27	Fire Department	1900	112 38	.....
1857	27		1900	112 38	.....
1859	1	Public School 54.....	1898	.....	110 55
1859	1		1899	148 82	.....
1859	1		1892	....	203 50
1869	32	Fire Department	1862	.....	7 00
1878	1	Schuyler Park	1895	.....	210 00
1878	1		1896	.....	256 80
1878	1		1897	.....	252 00
1880	13	Public School 165.....	1897	.....	661 50
1880	13		1897	.....	514 50
1884	36	Aqueduct	1875	.....	147 00
1884	36		1876	.....	140 00
1884	36		1877	.....	106 00
1884	36		1878	.....	102 00
1884	36		1879	.....	103 20
1884	36		1880	.....	126 50
1884	36		1881	.....	131 00
1884	36		1882	.....	112 50
1884	36		1883	.....	114 50
1884	36		1884	.....	112 50
1884	36		1885	.....	120 00
1884	36		1886	.....	114 50
1884	38	Fire Department	1888	.....	15 54
1884	38		1888	.....	11 10
1897	1	Riverside Park	1869	.....	79 45
1897	1		1869	.....	52 21
1897	1		1869	.....	68 10
1897	1		1871	.....	32 56
1897	1		1871	.....	14 47
1897	1		1872	.....	435 24
1897	1		1872	.....	348 19
1897	1		1872	.....	43 52
1897	1		1872	.....	754 42
1897	1		1872	.....	17 40
1897	1		1872	.....	20 31
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	20 31
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	20 31
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	208 91
1897	1		1872	.....	29 01
1897	1		1872	.....	104 45
1897	1		1872	.....	174 09
1897	1		1872	.....	20 31
1897	1		1872	.....	17 40

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1897	1	Riverside Park	1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	8 70
1897	1		1872	.....	87 04
1897	1		1872	.....	23 21
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	377 21
1897	1		1872	.....	290 16
1897	1		1872	.....	435 24
1897	1		1872	.....	43 52
1897	1		1872	.....	7 25
1897	1		1872	.....	8 70
1897	1		1872	.....	11 60
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	23 21
1897	1		1872	.....	11 60
1897	1		1872	.....	11 60
1897	1		1872	.....	14 50
1897	1		1872	.....	87 04
1897	1		1872	.....	23 21
1897	1		1872	.....	11 60
1897	1		1872	.....	11 60
1897	1		1872	.....	11 60
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	17 40
1897	1		1872	.....	14 50
1897	1		1872	.....	11 60
1897	1		1872	.....	29 01
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	23 21
1897	1		1872	.....	11 60
1897	1		1872	.....	116 06
1897	1		1872	.....	34 81
1897	1		1872	.....	34 81
1897	1		1872	.....	37 72
1897	1		1872	.....	40 62
1897	1		1872	.....	58 03
1897	1		1872	.....	14 50
1897	1		1872	.....	11 60
1897	1		1872	.....	8 70
1897	1		1872	.....	23 21
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	46 42
1897	1		1872	.....	26 11
1897	1		1872	.....	23 21
1897	1		1872	.....	20 31
1897	1		1872	.....	11 60
1897	1		1872	.....	17 40
1897	1		1872	.....	11 60
1897	1		1872	.....	11 60
1897	1		1872	.....	17 40
1897	1		1872	.....	26 11
1897	1		1872	.....	14 50
1897	1		1872	.....	23 21
1897	1		1872	.....	29 01
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	14 50
1897	1		1872	.....	23 21
1897	1		1872	.....	43 52
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40
1897	1		1872	.....	17 40

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years
1898	1	Pier at 96th st. and Hudson River ...	1907	29 69	.....
1898	1		1908	32 28	.....
1898	1		1909	50 34	.....
1898	1		1902	9 09	.....
1898	1		1903	9 89	.....
1898	1		1904	10 59	.....
1898	1		1905	22 35	.....
1898	1		1906	29 57	.....
1898	1		1907	29 69	.....
1898	1		1908	32 28	.....
1898	1		1909	50 34	.....
1898	1		1902	9 09	.....
1898	1		1903	9 89	.....
1898	1		1904	10 59	.....
1898	1		1905	22 35	.....
1898	1		1906	29 57	.....
1898	1		1907	29 69	.....
1898	1		1908	32 28	.....
1898	1		1909	50 34	.....
1898	1		1902	22 73	.....
1898	1		1903	28 27	.....
1898	1		1904	30 26	.....
1898	1		1905	149 05	.....
1898	1		1906	147 89	.....
1898	1		1907	148 49	.....
1898	1		1908	161 40	.....
1898	1		1909	251 70	.....
1898	1		1902	72 75	.....
1898	1		1903	84 82	.....
1898	1		1904	90 80	.....
1898	1		1905	178 86	.....
1898	1		1906	236 62	.....
1898	1		1907	237 59	.....
1898	1		1908	258 25	.....
1898	1		1909	402 72	.....
1898	1		1902	9 09	.....
1898	1		1903	10 60	.....
1898	1		1904	11 35	.....
1898	1		1905	22 35	.....
1898	1		1906	22 18	.....
1898	1		1907	22 27	.....
1898	1		1908	24 21	.....
1898	1		1909	50 34	.....
1898	1		1903	3 53	.....
1898	1		1904	3 78	.....
1898	1		1905	7 45	.....
1898	1		1906	7 39	.....
1898	1		1907	7 42	.....
1898	1		1908	8 07	.....
1898	1		1909	16 78	.....
1898	1		1902	15 91	.....
1898	1		1903	14 13	.....
1898	1		1904	15 13	.....
1898	1		1905	29 81	.....
1898	1		1906	29 57	.....
1898	1		1907	29 69	.....
1898	1		1908	32 28	.....
1898	1		1909	67 12	.....
1898	1		1901	9 26	.....
1898	1		1902	9 09	.....
1898	1		1903	9 89	.....
1898	1		1904	10 59	.....
1898	1		1905	14 90	.....
1898	1		1906	22 18	.....
1898	1		1907	22 27	.....
1898	1		1908	24 21	.....
1898	1		1909	41 95	.....
1898	1		1901	9 26	.....
1898	1		1902	9 09	.....
1898	1		1903	9 89	.....
1898	1		1904	10 59	.....
1898	1		1905	14 90	.....
1898	1		1906	22 18	.....
1898	1		1907	22 27	.....
1898	1		1908	24 21	.....
1898	1		1909	41 95	.....
1898	1		1901	9 26	.....
1898	1		1902	9 09	.....
1898	1		1903	9 89	.....
1898	1		1904	10 59	.....
1898	1		1905	14 90	.....
1898	1		1906	22 18	.....
1898	1		1907	22 27	.....
1898	1		1908	24 21	.....
1898	1		1909	41 95	.....
1898	1		1902	9 09	.....
1898	1		1903	9 89	.....
1898	1		1904	10 59	.....
1898	1		1905	14 90	.....
1898	1		1906	22 18	.....
1898	1		1907	22 27	.....
1898	1		1908	24 21	.....
1898	1		1909	41 95	.....
1898	1		1902	36 37	.....
1898	1		1903	42 41	.....
1898	1		1904	45 40	.....
1898	1		1905	67 07	.....
1898	1		1906	88 73	.....
1898	1		1907	89 09	.....
1898	1		1908	96 84	.....
1898	1		1909	167 80	.....
1898	1		1902	22 73	.....
1898	1		1903	28 27	.....
1898	1		1904	30 26	.....
1898	1		1905	59 62	.....
1898	1		1906	59 15	.....
1898	1		1907	59 39	.....
1898	1		1908	64 56	.....
1898	1		1909	134 24	.....
1898	1		1902	72 75	.....
1898	1		1903	84 82	.....
1898	1		1904	90 80	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1898	1	Pier at 96th st. and Hudson River ...	1905	119 24	.....
1898	1		1906	147 89	.....
1898	1		1907	148 49	.....
1898	1		1908	161 40	.....
1898	1		1909	335 60	.....
1898	1		1902	15 91	.....
1898	1		1903	16 96	.....
1898	1		1904	18 16	.....
1898	1		1905	37 26	.....
1898	1		1906	36 97	.....
1898	1		1907	37 12	.....
1898	1		1908	40 35	.....
1898	1		1909	75 51	.....
1898	1		1902	45 46	.....
1898	1		1903	49 47	.....
1898	1		1904	52 96	.....
1898	1		1905	67 07	.....
1898	1		1906	88 73	.....
1898	1		1907	89 09	.....
1898	1		1908	96 84	.....
1898	1		1909	167 80	.....
1898	1		1902	11 36	.....
1898	1		1903	11 30	.....
1898	1		1904	12 10	.....
1898	1		1905	22 35	.....
1898	1		1906	22 18	.....
1898	1		1907	22 27	.....
1898	1		1908	24 21	.....
1898	1		1909	50 34	.....
1898	1		1902	27 28	.....
1898	1		1903	35 34	.....
1898	1		1904	37 83	.....
1898	1		1905	52 16	.....
1898	1		1906	59 15	.....
1898	1		1907	59 39	.....
1898	1		1908	64 56	.....
1898	1		1909	117 46	.....
1898	1		1903	28 27	.....
1898	1		1904	30 26	.....
1898	1		1905	59 62	.....
1898	1		1906	59 15	.....
1898	1		1907	59 39	.....
1898	1		1908	64 56	.....
1898	1		1909	134 24	.....
1898	1		1903	84 82	.....
1898	1		1904	90 80	.....
1898	1		1905	119 24	.....
1898	1		1906	147 89	.....
1898	1		1907	148 49	.....
1898	1		1908	161 40	.....
1898	1		1909	335 60	.....
1898	5	Bulkhead	1899	496 08	.....
1898	5		1900	449 54	.....
1898	5		1901	463 46	.....
1898	5		1902	454 68	.....
1898	5		1903	424 10	.....
1898	5		1904	454 02	.....
1898	7	Bulkhead	1896	.....	256 80
1898	7		1897	.....	252 00
1898	7		1898	.....	241 20
1898	7		1899	297 64	.....
1898	7		1900	269 72	.....
1898	7		1901	278 07	.....
1898	7		1902	272 81	.....
1898	7		1903	254 46	.....
1898	7		1904	908 05	.....
1898	9	Bulkhead	1901	463 46	.....
1898	9		1902	454 68	.....
1898	9		1903	424 10	.....
1898	9		1904	454 02	.....
1898	11	Bulkhead	1877	.....	17 22
1898	11		1878	.....	15 30
1898	11		1879	.....	15 48
1898	11		1880	.....	12 65
1898	11		1881	.....	13 10
1898	11		1882	.....	11 25
1898	11		1883	.....	11 45
1898	11		1884	.....	11 25
1898	11		1885	.....	12 00
1898	11		1886	.....	11 45
1898	11		1887	.....	10 80
1898	11		1895	.....	382 00
1898	11		1896	.....	428 00
1898	11		1888	.....	11 10
1898	11		1889	.....	11 70
1898	11		1890	.....	19 70
1898	11		1891	.....	190 00
1898	11		1892	.....	185 00
1898	11		1893	.....	273 00
1898	11		1894	.....	358 00
1898	13	Bulkhead	1896	.....	256 80
1898	15	Bulkhead	1876	.....	44 80
1898	15		1877	.....	34 45
1898	15		1878	.....	30 60
1898	15		1879	.....	30 96
1898	15		1880	.....	25 30
1898	15		1881	.....	26 20
1898	15		1882	.....	22 50
1898	15		1883	.....	22 90
1898	15		1884	.....	22 50
1898	15		1885	.....	24 00
1898	15		1886	.....	22 90
1898	15		1887	.....	21 60
1898	15		1888	.....	22 20
1898	15		1889	.....	19 50
1898	15		1890	.....	19 70
1898	15		1891	.....	28 50
1898	15		1892	.....	27 75
1898	15		1893	.....	364 00
1898	15		1894	.....	716 00
1898	15		1895	.....	764 00
1898	15		1896	.....	856 00
1898	18	Bulkhead	1896	.....	256 80
1898	19	Bulkhead	1902	22 73	.....
1898	19		1903	28 27	.....
1898	19		1904	30 26	.....
1898	19		1905	149 05	.....
1898	19		1906	147 89	.....
1898	19		1907	148 49	.....
1898	19		1908	161 40	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1898	19	Bulkhead	1909	251 70	.....
1898	19		1879	.....	36
1898	19		1895	.....	57 30
1898	19		1896	.....	12 84
1898	19		1893	.....	54 60
1898	19		1894	.....	53 70
1898	20	Bulkhead	1876	.....	8 40
1898	20		1877	.....	6 62
1898	20		1878	.....	5 10
1898	20		1879	.....	5 54
1898	28, now 19	Bulkhead	1896	.....	12 84
1898	43, now 19	Bulkhead	1896	.....	12 84
1898	49, now 19	Bulkhead	1896	.....	12 84
1898	56, now 19	Bulkhead	1896	.....	12 84
1898	62, now 19	Bulkhead	1896	.....	19 26
1899	2	Bulkhead and lands under water	1902	22 73	.....
1899	2		1903	28 27	.....
1899	2		1904	30 26	.....
1899	2		1905	59 62	.....
1899	2		1906	59 15	.....
1899	2		1907	59 39	.....
1899	2		1908	64 56	.....
1899	2		1909	134 24	.....
1899	2		1902	72 75	.....
1899	2		1903	84 82	.....
1899	2		1904	90 80	.....
1899	2		1905	119 24	.....
1899	2		1906	147 89	.....
1899	2		1907	148 49	.....
1899	2		1908	161 40	.....
1899	2		1909	335 60	.....
1899	2		1896	.....	4 28
1899	2		1897	.....	4 20
1899	2		1898	.....	4 02
1899	2		1899	4 96	.....
1899	2		1900	4 49	.....
1899	2		1901	4 63	.....
1899	2		1902	4 54	.....
1899	2		1903	5 65	.....
1899	2		1904	6 05	.....
1899	2		1905	7 45	.....
1899	2		1906	7 39	.....
1899	2		1907	7 42	.....
1899	2		1908	8 07	.....
1899	2		1909	8 39	.....
1899	2		1878	.....	2 55
1899	2		1879	.....	2 58
1899	2		1880	.....	1 51
1899	2		1881	.....	1 57
1899	2		1882	.....	1 35
1899	2		1883	.....	1 14
1899	2		1884	.....	1 12
1899	2		1885	.....	1 20
1899	2		1886	.....	1 14
1899	2		1887	.....	1 08
1899	2		1888	.....	1 11
1899	2		1889	.....	97
1899	2		1890	.....	98
1899	2		1896	.....	4 28
1899	2		1897	.....	4 20
1899	2		1898	.....	4 02
1899	2		1899	4 96	.....
1899	2		1900	4 49	.....
1899	2		1901	4 63	.....
1899	2		1902	4 54	.....
1899	2		1903	5 65	.....
1899	2		1904	6 05	.....
1899	2		1905	7 45	.....
1899	2		1891	.....	1 90
1899	2		1892	.....	1 85
1899	2		1893	.....	3 64
1899	2		1894	.....	3 58
1899	2		1895	.....	3 82
1899	2		1906	7 39	.....
1899	2		1907	7 42	.....
1899	2		1908	8 07	.....
1899	2		1909	16 78	.....
1899	2		1896	.....	17 12
1899	2		1897	.....	16 80
1899	2		1898	.....	16 08
1899	2		1899	19 84	.....
1899	2		1900	17 98	.....
1899	2		1901	18 53	.....
1899	2		1902	18 18	.....
1899	2		1903	28 27	.....
1899	2		1904	30 26	.....
1899	2		1905	52 16	.....
1899	2		1906	51 76	.....
1899	2		1907	51 97	.....
1899	2		1908	56 49	.....
1899	2		1909	117 46	.....
1899	2		1902	68 20	.....
1899	2		1903	84 82	.....
1899	2		1904	90 80	.....
1899	2		1905	111 78	.....
1899	2		1906	140 49	.....
1899	2		1907	141 07	.....
1899	2		1908	153 33	.....
1899	2		1909	302 04	.....
1899	8, now 2	Bulkhead	1896	.....	19 26
1899	16, now 2	Bulkhead	1896	.....	12 84
1899	16, now 2		1870	.....	11 25
1899	16, now 2		1870	.....	11 25
1899	16, now 2		1870	.....	11 25
1899	16, now 2		1870	.....	11 25
1899	16, now 2		1870	.....	11 25
1899	16, now 2		1880	.....	22 77
1899	16, now 2		1880	.....	25 30
1899	16, now 2		1880	.....	30 36
1899	16, now 2		1880	.....	30 36
1899	16, now 2		1880	.....	32 89
1899	16, now 2		1880	.....	27 83
1899	16, now 2		1880	.....	27 83
1899	16, now 2		1880	.....	25 30
1899	16, now 2		1881	.....	23 58
1899	16, now 2		1881	.....	26 20
1899	16, now 2		1881	.....	31 44
1899	16, now 2		1881	.....	31 44
1899	16, now 2		1881	.....	34 06
1899	16, now 2		1881	.....	28 82
1899	16, now 2	Bulkhead	1881	.....	28 82
1899	16, now 2		1881	.....	26 20
1899	16, now 2		1882	.....	20 25
1899	16, now 2		1882	.....	22 50
1899	16, now 2		1882	.....	27 00
1899	16, now 2		1882	.....	27 00
1899	16, now 2		1882	.....	29 25
1899	16, now 2		1882	.....	24 75
1899	16, now 2		1882	.....	24 75
1899	16, now 2		1882	.....	22 50
1899	16, now 2		1883	.....	20 61
1899	16, now 2		1883	.....	22 90
1899	16, now 2		1883	.....	27 48
1899	16, now 2		1883	.....	27 48
1899	16, now 2		1883	.....	29 77
1899	16, now 2		1883	.....	25 19
1899	16, now 2		1883	.....	25 19
1899	16, now 2		1883	.....	22 90
1899	16, now 2		1884	.....	20 25
1899	16, now 2		1884	.....	22 50
1899	16, now 2		1884	.....	27 00
1899	16, now 2		1884	.....	27 00
1899	16, now 2		1884	.....	29 25
1899	16, now 2		1884	.....	24 75
1899	16, now 2		1884	.....	24 75
1899	16, now 2		1884	.....	22 50
1899	16, now 2		1889	.....	25 35
1899	16, now 2		1889	.....	21 45
1899	16, now 2		1889	.....	21 45
1899	16, now 2		1889	.....	19 50
1899	16, now 2		1890	.....	17 73
1899	16, now 2		1890	.....	19 70
1899	16, now 2		1890	.....	23 64
1899	16, now 2		1890	.....	23 64
1899	16, now 2		1890	.....	25 61
1899	16, now 2		1890	.....	21 67
1899	16, now 2		1890	.....	21 67
1899	16, now 2		1890	.....	19 70
1899	16, now 2		1891	.....	19 00
1899	16, now 2		1891	.....	19 00
1899	16, now 2		1891	.....	22 80
1899	16, now 2		1891	.....	22 80
1899	16, now 2		1891	.....	24 70
1899	16, now 2		1891	.....	20 90
1899	16, now 2		1891	.....	20 90
1899	16, now 2		1891	.....	19 00
1899	16, now 2		1892	.....	18 50
1899	16, now 2		1892	.....	18 50
1899	16, now 2		1892	.....	22 20
1899	16, now 2		1892	.....	22 20
1899	16, now 2		1892	.....	24 05
1899	16, now 2		1892	.....	20 35
1899	16, now 2		1892	.....	20 35
1899	16, now 2		1892	.....	18 50
1899	16, now 2		1893	.....	23 66
1899	16, now 2		1893	.....	23 66
1899	16, now 2		1893	.....	25 48
1899	16, now 2		1893	.....	136 50
1899	16, now 2		1894	.....	23 27
1899	16, now 2		1894	.....	23 27
1899	16, now 2		1894	.....	25 06
1899	16, now 2		1894	.....	26 85
1899	16, now 2		1894	.....	26 85
1899	16, now 2		1894	.....	26 85
1899	16, now 2		1894	.....	26 85
1899	16, now 2		1894	.....	26 85
1899	16, now 2		1895	.....	24 83
1899	16, now 2		1895	.....	26 74
1899	16, now 2		1895	.....	24 83
1899	16, now 2		1895	.....	28 65
1899	16, now 2		1895	.....	28 65
1899	16, now 2		1895	.....	28 65
1899	16, now 2		1895	.....	28 65
1899	16, now 2		1895	.....	28 65
1899	16, now 2		1896	.....	246 10
1899	16, now 2		1843	.....	05
1899	16, now 2		1857	.....	02
1899	16, now 2		1888	.....	19 98
1899	16, now 2		1888	.....	22 20
1899	16, now 2		1888	.....	26 64
1899	16, now 2		1888	.....	26 64
1899	16, now 2		1888	.....	28 86
1899	16, now 2		1888	.....	24 42
1899	16, now 2		1888	.....	24 42
1899	16, now 2		1888	.....	22 20
1899	16, now 2		1889	.....	17 55
1899	16, now 2		1889	.....	19 50
1899	16, now 2		1889	.....	23 40
1899	16, now 2		1889	.....	23 40
1899	16, now 2		1885	.....	21 60
1899	16, now 2		1885	.....	24 00
1899	16, now 2		1885	.....	28 80
1899	16, now 2		1885	.....	28 80
1899	16, now 2		1885	.....	31 20
1899	16, now 2		1885	.....	26 40
1899	16, now 2		1885	.....	26 40
1899	16, now 2		1885	.....	24 00
1899	16, now 2		1886	.....	20 61
1899	16, now 2		1886	.....	22 90
1899	16, now 2		1886	.....	27 48
1899	16, now 2		1886	.....	27 48
1899	16, now 2		1886	.....	29 77
1899	16, now 2		1886	.....	25 19
1899	16, now 2		1886	.....	25 19
1899	16, now 2		1886	.....	22 90
1899	16, now 2		1887	.....	19 44
1899	16, now 2		1887	.....	21 60
1899	16, now 2		1887	.....	25 92
1899	16, now 2		1887	.....	25 92
1899	16, now 2		1887	.....	28 08
1899	16, now 2		1887	.....	23 76
1899	16, now 2		1887	.....	23 76
1899	16, now 2		1887	.....	21 60
1912	40	Public School 68	1870	.....	27 00
1912	40		1870	.....	27 00
1912	40		1870	.....	27 00
1912	40		1870	.....	27 00
1912	40		1870	.....	27 00
1912	40		1870	.....	27 00
1912	40		1884	.....	67 50

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1912	40	Public School 68	1885	.....	84 00
1912	40		1886	.....	80 15
1919	26	Public School 89	1901	162 21	.....
1919	26		1901	162 21	.....
1919	26		1901	162 21	.....
1919	26		1901	254 90	.....
1919	26		1901	139 03	.....
1919	26		1901	150 62	.....
1920	26	Library	1903	113 09	.....
1920	26		1904	151 34	.....
1920	26		1903	113 09	.....
1920	26		1904	151 34	.....
1919	38	Fire Department	1904	151 34	.....
1921	59	Fire Department	1892	.....	46 25
1922	36	Fitzpatrick Park	1896	.....	278 20
1922	41	Public School 10	1893	.....	9 10
1922	41		1893	.....	27 30
1922	41		1893	.....	54 60
1922	41		1893	.....	63 70
1922	41		1893	.....	72 80
1922	41		1893	.....	72 80
1922	41		1893	.....	72 80
1922	41		1893	.....	72 80
1922	41		1893	.....	72 80
1922	41		1893	.....	72 80
1925	19	Public School 81	1899	297 64	.....
1925	19		1905	983 70	.....
1950	56	Fire Department	1905	983 70	.....
1950	56		1905	119 24	.....
1957	135	St. Nicholas Park	1906	133 10	.....
1957	135		1901	69 51	.....
1957	135		1902	79 57	.....
1957	135		1903	70 68	.....
1957	135		1904	75 67	.....
1957	135		1905	74 52	.....
1957	135		1906	88 73	.....
1957	135		1902	34 10	.....
1957	135		1903	28 27	.....
1957	135		1904	30 26	.....
1957	135		1905	29 81	.....
1957	135		1906	29 57	.....
1957	135		1900	67 43	.....
1957	135		1901	69 51	.....
1957	135		1902	79 57	.....
1957	135		1903	70 68	.....
1957	135		1904	75 67	.....
1957	135		1905	74 52	.....
1957	135		1906	88 73	.....
1957	135		1900	67 43	.....
1957	135		1901	69 51	.....
1957	135		1902	68 20	.....
1957	135		1903	56 54	.....
1957	135		1904	60 53	.....
1957	135		1905	59 62	.....
1957	135		1906	73 94	.....
1957	135		1900	44 95	.....
1957	135		1901	46 34	.....
1957	135		1902	56 83	.....
1957	135		1903	49 47	.....
1957	135		1904	52 96	.....
1957	135		1905	52 16	.....
1957	135		1906	66 55	.....
1957	135		1900	33 71	.....
1957	135		1901	34 75	.....
1957	135		1902	45 46	.....
1957	135		1903	35 34	.....
1957	135		1904	37 83	.....
1957	135		1905	37 26	.....
1957	135		1906	36 97	.....
1957	135		1900	33 71	.....
1957	135		1901	34 75	.....
1957	135		1902	34 10	.....
1957	135		1903	28 27	.....
1957	135		1904	30 26	.....
1957	135		1905	29 81	.....
1957	135		1906	29 57	.....
1957	135		1900	33 71	.....
1957	135		1901	34 75	.....
1957	135		1902	34 10	.....
1957	135		1903	28 27	.....
1957	135		1904	30 26	.....
1957	135		1905	29 81	.....
1957	135		1906	29 57	.....
1957	135		1902	34 10	.....
1957	135		1903	28 27	.....
1957	135		1904	30 26	.....
1957	135		1905	29 81	.....
1957	135		1906	29 57	.....
1957	135		1902	34 10	.....
1957	135		1903	28 27	.....
1957	135		1904	30 26	.....
1957	135		1905	29 81	.....
1957	135		1906	29 57	.....
1957	135		1902	34 10	.....
1957	135		1903	28 27	.....
1957	135		1904	30 26	.....
1957	135		1905	29 81	.....
1957	135		1906	29 57	....
1957	135		1901	34 75	.....
1957	135		1902	45 46	.....
1957	135		1903	35 34	.....
1957	135		1904	37 83	.....
1957	135		1905	37 26	.....
1957	135		1906	51 76	.....
1957	135		1901	37 07	.....
1957	135		1902	56 83	.....
1957	135		1903	49 47	.....
1957	135		1904	52 96	.....
1957	135	St. Nicholas Park	1905	52 16	.....
1957	135		1906	66 55	.....
1957	135		1901	46 34	.....
1957	135		1902	68 20	.....
1957	135		1903	56 54	.....
1957	135		1904	60 53	.....
1957	135		1905	59 62	.....
1957	135		1906	73 94	.....
1957	135		1901	69 51	.....
1957	135		1902	90 93	.....
1957	135		1903	70 68	.....
1957	135		1904	90 80	.....
1957	135		1905	89 43	.....
1957	135		1906	118 31	.....
1957	135		1895	.....	47 75
1957	135		1901	92 69	.....
1957	135		1902	102 30	.....
1957	135		1903	91 88	.....
1957	135		1904	121 07	.....
1957	135		1905	119 24	.....
1957	135		1906	147 89	.....
1957	135		1895	.....	38 20
1957	135		1901	57 93	.....
1957	135		1902	68 20	.....
1957	135		1903	56 54	.....
1957	135		1904	75 67	.....
1957	135		1905	74 52	.....
1957	135		1906	103 52	.....
1957	135		1895	.....	38 20
1957	135		1901	57 93	.....
1957	135		1902	56 83	.....
1957	135		1903	49 47	.....
1957	135		1904	60 53	.....
1957	135		1905	59 62	.....
1957	135		1906	73 94	.....
1957	135		1895	.....	22 92
1957	135		1902	45 46	.....
1957	135		1903	35 34	.....
1957	135		1904	37 83	.....
1957	135		1905	37 26	.....
1957	135		1906	36 97	.....
1957	135		1902	29 55	.....
1957	135		1903	24 03	.....
1957	135		1904	25 72	.....
1957	135		1905	25 33	.....
1957	135		1906	25 14	.....
1957	135		1902	25 00	.....
1957	135		1903	19 79	.....
1957	135		1904	21 18	.....
1957	135		1905	20 86	.....
1957	135		1906	20 70	.....
1957	135		1902	20 46	.....
1957	135		1903	16 96	.....
1957	135		1904	18 16	.....
1957	135		1905	17 88	.....
1957	135		1906	17 74	.....
1957	135		1902	18 18	.....
1957	135		1903	14 13	.....
1957	135		1904	15 13	.....
1957	135		1905	14 90	.....
1957	135		1906	14 78	.....
1957	135		1902	15 91	.....
1957	135		1903	12 72	.....
1957	135		1904	13 62	.....
1957	135		1905	13 41	.....
1957	135		1906	13 31	.....
1957	135		1902	13 64	.....
1957	135		1903	11 30	.....
1957	135		1904	12 10	.....
1957	135		1905	11 92	.....
1957	135		1906	11 83	.....
1957	135		1902	11 36	.....
1957	135		1903	8 48	.....
1957	135		1904	9 08	.....
1957	132, now 135	St. Nicholas Park	1905	8 94	.....
1957	132, now 135		1906	8 87	.....
1957	132, now 135		1902	9 09	.....
1957	132, now 135		1903	7 06	.....
1957	132, now 135		1904	7 36	.....
1957	132, now 135		1905	7 45	.....
1957	132, now 135		1906	7 39	.....
1957	134, now 135	St. Nicholas Park	1900	6 74	.....
1957	134, now 135		1900	11 23	.....
1957	134, now 135		1901	81 10	.....
1957	134, now 135		1902	79 57	.....
1957	134, now 135		1903	70 68	.....
1957	134, now 135		1904	75 67	.....
1957	134, now 135		1905	74 52	.....
1957	134, now 135		1906	118 31	.....
1957	135	St. Nicholas Park	1902	204 60	.....
1957	135		1903	169 64	.....
1957	135		1904	227 01	.....
1957	135		1905	223 57	.....
1957	135		1906	369 72	.....
1957	136	St. Nicholas Park	1902	1,705 08	.....
1957	136		1903	1,413 67	.....
1957	136		1904	1,740 43	.....
1957	136		1905	1,714 08	.....
1957	136		1906	1,848 62	.....
1957	140	St. Nicholas Park	1900	67 43	.....
1957	140		1901	69 51	.....
1957	140		1902	68 20	.....
1957	140		1903	56 54	.....
1957	140		1904	60 53	.....
1957	140		1905	59 62	.....
1957	140		1906	59 15	.....
1957	140		1902	1,705 08	.....
1957	140		1903	1,413 67	.....
1957	140		1904	1,967 44	.....
1957	140		1905	1,937 66	.....
1957	140		1906	2,144 40	.....
1957	140		1900	26 97	.....
1957	140		1901	27 80	.....
1957	140		1902	27 28	.....
1957	140		1903	21 20	.....
1957	140		1904	22 70	.....
1957	140		1905	22 35	.....
1957	140		1906	29 57	.....
1957	140		1900	899 08	.....
1957	140		1901	926 93	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1957	140	St. Nicholas Park	1902	1,023 04	.....
1957	140		1903	848 20	.....
1957	140		1904	1,362 07	.....
1957	140		1905	1,341 45	.....
1957	140		1906	1,478 90	.....
1957	140		1900	89 90	.....
1957	140		1901	92 69	.....
1957	140		1902	90 93	.....
1957	140		1903	70 68	.....
1957	140		1904	75 67	.....
1957	140		1905	74 52	.....
1957	140		1906	73 94	.....
1957	140		1900	33 71	.....
1957	140		1901	34 75	.....
1957	140		1902	34 10	.....
1957	140		1903	28 27	.....
1957	140		1904	30 26	.....
1957	140		1905	29 81	.....
1957	140		1906	29 57	.....
1957	140		1900	33 71	.....
1957	140		1901	34 75	.....
1957	140		1902	34 10	.....
1957	140		1900	33 71	.....
1957	140		1901	34 75	.....
1957	140		1902	34 10	.....
1957	140		1903	28 27	.....
1957	140		1904	30 26	.....
1957	140		1905	29 81	.....
1957	140		1906	29 57

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1972	30	St. Nicholas Park	1903	77 75	.....
1972	30		1904	113 50	.....
1972	30		1905	126 69	.....
1972	30		1906	133 10	.....
1972	30		1902	125 03	.....
1972	30		1903	155 50	.....
1972	30		1904	196 74	.....
1972	30		1905	208 67	.....
1972	30		1906	221 83	.....
1972	30		1902	125 03	.....
1972	30		1903	155 50	.....
1972	30		1904	196 74	.....
1972	30		1905	208 67	.....
1972	30		1906	221 83	.....
1972	30		1902	79 57	.....
1972	30		1903	77 75	.....
1972	30		1904	113 50	.....
1972	30		1905	126 69	.....
1972	30		1906	133 10	.....
1972	30		1902	68 20	.....
1972	30		1903	70 68	.....
1972	30		1904	90 80	.....
1972	30		1905	96 88	.....
1972	30		1906	103 52	.....
1972	30		1902	68 20	.....
1972	30		1903	63 61	.....
1972	30		1904	83 23	.....
1972	30		1905	89 43	.....
1972	30		1906	96 12	.....
1972	30		1901	69 51	.....
1972	30		1902	68 20	.....
1972	30		1903	56 54	.....
1972	30		1904	75 67	.....
1972	30		1905	81 97	.....
1972	30		1906	96 12	.....
1972	30		1901	69 51	.....
1972	30		1902	68 20	.....
1972	30		1903	56 54	.....
1972	30		1904	75 67	.....
1972	30		1905	81 97	.....
1972	30		1906	96 12	.....
1972	30		1902	68 20	.....
1972	30		1903	56 54	.....
1972	30		1904	75 67	.....
1972	30		1905	81 97	.....
1972	30		1906	96 12	.....
1972	30		1902	68 20	.....
1972	30		1903	56 54	.....
1972	30		1904	75 67	.....
1972	30		1905	81 97	.....
1972	30		1906	96 12	.....
1972	30		1902	68 20	.....
1972	30		1903	56 54	.....
1972	30		1904	75 67	.....
1972	30		1905	81 97	.....
1972	30		1906	96 12	.....
1972	30		1902	68 20	.....
1972	30		1903	56 54	.....
1972	30		1904	75 67	.....
1972	30		1905	81 97	.....
1972	30		1906	96 12	.....
1972	30		1902	159 14	.....
1972	30		1903	155 50	.....
1972	30		1904	181 61	.....
1972	30		1905	193 76	.....
1972	30		1906	221 83	.....
1972	30		1902	113 67	.....
1972	30		1903	98 95	.....
1972	30		1904	121 07	.....
1972	30		1905	134 14	.....
1972	30		1906	147 89	.....
1972	30		1902	113 67	.....
1972	30		1903	98 95	.....
1972	30		1904	121 07	.....
1972	30		1905	134 14	.....
1972	30		1906	147 89	.....
1972	30		1902	113 67	.....
1972	30		1903	91 88	.....
1972	30		1904	98 37	.....
1972	30		1905	111 78	.....
1972	30		1906	125 70	.....
1984	33	Public School 43	1851	.....	76
1984	33		1906	214 44	.....
1984	33		1907	222 74	.....
1988	165	Montefiore Park	1906	88 73	.....
1988	165		1906	133 10	.....
1988	165		1906	147 89	.....
1988	165		1906	162 67	.....
1988	165		1906	177 46	.....
1988	165		1906	192 25	.....
1988	165		1906	207 04	.....
1988	165		1906	221 83	.....
1988	165		1906	236 62	.....
1988	165		1906	399 30	.....
2001	61	Part of extension, Riverside drive.	1900	11 24	.....
2001	61		1900	12 36	.....
2001	61		1900	14 61	.....
2001	61		1900	16 86	.....
2001	61		1900	19 10	.....
2001	61		1900	42 70	.....
2001	61		1901	9 27	.....
2001	61		1901	11 59	.....
2001	61		1901	53 30	.....
2001	61		1901	23 17	.....
2001	61		1901	16 22	.....
2001	61		1901	13 90	.....
2003	1	Bulkhead from West 116th st. to West 119th st.	1880	.....	20 24
2003	1		1880	.....	25 30
2003	1		1880	.....	27 83
2003	1		1881	.....	20 96
2003	1		1881	.....	26 20
2003	1		1881	.....	28 82
2003	1		1882	.....	18 00
2003	1		1882	.....	22 50
2003	1		1882	.....	24 75
2003	1		1883	.....	18 32
2003	1		1883	.....	22 90
2003	1		1883	.....	25 19
2003	1		1884	.....	18 00
2003	1		1884	.....	22 50
2003	1	Bulkhead from W. 116th to W. 119th st.	1884	.....	24 75
2003	1		1885	.....	19 20
2003	1		1885	.....	24 00
2003	1		1885	.....	26 40
2003	1		1886	.....	18 32
2003	1		1886	.....	22 90
2003	1		1886	.....	25 19
2003	1		1886	.....	3 43
2003	1		1887	.....	17 28
2003	1		1887	.....	21 60
2003	1		1887	.....	23 76
2003	1		1895	.....	24 83
2003	1		1895	.....	28 65
2003	1		1895	.....	21 01
2003	1		1896	.....	83 46
2003	1		1888	.....	17 76
2003	1		1888	.....	22 20
2003	1		1888	.....	24 42
2003	1		1889	.....	15 60
2003	1		1889	.....	19 50
2003	1		1889	.....	21 45
2003	1		1890	.....	15 76
2003	1		1890	.....	19 70
2003	1		1890	.....	21 67
2003	1		1891	.....	15 20
2003	1		1891	.....	19 00
2003	1		1891	.....	20 90
2003	1		1892	.....	14 80
2003	1		1892	.....	18 50
2003	1		1892	.....	20 35
2003	1		1893	.....	23 66
2003	1		1893	.....	27 30
2003	1		1893	.....	20 02
2003	1		1894	.....	23 27
2003	1		1894	.....	26 85
2003	1		1894	.....	19 69
2003	1		1880	.....	3 79
2003	1		1881	.....	3 93
2003	1		1882	.....	3 37
2003	1		1883	.....	3 43
2003	1		1895	.....	5 73
2003	1		1884	.....	3 37
2003	1		1885	.....	3 60
2003	1		1887	.....	4 32
2003	1		1888	.....	4 44
2003	1		1889	.....	3 90
2003	1		1890	.....	3 94
2003	1		1891	.....	3 80
2003	1		1892	.....	3 70
2003	1		1893	.....	5 46
2003	1		1894	.....	5 37
2003	1		1896	.....	42 80
2003	1		1898	.....	40 20
2003	1		1899	62 01	.....
2003	1		1900	56 19	.....
2003	1		1901	57 93	.....
2003	1		1902	56 83	.....
2003	1		1903	42 41	.....
2003	1		1904	45 40	.....
2003	1		1905	44 71	.....
2003	1		1906	44 36	.....
2003	1		1907	44 54	.....
2003	1		1908	48 42	.....
2003	1		1909	50 34	.....
2003	32, now 1	Bulkhead, North River, 116th to 129th st.	1880	.....	24 03
2003	32, now 1		1880	.....	20 24
2003	32, now 1		1880	.....	17 71
2003	32, now 1		1880	.....	16 44
2003	32, now 1		1880	.....	16 44
2003	32, now 1		1880	.....	22 77
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1870	.....	11 25
2003	32, now 1		1880	.....	26 56
2003	32, now 1		1880	.....	15 18
2003	32, now 1		1880	.....	27 83
2003	32, now 1		1881	.....	24 89
2003	32, now 1		1881	.....	20 96
2003	32, now 1		1881	.....	18 34
2003	32, now 1		1881	.....	17 03
2003	32, now 1		1881	.....	17 03
2003	32, now 1		1881	.....	23 58
2003	32, now 1		1881	.....	27 51
2003	32, now 1		1881	.....	15 72
2003	32, now 1		1881	.....	28 82
2003	32, now 1		1882	.....	21 37
2003	32, now 1		1882	.....	18 00
2003	32, now 1		1882	.....	15 75
2003	32, now 1		1882	.....	14 62
2003	32, now 1		1882	.....	14 62
2003	32, now 1		1882	.....	20 25
2003	32, now 1		1882	.....	23 62
2003	32, now 1		1882	.....	15 75
2003	32, now 1		1882	.....	24 75
2003	32, now 1		1883	.....	21 75
2003	32, now 1		1883	.....	18 32
2003	32, now 1		1883	.....	16 03
2003	32, now 1		1883	.....	14 88
2003	32, now 1		1883	.....	14 88
2003	32, now 1		1883	.....	16 03
2003	32, now 1		1883	.....	20 61
2003	32, now 1		1883	.....	24 04
2003	32, now 1		1883	.....	16 03
2003	32, now 1		1883	.....	25 19
2003	32, now 1		1884	.....	21 37
2003	32, now 1		1884	.....	18 00
2003	32, now 1		1884	.....	15 75
2003	32, now 1		1884	.....	14 62
2003	32, now 1		1884	.....	14 62
2003	32, now 1		1884	.....	15 75
2003	32, now 1		1884	.....	20 25
2003	32, now 1		1884	.....	23 62
2003	32, now 1		1884	.....	15 75

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2003	32, now 1	Bulkhead, North River, 116th to 129th st.	1884	.....	24 75
2003	32, now 1		1885	.....	22 80
2003	32, now 1		1885	.....	19 20
2003	32, now 1		1885	.....	16 80
2003	32, now 1		1885	.....	15 60
2003	32, now 1		1885	.....	15 60
2003	32, now 1		1885	.....	16 80
2003	32, now 1		1885	.....	21 60
2003	32, now 1		1885	.....	25 20
2003	32, now 1		1885	.....	16 80
2003	32, now 1		1885	.....	26 40
2003	32, now 1		1886	.....	21 75
2003	32, now 1		1886	.....	18 32
2003	32, now 1		1886	.....	16 03
2003	32, now 1		1886	.....	14 88
2003	32, now 1		1886	.....	14 88
2003	32, now 1		1886	.....	16 03
2003	32, now 1		1886	.....	20 61
2003	32, now 1		1886	.....	24 04
2003	32, now 1		1886	.....	16 03
2003	32, now 1		1886	.....	25 19
2003	32, now 1		1887	.....	21 60
2003	32, now 1		1887	.....	17 28
2003	32, now 1		1887	.....	15 12
2003	32, now 1		1887	.....	15 12
2003	32, now 1		1887	.....	15 12
2003	32, now 1		1887	.....	15 12
2003	32, now 1		1887	.....	19 44
2003	32, now 1		1887	.....	23 76
2003	32, now 1		1887	.....	15 12
2003	32, now 1		1887	.....	23 76
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	19 10
2003	32, now 1		1895	.....	28 65
2003	32, now 1		1895	.....	28 65
2003	32, now 1		1895	.....	47 75
2003	32, now 1		1896	.....	246 10
2003	32, now 1		1888	.....	22 20
2003	32, now 1		1888	.....	17 76
2003	32, now 1		1888	.....	15 54
2003	32, now 1		1888	.....	15 54
2003	32, now 1		1888	.....	15 54
2003	32, now 1		1888	.....	19 98
2003	32, now 1		1888	.....	24 42
2003	32, now 1		1888	.....	15 54
2003	32, now 1		1888	.....	24 42
2003	32, now 1		1888	.....	15 54
2003	32, now 1		1889	.....	19 50
2003	32, now 1		1889	.....	15 60
2003	32, now 1		1889	.....	13 65
2003	32, now 1		1889	.....	13 65
2003	32, now 1		1889	.....	13 65
2003	32, now 1		1889	.....	13 65
2003	32, now 1		1894	.....	17 90
2003	32, now 1		1894	.....	17 90
2003	32, now 1		1894	.....	17 90
2003	32, now 1		1894	.....	17 90
2003	32, now 1		1894	.....	26 85
2003	32, now 1		1894	.....	26 85
2003	32, now 1		1894	.....	44 75
2003	32, now 1		1889	.....	17 55
2003	32, now 1		1889	.....	21 45
2003	32, now 1		1889	.....	13 65
2003	32, now 1		1889	.....	21 45
2003	32, now 1		1890	.....	19 70
2003	32, now 1		1890	.....	15 76
2003	32, now 1		1890	.....	13 79
2003	32, now 1		1890	.....	13 79
2003	32, now 1		1890	.....	13 79
2003	32, now 1		1890	.....	17 73
2003	32, now 1		1890	.....	21 67
2003	32, now 1		1890	.....	19 70
2003	32, now 1		1890	.....	21 67
2003	32, now 1		1891	.....	19 00
2003	32, now 1		1891	.....	15 20
2003	32, now 1		1891	.....	13 30
2003	32, now 1		1891	.....	13 30
2003	32, now 1		1891	.....	13 30
2003	32, now 1		1891	.....	13 30
2003	32, now 1		1891	.....	17 10
2003	32, now 1		1891	.....	20 90
2003	32, now 1		1891	.....	19 00
2003	32, now 1		1891	.....	38 00
2003	32, now 1		1892	.....	12 95
2003	32, now 1		1892	.....	18 50
2003	32, now 1		1892	.....	14 80
2003	32, now 1		1892	.....	12 95
2003	32, now 1		1892	.....	12 95
2003	32, now 1		1892	.....	12 95
2003	32, now 1		1892	.....	16 65
2003	32, now 1		1892	.....	20 35
2003	32, now 1		1892	.....	18 50
2003	32, now 1		1892	.....	37 00
2003	32, now 1		1893	.....	18 20
2003	32, now 1		1893	.....	18 20
2003	32, now 1		1893	.....	18 20
2003	32, now 1		1893	.....	18 20
2003	32, now 1		1893	.....	18 20
2003	32, now 1		1893	.....	18 20
2003	32, now 1		1893	.....	27 30
2003	32, now 1		1893	.....	27 30
2003	32, now 1		1893	.....	45 50
2003	32, now 1		1894	.....	17 90
2003	32, now 1		1894	.....	17 90
2003	32, now 1		1894	.....	17 90
2003	32, now 1		1894	.....	17 90
2004	6	Bulkhead, north side 129th st., between Hudson River and 12th ave.....	1890	.....	59 10
2004	6		1891	.....	57 00
2004	6		1892	.....	55 50
2004	6		1893	.....	54 60
2004	6		1894	.....	53 70
2004	6		1906	591 56	.....
2004	6		1907	593 99	.....
2004	6	Bulkhead, north side 129th st., between Hudson River and 12th ave.	1908	645 62	.....
2004	6		1909	671 21	.....
2004	6		1870	.....	22 50
2004	6		1880	.....	15 18
2004	6		1881	.....	15 72
2004	6		1882	.....	18 00
2004	6		1883	.....	18 32
2004	6		1895	.....	57 30
2004	6		1896	.....	428 00
2004	6		1897	.....	420 00
2004	6		1898	.....	402 00
2004	6		1899	496 08	.....
2004	6		1900	449 54	.....
2004	6		1901	463 46	.....
2004	6		1902	454 68	.....
2004	6		1903	424 10	.....
2004	6		1904	454 02	.....
2004	6		1905	596 20	.....
2004	6		1884	.....	18 00
2004	6		1885	.....	19 20
2004	6		1886	.....	22 90
2004	6		1887	.....	43 20
2004	6		1888	.....	44 40
2004	6		1889	.....	39 00
2004	30	Bulkhead	1870	.....	22 50
2004	30		1870	.....	22 50
2004	30		1880	.....	36 68
2004	30		1880	.....	40 48
2004	30		1881	.....	39 30
2004	30		1881	.....	41 92
2004	30		1882	.....	33 75
2004	30		1882	.....	40 50
2004	30		1883	.....	34 35
2004	30		1883	.....	41 22
2004	30		1896	.....	107 00
2004	30		1870	.....	22 50
2004	30		1884	.....	33 75
2004	30		1884	.....	40 50
2004	30		1885	.....	36 00
2004	30		1885	.....	43 20
2004	30		1886	.....	343 50
2004	30		1886	.....	45 80
2004	30		1887	.....	324 00
2004	30		1887	.....	43 20
2004	30		1888	.....	333 00
2004	30		1888	.....	44 40
2004	30		1889	.....	292 50
2004	30		1889	.....	39 00
2004	30		1890	.....	295 50
2004	30		1890	.....	49 25
2004	30		1891	.....	285 00
2004	30		1891	.....	190 00
2004	30		1892	.....	277 50
2004	30		1892	.....	92 50
2004	30		1892	.....	9 25
2004	30		1892	.....	18 50
2004	30		1893	.....	273 00
2004	30		1893	.....	91 00
2004	30		1893	.....	9 10
2004	30		1893	.....	18 20
2004	30		1894	.....	268 50
2004	30		1894	.....	89 50
2004	30		1894	.....	8 95
2004	30		1894	.....	17 90
2004	30		1895	.....	286 50
2004	30		1895	.....	95 50
2004	30		1895	.....	9 55
2004	30		1895	.....	19 10
2004	30		1897	.....	21 00
2004	30		1897	.....	105 00
2004	30		1896	.....	21 40
2004	30		1896	.....	107 00
2004	30		1896	.....	107 00
2004	30		1898	.....	20 10
2004	30		1898	.....	100 50
2004	30		1899	24 80	.....
2004	30		1899	124 02	.....
2004	30		1900	22 47	.....
2004	30		1900	112 38	.....
2004	30		1901	23 17	.....
2004	30		1901	115 86	.....
2004	30		1902	22 73	.....
2004	30		1902	113 67	.....
2004	30		1903	16 96	.....
2004	30		1903	141 36	.....
2004	56	Pier	1880	.....	50 60
2004	56		1880	.....	40 48
2004	56		1881	.....	62 88
2004	56		1881	.....	41 92
2004	57	Bulkhead	1870	.....	11 25
2004	57		1892	.....	148 00
2004	57		1893	.....	455 00
2004	57		1894	.....	447 50
2004	57		1895	.....	477 50
2004	57		1896	.....	556 40
2004	57		1897	.....	546 00
2004	57		1898	.....	522 60
2004	57		1899	644 90	.....
2004	57		1900	584 40	.....
2004	57		1901	602 50	.....
2004	57		1902	591 09	.....
2004	57		1903	494 78	.....
2004	57		1904	529 69	.....
2004	57		1905	521 67	.....
2004	57		1898	.....	522 60
2004	57		1908	726 33	.....
2004	57		1909	755 11	.....
2004	92	Bulkhead	1896	.....	321 00
2004	96	Bulkhead	1895	.....	477 50
2004	96		1896	.....	599 20
2004	96		1897	.....	588 00
2004	96		1898	.....	562 80
2004	96		1899	694 50	.....
2004	96		1900	629 35	.....
2004	96		1901	648 85	.....
2004	96		1902	636 56	.....
2004	96		1903	494 78	.....
2004	96		1904	529 69	.....
2004	96		1905	521 67	.....
2004	96		1893	.....	455 00
2004	96		1894	.....	447 50

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2004	96	Bulkhead	1906	517 61	.....
2004	96		1907	519 74	.....
2004	96		1908	726 33	.....
2004	96		1909	755 11	.....
2004	117	Bulkhead	1896	.....	171 20
2005	1	Bulkhead	1896	.....	171 20
2005	24	Bulkhead	1896	.....	321 00
2005	43	Bulkhead	1896	.....	107 00
2005	68	Bulkhead	1894	.....	35 80
2005	68		1894	.....	35 80
2005	68		1895	.....	38 20
2005	68	Bulkhead	1880	.....	36 68
2005	68		1881	.....	37 99
2005	68		1882	.....	32 62
2005	68		1883	.....	33 20
2005	68		1884	.....	32 62
2005	68		1885	.....	34 80
2005	68		1885	.....	19 20
2005	68		1886	.....	33 20
2005	68		1886	.....	45 80
2005	68		1887	.....	32 40
2005	68		1887	.....	43 20
2005	68		1895	.....	38 20
2005	68		1896	.....	107 00
2005	68		1888	.....	33 30
2005	68		1888	.....	44 40
2005	68		1889	.....	29 25
2005	68		1889	.....	39 00
2005	68		1890	.....	39 40
2005	68		1891	.....	28 50
2005	68		1891	.....	38 00
2005	68		1892	.....	27 75
2005	68		1892	.....	37 00
2005	68		1893	.....	36 40
2005	68		1893	.....	36 40
2028	51	Fire Department	1903	77 75	.....
2028	51		1903	77 75	.....
2033	12	Public School 90	1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2033	12		1901	69 51	.....
2039	23	Harlem Lane Park	1894	.....	1,342 50
2040	29	Park Department	1894	.....	268 50
2042	30	Public School 5	1898	.....	120 60
2042	30		1898	.....	120 60
2042	30		1899	148 82	.....
2042	30		1899	148 82	.....
2042	30		1899	124 02	.....
2049	1	St. Nicholas Park	1902	1,432 26	.....
2049	1		1903	1,201 61	.....
2049	1		1904	1,286 40	.....
2049	1		1905	1,266 93	.....
2049	1		1906	1,257 06	.....
2049	1		1902	181 87	.....
2049	1		1903	141 36	.....
2049	1		1904	151 34	.....
2049	1		1905	149 05	.....
2049	1		1906	147 89	.....
2049	1		1902	181 87	.....
2049	1		1903	141 36	.....
2049	1		1904	151 34	.....
2049	1		1905	149 05	.....
2049	1		1906	147 89	.....
2049	12	College City of New York	1897	.....	5 25
2049	12		1897	.....	9 45
2049	12		1898	.....	20 10
2049	12		1898	.....	20 10
2049	12		1898	.....	20 10
2049	12		1898	.....	20 10
2049	12		1898	.....	80 40
2049	12		1898	.....	40 20
2049	12		1894	.....	59 97
2049	12		1894	.....	31 33
2049	12		1895	.....	73 06
2049	12		1895	.....	38 20
2049	12		1896	.....	128 40
2049	12		1896	.....	53 50
2049	12		1896	.....	85 60
2049	12		1886	.....	36 64
2049	12		1886	.....	35 50
2049	12		1887	.....	51 84
2049	12		1887	.....	52 92
2049	12		1888	.....	64 38
2049	12		1888	.....	65 49
2049	12		1905	26 82	.....
2049	12		1906	26 62	.....
2049	12		1907	26 72	.....
2049	12		1908	29 05	.....
2049	12		1909	30 20	.....
2049	12		1908	129 12	.....
2049	12		1909	167 80	.....
2049	92	St. Nicholas Park	1900	56 19	.....
2049	92		1901	57 93	.....
2049	92		1902	56 83	.....
2049	92		1903	42 41	.....
2049	92		1904	45 40	.....
2049	92		1905	44 71	.....
2049	92		1906	44 36	.....
2049	92		1900	22 47	.....
2049	92		1901	23 17	.....
2049	92		1902	22 73	.....
2049	92		1903	19 79	.....
2049	92		1904	21 18	.....
2049	92		1905	20 86	.....
2049	92		1906	20 70	.....
2049	92		1900	22 47	.....
2049	92		1901	23 17	.....
2049	92		1902	22 73	.....
2049	92		1903	19 79	.....
2049	92		1904	21 18	.....
2049	92		1905	20 86	.....
2049	92		1906	20 70	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years
2049	92	St. Nicholas Park	1900	44 95	.....
2049	92		1901	46 34	.....
2049	92		1902	45 46	.....
2049	92		1903	33 92	.....
2049	92		1904	36 32	.....
2049	92		1905	35 77	.....
2049	92		1906	35 49	.....
2049	92		1900	22 47	.....
2049	92		1901	23 17	.....
2049	92		1902	22 73	.....
2049	92		1903	21 20	.....
2049	92		1904	22 70	.....
2049	92		1905	22 35	.....
2049	92		1906	22 18	.....
2049	92		1900	13 48	.....
2049	92		1901	13 90	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1900	13 48	.....
2049	92		1901	13 90	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1900	13 48	.....
2049	92		1901	13 90	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1900	13 48	.....
2049	92		1901	13 90	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1893	.....	36 40
2049	92		1894	.....	35 80
2049	92		1895	.....	38 20
2049	92		1900	44 95	.....
2049	92		1901	46 34	.....
2049	92		1902	45 46	.....
2049	92		1903	35 34	.....
2049	92		1904	37 83	.....
2049	92		1905	37 26	.....
2049	92		1906	36 97	.....
2049	92		1900	33 71	.....
2049	92		1901	34 75	.....
2049	92		1902	34 10	.....
2049	92		1903	25 44	.....
2049	92		1904	27 24	.....
2049	92		1905	26 82	.....
2049	92		1906	26 62	.....
2049	92		1902	4 54	.....
2049	92		1903	4 24	.....
2049	92		1904	4 54	.....
2049	92		1905	4 47	.....
2049	92		1906	4 43	.....
2049	92		1902	6 82	.....
2049	92		1903	7 06	.....
2049	92		1904	7 56	.....
2049	92		1905	7 45	.....
2049	92		1886	.....	27 48
2049	92		1906	7 39	.....
2049	92		1902	11 36	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	18 18	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1902	18 18	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1902	18 18	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1902	18 18	.....
2049	92		1903	14 13	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2049	92	St. Nicholas Park	1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1902	18 18	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1902	18 18	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1902	22 73	.....
2049	92		1903	16 96	.....
2049	92		1904	18 16	.....
2049	92		1905	17 88	.....
2049	92		1906	17 74	.....
2049	92		1902	45 46	.....
2049	92		1903	35 34	.....
2049	92		1904	37 83	.....
2049	92		1905	37 26	.....
2049	92		1906	36 97	.....
2049	92		1900	22	.....
2049	92		1901	23	.....
2049	92		1902	22	.....
2049	92		1903	28	.....
2049	92		1904	30	.....
2049	92		1905	29	.....
2049	92		1906	29	.....
2049	92		1900	15 73	.....
2049	92		1901	16 22	.....
2049	92		1902	15 91	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1900	22 47	.....
2049	92		1901	23 17	.....
2049	92		1902	22 73	.....
2049	92		1903	16 96	.....
2049	92		1904	18 16	.....
2049	92		1905	17 88	.....
2049	92		1906	17 74	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11.92	.....
2049	92		1906	11 83	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	27 28	.....
2049	92		1903	22 61	.....
2049	92		1904	24 21	.....
2049	92		1905	23 84	.....
2049	92		1906	23 66	.....
2049	92		1902	34 10	.....
2049	92		1903	28 27	.....
2049	92		1904	30 26	.....
2049	92		1905	29 81	.....
2049	92		1906	29 57	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	9 09	.....
2049	92		1903	8 48	.....
2049	92		1904	9 08	.....
2049	92		1905	8 94	.....
2049	92		1906	8 87	.....
2049	92		1902	9 09	.....
2049	92		1903	8 48	.....
2049	92		1904	9 08	.....
2049	92		1905	8 94	.....
2049	92		1906	8 87	.....
2049	92		1900	26 97	.....
2049	92		1901	27 80	.....
2049	92		1902	27 28	.....
2049	92		1903	19 79	.....
2049	92		1904	21 18	.....
2049	92		1905	20 86	.....
2049	92		1906	20 70	.....
2049	92		1902	22 73	.....
2049	92		1903	16 96	.....
2049	92		1904	18 16	.....
2049	92		1905	17 88	.....
2049	92		1906	17 74	.....
2049	92		1902	18 18	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1902	2 27	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2049	92	St. Nicholas Park	1903	2 12	.....
2049	92		1904	2 27	.....
2049	92		1905	2 23	.....
2049	92		1906	2 21	.....
2049	92		1902	2 27	.....
2049	92		1903	2 12	.....
2049	92		1904	2 27	.....
2049	92		1905	2 23	.....
2049	92		1906	2 21	.....
2049	92		1902	2 27	.....
2049	92		1903	2 12	.....
2049	92		1904	2 27	.....
2049	92		1905	2 23	.....
2049	92		1906	2 21	.....
2049	92		1902	68 20	.....
2049	92		1903	49 47	.....
2049	92		1904	52 96	.....
2049	92		1905	52 16	.....
2049	92		1906	51 76	.....
2049	92		1902	68 20	.....
2049	92		1903	49 47	.....
2049	92		1904	52 96	.....
2049	92		1905	52 16	.....
2049	92		1906	51 76	.....
2049	92		1898	.....	100 50
2049	92		1900	112 38	.....
2049	92		1901	115 86	.....
2049	92		1902	113 67	.....
2049	92		1903	84 82	.....
2049	92		1904	52 96	.....
2049	92		1905	52 16	.....
2049	92		1906	51 76	.....
2049	92		1902	68 20	.....
2049	92		1903	49 47	.....
2049	92		1904	52 96	.....
2049	92		1905	52 16	.....
2049	92		1906	51 76	.....
2049	92		1900	78 66	.....
2049	92		1901	81 10	.....
2049	92		1902	79 57	.....
2049	92		1903	59 37	.....
2049	92		1904	63 56	.....
2049	92		1905	62 60	.....
2049	92		1906	62 11	.....
2049	92		1900	78 66	.....
2049	92		1901	81 10	.....
2049	92		1902	79 57	.....
2049	92		1903	50 89	.....
2049	92		1904	54 48	.....
2049	92		1905	53 65	.....
2049	92		1906	53 24	.....
2049	12	College, City of New York	1896	.....	81 86
2049	12		1896	.....	42 80
2049	12		1896	.....	42 80
2049	12		1896	.....	21
2049	12		1896	.....	5 35
2049	12		1896	.....	9 63
2049	12		1897	.....	52 50
2049	12		1897	.....	21 00
2049	12		1897	.....	21 00
2049	12		1897	.....	21 00
2049	12		1897	.....	21 00
2049	12		1897	.....	79 80
2049	12		1897	.....	42 00
2049	12		1897	.....	21
2049	12		1889	.....	56 55
2049	12		1889	.....	57 53
2049	12		1891	.....	63 65
2049	12		1891	.....	65 55
2049	12		1892	.....	61 98
2049	12		1892	.....	63 83
2049	12		1890	.....	67 97
2049	12		1890	.....	66 00
2049	12		1893	.....	60 97
2049	12		1893	.....	31 85
2049	92	St. Nicholas Park	1900	56 19	.....
2049	92		1901	57 93	.....
2049	92		1902	56 83	.....
2049	92		1903	42 41	.....
2049	92		1904	45 40	.....
2049	92		1905	44 71	.....
2049	92		1906	44 36	.....
2049	92		1900	58 44	.....
2049	92		1901	60 25	.....
2049	92		1902	59 10	.....
2049	92		1903	42 41	.....
2049	92		1904	45 40	.....
2049	92		1905	44 71	.....
2049	92		1906	44 36	.....
2049	92		1900	62 93	.....
2049	92		1901	64 88	.....
2049	92		1902	63 65	.....
2049	92		1903	46 65	.....
2049	92		1904	49 94	.....
2049	92		1905	49 18	.....
2049	92		1906	48 80	.....
2049	92		1900	62 93	.....
2049	92		1901	64 88	.....
2049	92		1902	63 65	.....
2049	92		1903	46 65	.....
2049	92		1904	49 94	.....
2049	92		1905	49 18	.....
2049	92		1906	48 80	.....
2049	92		1900	67 43	.....
2049	92		1901	69 51	.....
2049	92		1902	68 20	.....
2049	92		1903	50 89	.....
2049	92		1904	54 48	.....
2049	92		1905	53 65	.....
2049	92		1906	53 24	.....
2049	92		1900	67 43	.....
2049	92		1901	69 51	.....
2049	92		1902	68 20	.....
2049	92		1903	50 89	.....
2049	92		1904	54 48	.....
2049	92		1905	53 65	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2049	92	St. Nicholas Park	1906	53 24	.....
2049	92		1900	44 95	.....
2049	92		1901	46 34	.....
2049	92		1902	45 46	.....
2049	92		1900	26 97	.....
2049	92		1901	27 80	.....
2049	92		1902	27 28	.....
2049	92		1903	19 79	.....
2049	92		1904	21 18	.....
2049	92		1905	20 86	.....
2049	92		1906	20 70	.....
2049	92		1902	68 20	.....
2049	92		1903	50 89	.....
2049	92		1904	54 48	.....
2049	92		1905	53 65	.....
2049	92		1906	53 24	.....
2049	92		1900	40 45	.....
2049	92		1901	41 71	.....
2049	92		1902	40 92	.....
2049	92		1903	28 27	.....
2049	92		1904	30 26	.....
2049	92		1905	29 81	.....
2049	92		1906	29 57	.....
2049	92		1900	17 98	.....
2049	92		1901	18 53	.....
2049	92		1902	18 18	.....
2049	92		1903	12 72	.....
2049	92		1904	13 62	.....
2049	92		1905	13 41	.....
2049	92		1906	13 31	.....
2049	92		1900	17 98	.....
2049	92		1901	18 53	.....
2049	92		1902	18 18	.....
2049	92		1903	12 72	.....
2049	92		1904	13 62	.....
2049	92		1905	13 41	.....
2049	92		1906	13 31	.....
2049	92		1900	20 22	.....
2049	92		1901	20 85	.....
2049	92		1902	20 46	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1900	20 22	.....
2049	92		1901	20 85	.....
2049	92		1902	20 46	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1900	20 22	.....
2049	92		1901	20 85	.....
2049	92		1902	20 46	.....
2049	92		1903	14 13	.....
2049	92		1904	15 13	.....
2049	92		1905	14 90	.....
2049	92		1906	14 78	.....
2049	92		1900	33 71	.....
2049	92		1901	34 75	.....
2049	92		1902	34 10	.....
2049	92		1903	24 03	.....
2049	92		1904	25 72	.....
2049	92		1905	25 33	.....
2049	92		1906	25 14	.....
2049	92		1900	33 71	.....
2049	92		1901	34 75	.....
2049	92		1902	34 10	.....
2049	92		1903	25 44	.....
2049	92		1904	27 24	.....
2049	92		1905	26 82	.....
2049	92		1906	26 62	.....
2049	92		1900	269 72	.....
2049	92		1901	278 07	.....
2049	92		1902	272 81	.....
2049	92		1903	212 05	.....
2049	92		1904	227 01	.....
2049	92		1905	223 57	.....
2049	92		1906	221 83	.....
2049	92		1902	193 24	.....
2049	92		1903	148 43	.....
2049	92		1904	158 90	.....
2049	92		1905	156 50	.....
2049	92		1906	155 28	.....
2049	92		1902	11 36	.....
2049	92		1903	9 89	.....
2049	92		1904	10 59	.....
2049	92		1905	10 43	.....
2049	92		1906	10 35	.....
2049	92		1902	22 73	.....
2049	92		1903	16 96	.....
2049	92		1904	18 16	.....
2049	92		1905	17 88	.....
2049	92		1906	17 74	.....
2049	92		1902	22 73	.....
2049	92		1903	16 96	.....
2049	92		1904	18 16	.....
2049	92		1905	17 88	.....
2049	92		1906	17 74	.....
2049	92		1903	32 51	.....
2049	92		1904	34 80	.....
2049	92		1905	34 28	.....
2049	92		1906	34 01	.....
2049	92		1900	56 19	.....
2049	92		1901	57 93	.....
2049	92		1902	56 83	.....
2049	92		1903	42 41	.....
2049	92		1904	45 40	.....
2049	92		1905	44 71	.....
2049	92		1906	44 36	.....
2049	92		1902	159 14	.....
2049	92		1903	127 23	.....
2049	92		1904	136 20	.....
2049	92		1905	134 14	.....
2049	92		1906	133 10	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92	St. Nicholas Park	1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1902	13 64	.....
2049	92		1903	11 30	.....
2049	92		1904	12 10	.....
2049	92		1905	11 92	.....
2049	92		1906	11 83	.....
2049	92		1902	11 36	.....
2049	92		1903	9 89	.....
2049	92		1904	10 59	.....
2049	92		1905	10 43	.....
2049	92		1906	10 35	.....
2049	92		1902	2 27	.....
2049	92		1903	2 12	.....
2049	92		1904	2 27	.....
2049	92		1905	2 23	.....
2049	92		1906	2 21	.....
2049	92		1902	2 27	.....
2049	92		1903	2 12	.....
2049	92		1904	2 27	.....
2049	92		1905	2 23	.....
2049	92		1906	2 21	.....
2049	92		1902	113 67	.....
2049	92		1903	91 88	.....
2049	92		1904	98 37	.....
2049	92		1905	96 88	.....
2049	92		1906	96 12	.....
2049	92		1902	79 57	.....
2049	92		1903	56 54	.....
2049	92		1904	60 53	.....
2049	92		1905	59 62	.....
2049	92		1906	59 15	.....
2049	92		1902	68 20	.....
2049	92		1903	49 47	.....
2049	92		1904	52 96	.....
2049	92		1905	52 16	.....
2049	92		1906	51 76	.....
2049	92		1902	68 20	.....
2049	92		1903	49 47	.....
2049	92		1904	52 96	.....
2049	92		1905	52 16	.....
2049	92		1906	51 76	.....
2049	92		1902	90 93	.....
2049	92		1903	84 82	.....
2049	92		1904	90 80	.....
2049	92		1905	89 43	.....
2049	92		1906	88 73	.....
2049	92		1909	167 80	.....
2049	92		1909	117 46	.....
2049	92		1909	117 46	.....
2049	92		1909	117 46	.....
2049	92		1909	117 46	.....
2049	92		1909	117 46	.....
2049	92		1909	117 46	.....
2049	92		1909	176 19	.....
2052	1	Colonial Park	1899	446 47	.....
2052	1		1899	124 02	.....
2052	1		1899	86 81	.....
2052	1		1899	49 60	.....
2052	1		1899	62 01	.....
2052	1		1899	148 82	.....
2052	1		1899	49 60	.....
2052	1		1899	12 40	.....
2052	1		1899	7 44	.....
2052	1		1899	49 60	.....
2052	1		1899	148 82	.....
2052	1		1899	49 60	.....
2052	1		1899	44 64	.....
2052	1		1899	7 44	.....
2052	1		1899	17 36	.....
2052	1		1899	99 21	.....
2052	1		1899	37 20	.....
2052	1		1899	99 21	.....
2052	1		1899	17 36	.....
2052	1		1899	198 43	.....
2052	1		1899	62 01	.....
2052	1		1899	198 43	.....
2052	1		1899	74 40	.....
2052	1		1899	223 23	.....
2052	1		1899	37 20	.....
2052	1		1899	148 82	.....
2052	1		1899	124 02	.....
2052	1		1899	272 84	.....
2052	1		1899	1,450 98	.....
2052	1		1899	173 62	.....
2052	1		1899	248 04	.....
2052	1		1899	12 40	.....
2052	1		1899	34 72	.....
2052	1		1899	29 76	.....
2052	1		1899	12 40	.....
2052	1		1899	34 72	.....
2052	1		1899	44 64	.....
2052	1		1899	148 80	.....
2052	1		1899	198 43	.....
2052	1		1899	148 82	.....
2052	1		1899	49 60	.....
2052	1		1899	148 82	.....
2052	1		1899	52 08	.....
2052	1		1899	62 01	.....
2055	1		1899	37 20	.....
2055	1		1899	69 44	.....
2055	1		1899	19 84	.....
2055	1		1899	29 76	.....
2055	1		1899	49 60	.....
2055	1		1889	.....	13 65
2055	1		1891	.....	15 20
2055	1		1899	9 92	.....
2055	1		1899	59 52	.....
2055	1		1899	9 92	.....
2055	1		1899	14 88	.....
2055	1		1899	24 80	.....
2055	1		1899	99 20	.....
2055	1		1899	99 20	.....
2055	1		1899	74 41	.....
2055	1		1899	24 80	.....
2055	1		1899	99 21	.....
2055	1		1899	297 60	.....
2055	1		1899	49 60	.....
2055	1		1899	124 02	.....
2055	1		1899	198 40	.....
2055	1		1899	198 43	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2055	1	Colonial Park	1899	267 84	.....
2055	1		1899	148 80	.....
2055	1		1899	248 04	.....
2055	1		1899	173 62	.....
2055	1		1899	99 21	.....
2055	1		1899	334 80	.....
2055	1		1899	74 41	.....
2055	1		1899	86 81	.....
2056	1	College City of New York	1902	159 14	.....
2056	1		1903	141 36	.....
2056	1		1904	151 34	.....
2056	1		1905	149 05	.....
2056	1		1906	221 83	.....
2056	1		1902	113 67	.....
2056	1		1903	106 02	.....
2056	1		1904	113 50	.....
2056	1		1905	111 78	.....
2056	1		1906	147 89	.....
2056	1		1902	113 67	.....
2056	1		1903	106 02	.....
2056	1		1904	113 50	.....
2056	1		1905	111 78	.....
2056	1		1906	147 89	.....
2056	1		1902	68 20	.....
2056	1		1903	63 61	.....
2056	1		1904	68 10	.....
2056	1		1905	67 07	.....
2056	1		1906	66 55	.....
2056	1		1902	68 20	.....
2056	1		1903	63 61	.....
2056	1		1904	68 10	.....
2056	1		1905	67 07	.....
2056	1		1906	66 55	.....
2056	1		1902	68 20	.....
2056	1		1903	63 61	.....
2056	1		1904	68 10	.....
2056	1		1905	67 07	.....
2056	1		1906	66 55	.....
2056	1		1902	68 20	.....
2056	1		1903	63 61	.....
2056	1		1904	68 10	.....
2056	1		1905	67 07	.....
2056	1		1906	66 55	.....
2056	1		1902	22 73	.....
2056	1		1903	21 20	.....
2056	1		1904	22 70	.....
2056	1		1905	22 35	.....
2056	1		1906	22 18	.....
2056	1		1902	22 73	.....
2056	1		1903	16 96	.....
2056	1		1904	18 16	.....
2056	1		1905	17 88	.....
2056	1		1906	17 74	.....
2056	1		1902	1,477 73	.....
2056	1		1903	1,272 30	.....
2056	1		1904	1,362 07	.....
2056	1		1905	1,341 45	.....
2056	1		1906	1,478 90	.....
2056	29	College City of New York	1896	.....	85 60
2056	29		1896	.....	66 34
2056	29		1896	.....	321 00
2056	29		1896	.....	85 60
2056	29		1896	.....	85 60
2057	1	College City of New York	1905	506 77	.....
2057	2, now 1	College City of New York	1905	476 96	.....
2057	3, now 1	College City of New York	1905	111 78	.....
2057	4, now 1	College City of New York	1905	134 14	.....
2057	5, now 1	College City of New York	1896	.....	256 80
2057	5, now 1	College City of New York	1896	.....	214 00
2057	25, now 1	College City of New York	1905	506 77	.....
2057	26, now 1	College City of New York	1905	476 96	.....
2057	27, now 1	College City of New York	1905	111 78	.....
2057	28, now 1	College City of New York	1905	134 14	.....
2058	11	College City of New York	1907	296 99	.....
2066	1	Aqueduct	1907	267 29	.....
2066	1		1908	290 53	.....
2071	38	Fire Department	1893	.....	45 50
2072	11	College, City of New York	1907	259 87	.....
2072	13	College, City of New York	1905	134 14	.....
2072	13		1906	162 67	.....
2072	13		1907	163 34	.....
2072	14	College, City of New York	1905	89 43	.....
2072	14		1906	110 91	.....
2072	14		1907	111 37	.....
2072	15	College, City of New York	1905	92 41	.....
2072	15		1906	118 31	.....
2072	15		1907	118 79	.....
2072	16	College, City of New York	1905	96 88	.....
2072	16		1906	125 70	.....
2072	16		1907	126 22	.....
2072	47	College, City of New York	1905	417 34	.....
2072	47		1906	488 03	.....
2072	47		1907	490 04	.....
2072	51	College, City of New York	1905	89 43	.....
2072	51		1906	118 31	.....
2072	51		1907	118 79	.....
2072	52	College, City of New York	1905	89 43	.....
2072	52		1906	118 31	.....
2072	52		1907	118 79	.....
2072	53	College, City of New York	1905	89 43	.....
2072	53		1906	118 31	.....
2072	53		1907	118 79	.....
2072	54	College, City of New York	1905	111 78	.....
2072	54		1906	140 49	.....
2072	54		1907	141 07	.....
2075	29	Public Square	1873	.....	45 00
2075	29		1877	.....	2 65
2075	29		1878	.....	2 55
2075	29		1879	.....	2 58
2075	29		1880	.....	2 53
2075	29		1881	.....	2 62
2075	29		1882	.....	2 25
2075	29		1883	.....	2 29
2075	29		1884	.....	2 25
2075	29		1885	.....	2 40
2075	29		1887	.....	2 16
2075	29		1888	.....	2 22
2075	29		1890	.....	1 97
2075	29		1891	.....	1 90
2075	29		1892	.....	1 85
2075	29		1893	.....	1 82
2075	29		1894	.....	1 79
2075	29		1895	.....	1 91
2075	29		1896	.....	2 14
2075	29		1897	.....	2 10
2075	29		1898	.....	2 01
2075	29		1899	2 48	.....
2075	29		1886	.....	2 29
2075	29		1889	.....	1 95
2077	26	Library	1905	44 71	.....
2077	26		1905	111 78	.....
2077	26		1905	111 78	.....
2083	33	Police Department	1863	.....	61 05
2083	33		1869	.....	68 10
2088	1 & in St.	Ex. Riverside Drive	1905	44 71	.....
2088	1 & in St.		1905	44 71	.....
2093	1	Ex. Riverside Drive	1880	.....	126 50
2093	1		1881	.....	183 40
2093	1		1882	.....	157 50
2093	1		1883	.....	160 30
2093	1		1884	.....	157 50
2093	1		1885	.....	168 00
2093	1		1886	.....	160 30
2093	1		1887	.....	151 20
2093	1		1888	.....	155 40
2093	1		1889	.....	136 50
2093	1		1890	.....	137 90
2093	1		1891	.....	133 00
2093	1		1892	.....	129 50
2093	1		1893	.....	163 80
2093	1		1894	.....	161 10
2093	1		1895	.....	171 90
2093	1		1896	.....	192 60
2093	1		1897	.....	189 00
2093	1		1898	.....	180 90
2093	1		1899	372 06	.....
2093	1		1900	337 15	.....
2093	1		1901	347 59	.....
2093	1		1902	341 01	.....
2093	1		1903	254 46	.....
2093	1		1904	272 41	.....
2093	1		1905	268 29	.....
2093	1		1906	340 14	.....
2093	1		1907	341 54	.....
2093	1		1908	371 23	.....
2093	1		1909	385 94	.....
2093	1		1910	404 31	.....
2094	1	Ex. Riverside Drive	1880	.....	37 95
2094	1		1881	.....	41 92
2094	1		1882	.....	36 00
2094	1		1883	.....	36 64
2094	1		1884	.....	36 00
2094	1		1885	.....	38 40
2094	1		1886	.....	36 64
2094	1		1887	.....	34 56
2094	1		1888	.....	35 52
2094	1		1889	.....	39 00
2094	1		1890	.....	39 40
2094	1		1891	.....	38 00
2094	1		1892	.....	37 00
2094	1		1893	.....	54 60
2094	1		1894	.....	53 70
2094	1		1895	.....	57 30
2094	1		1896	.....	64 20
2094	1		1897	.....	63 00
2094	1		1898	.....	60 30
2094	1		1899	99 21	.....
2094	1		1900	89 90	.....
2094	1		1901	92 69	.....
2094	1		1902	90 93	.....
2094	1	Extension Riverside Drive	1903	70 68	.....
2094	1		1904	75 67	.....
2094	1		1905	74 52	.....
2094	1		1906	147 89	.....
2094	1		1907	148 49	.....
2094	1		1908	161 40	.....
2094	1		1909	167 80	.....
2094	1		1910	175 79	.....
2095	1	Extension Riverside Drive	1887	.....	30 24
2095	1		1889	.....	29 25
2095	1		1890	.....	29 55
2095	1		1891	.....	28 50
2095	1		1892	.....	27 75
2095	1		1893	.....	45 50
2095	1		1894	.....	44 75
2095	1		1895	.....	47 75
2095	1		1896	.....	53 50
2095	1		1897	.....	52 50
2095	1		1898	.....	50 25
2095	1		1899	74 41	.....
2095	1		1900	67 43	.....
2095	1		1901	69 51	.....
2095	1		1902	68 20	.....
2095	1		1903	56 54	.....
2095	1		1904	60 53	.....
2095	1		1905	59 62	.....
2095	1		1906	118 31	.....
2095	1		1907	118 79	.....
2095	1		1908	129 12	.....
2095	1		1909	134 34	.....
2095	1		1910	140 63	.....
2095	10	Extension Riverside Drive	1897	.....	42 00
2096	1	Extension Riverside Drive	1902	45 46	.....
2096	1		1903	35 34	.....
2096	1		1905	37 26	.....
2096	1		1906	73 94	.....
2096	1		1907	74 24	.....
2096	1		1908	80 70	.....
2096	1		1909	83 90	.....
2096	1		1910	87 89	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2097	61	Extension Riverside Drive	1901	6 95	.....
2097	61		1902	6 82	.....
2097	61		1903	5 65	.....
2097	61		1905	5 96	.....
2097	61		1906	14 78	.....
2097	61		1907	14 84	.....
2097	61		1908	16 14	.....
2097	61		1909	16 78	.....
2097	61		1910	17 57	.....
2101	20	Waterfront, 12th ave. and 139th st.	1900	10 11	.....
2101	20		1901	10 42	.....
2101	20		1902	10 23	.....
2101	20		1903	8 48	.....
2101	20		1904	9 08	.....
2101	20		1905	8 94	.....
2101	20		1906	14 78	.....
2101	20		1907	14 84	.....
2101	20		1908	16 14	.....
2101	20		1909	33 56	.....
2101	31	Waterfront, foot West 140th st.	1883	.....	3 43
2101	31		1886	.....	3 43
2101	31		1884	.....	3 37
2101	31		1885	.....	3 60
2101	31		1887	.....	4 32
2101	31		1888	.....	4 44
2101	31		1889	.....	3 90
2101	31		1890	.....	3 94
2101	31		1891	.....	5 70
2101	31		1892	.....	5 55
2101	31		1893	.....	5 46
2101	31		1894	.....	5 37
2101	31		1895	.....	5 73
2102	31	Bulkhead, W. 145th st. to W. 147th st.	1880	.....	30 36
2102	31		1881	.....	31 44
2102	31		1882	.....	27 00
2102	31		1883	.....	27 48
2102	31		1884	.....	27 00
2102	31		1885	.....	28 80
2102	31		1886	.....	27 48
2102	31		1887	.....	25 92
2102	31		1895	.....	57 30
2102	31		1895	.....	28 65
2102	31		1888	.....	26 64
2102	31		1889	.....	23 40
2102	31		1890	.....	39 40
2102	31		1890	.....	23 64
2102	31		1891	.....	38 00
2102	31		1891	.....	28 50
2102	31		1892	.....	37 00
2102	31		1892	.....	27 75
2102	31		1893	.....	54 60
2102	31		1893	.....	27 30
2102	31		1894	.....	53 70
2102	31		1894	.....	26 85
2103	1	Bulkhead from W. 147th to W. 152d st.	1880	.....	30 36
2103	1		1880	.....	20 24
2103	1		1881	.....	26 20
2103	1		1881	.....	26 20
2103	1		1882	.....	22 50
2103	1		1882	.....	22 50
2103	1		1883	.....	22 90
2103	1		1883	.....	22 90
2103	1		1883	.....	22 90
2103	1		1884	.....	22 50
2103	1		1884	.....	22 50
2103	1		1885	.....	24 00
2103	1		1885	.....	24 00
2103	1		1886	.....	22 90
2103	1		1886	.....	22 90
2103	1		1887	.....	21 60
2103	1		1887	.....	21 60
2103	1		1895	.....	28 65
2103	1		1895	.....	28 65
2103	1		1896	.....	6 42
2103	1		1888	.....	26 64
2103	1		1888	.....	22 20
2103	1		1889	.....	23 40
2103	1		1889	.....	19 50
2103	1		1890	.....	23 64
2103	1		1890	.....	19 70
2103	1		1891	.....	22 80
2103	1		1891	.....	19 00
2103	1		1892	.....	22 20
2103	1		1892	.....	18 50
2103	1		1893	.....	27 30
2103	1		1893	.....	27 30
2103	1		1894	.....	26 85
2103	1		1894	.....	26 85
2103	1		1894	.....	26 85
2104	3	Waterfront, Hudson River & 152d st.	1896	.....	11 56
2104	3		1896	.....	6 42
2104	3		1897	.....	11 34
2104	3		1898	.....	6 03
2104	3		1899	7 44	.....
2104	3		1900	6 74	.....
2104	3		1901	6 95	.....
2104	3		1902	6 82	.....
2104	3		1903	7 06	.....
2104	3		1904	7 56	.....
2104	3		1905	7 45	.....
2104	3		1906	14 78	.....
2104	3		1907	14 84	.....
2104	3		1908	16 14	.....
2104	3		1909	16 78	.....
2104	20, now 3	Waterfront, Hudson River & 152d st..	1897	.....	7 56
2104	20, now 3		1898	.....	4 02
2104	20, now 3		1899	4 96	.....
2104	20, now 3		1900	4 49	.....
2104	20, now 3		1901	4 63	.....
2104	20, now 3		1902	4 54	.....
2104	20, now 3		1903	4 24	.....
2104	20, now 3		1904	6 05	.....
2104	20, now 3		1905	5 96	.....
2104	20, now 3		1896	.....	7 70
2104	20, now 3		1906	14 78	.....
2104	20, now 3		1907	14 84	.....
2104	20, now 3		1908	16 14	.....
2104	20, now 3		1909	16 78	.....
		Section 8			
2106	1	Highbridge Park, Speedway Extension	1896	.....	85 60
2106	1		1896	.....	21 40
2106	1		1896	.....	32 10
2106	1		1896	.....	55 64
2106	1		1896	.....	19 26
2106	1		1896	.....	149 80
2106	1		1896	.....	214 00
2106	1		1896	.....	214 00
2106	1		1896	.....	12 84
2106	1		1896	.....	214 00
2106	1		1896	.....	94 16
2106	1		1896	.....	117 70
2106	1		1896	.....	44 94
2106	1		1893	.....	43 68
2106	375	Highbridge Park and Speedway	1905	260 82	.....
2106	375		1905	163 95	.....
2106	375		1905	22 35	.....
2106	375		1905	22 35	.....
2106	375		1905	89 43	.....
2106	375		1905	74 52	.....
2106	375		1905	89 43	.....
2106	375		1905	119 24	.....
2106	375		1905	119 24	.....
2106	375		1905	74 52	.....
2106	375		1905	178 86	.....
2106	375		1905	29 81	.....
2106	375		1905	25 32	.....
2106	375		1905	59 62	.....
2106	375		1905	238 48	.....
2106	375		1905	81 97	.....
2106	375		1905	81 97	.....
2107	1	Highbridge Park and Extension	1896	.....	64 20
2113	1	Highbridge Park and Extension	1887	.....	129 60
2113	1		1887	.....	21 60
2113	1		1887	.....	172 80
2113	1		1887	.....	6 48
2113	1		1888	.....	206 46
2113	1		1889	.....	263 25
2113	1		1890	.....	4 73
2113	1	Highbridge Park and Extension	1890	.....	9 85
2113	1		1890	.....	256 10
2113	1		1890	.....	29 55
2113	1		1890	.....	177 30
2113	1		1891	.....	9 50
2113	1		1891	.....	285 00
2113	1		1891	.....	28 50
2113	1		1891	.....	190 00
2113	1		1893	.....	91 00
2113	1		1893	.....	36 40
2113	1		1893	.....	40 04
2113	1		1893	.....	149 24
2113	1		1893	.....	7 28
2113	1		1893	.....	45 50
2113	1		1893	.....	21 84
2113	1		1893	.....	30 94
2113	1		1893	.....	36 40
2113	1		1893	.....	49 14
2113	1		1893	.....	49 14
2113	1		1893	.....	1 82
2113	1		1893	.....	61 88
2113	1		1893	.....	9 10
2113	1		1893	.....	32 76
2113	1		1893	.....	72 80
2113	1		1893	.....	72 80
2113	1		1893	.....	364 00
2113	1		1893	.....	345 80
2113	1		1893	.....	236 60
2113	1		1893	.....	91 00
2113	1		1893	.....	455 00
2113	1		1893	.....	910 00
2113	1		1894	.....	30 43
2113	1		1894	.....	35 80
2113	1		1894	.....	96 66
2113	1		1894	.....	1 79
2113	1		1894	.....	60 86
2113	1		1894	.....	8 95
2113	1		1894	.....	32 22
2113	1		1894	.....	143 20
2113	1		1894	.....	358 00
2113	1		1894	.....	232 70
2113	1		1894	.....	44 75
2113	1		1894	.....	447 50
2113	1		1894	.....	832 35
2113	1		1894	.....	340 10
2120	46	Fire Department, north side 161st st.	1905	207 18	.....
2125	14	Public School 169	1897	.....	25 20
2125	14		1897	.....	25 20
2125	14		1897	.....	42 00
2125	14		1897	.....	31 50
2125	14		1897	.....	42 00
2125	14		1897	.....	31 50
2125	14		1897	.....	31 50
2125	14		1897	.....	31 50
2125	14		1897	.....	50 40
2125	14		1897	.....	25 20
2125	14		1897	.....	25 20
2138	79	Twenty-second Regiment Armory	1907	1,187 99	.....
2140	11	Dock Department (vacant)	1898	.....	10 05
2140	11		1899	24 80	.....
2140	11		1900	89 90	.....
2140	11		1901	92 69	.....
2140	11		1902	90 93	.....
2140	200	Ft. Washington Park	1896	.....	256 80
2140	200		1896	.....	385 20
2140	200		1896	.....	784 67
2140	200		1896	.....	513 60
2149	2	Washington Bridge, Park ave. and 181st st.	1894	.....	374 11
2149	2		1893	.....	398 58
2149	525	Highbridge Park Extension	1902	1 13	.....
2149	525		1902	18 18	.....
2149	525		1902	13 64	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	3 41	.....
2149	525		1902	3 41	.....
2149	525		1902	6 82	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2149	525	Highbridge Park Extension	1902	6 82	.....
2149	525		1902	6 82	.....
2149	525		1902	7 95	.....
2149	525		1902	7 95	.....
2149	525		1902	7 95	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	9 09	.....
2149	525		1902	113 67	.....
2149	525		1902	5 68	.....
2149	525		1902	5 68	.....
2149	525		1902	5 68	.....
2149	525		1902	5 68	.....
2149	525		1902	5 68	.....
2149	525		1902	5 68	.....
2149	525		1902	2 27	.....
2149	525	High Bridge Park extension	1903	1 41	.....
2149	525		1904	15	.....
2149	525		1905	14	.....
2151	6	Water front S. W. corner Academy st. and Naegle ave	1897	.....	10 50
2155	30	Fire Department, N. S. 181st st	1905	335 36	.....
2178	1	Fort Washington Park	1896	.....	181 90
2178	1		1896	.....	85 60
2178	1		1896	.....	214 00
2178	1		1896	.....	278 20
2178	1		1896	.....	53 50
2178	3	Fort Washington Park	1896	.....	64 20
2178	1	Fort Washington Park	1897	.....	63 00
2178	3	Fort Washington Park	1896	.....	139 10
2178	3		1896	.....	53 50
2178	3		1896	.....	278 20
3265	161	Bridge approach	1900	22 47	.....
3265	161		1900	4 49	.....
3265	170	Spuyten Duyvil Creek	1909	456 42	.....
3402	560	Alleyway	1902	18 18	.....
3402	560		1903	14 13	.....
3402	560		1904	18 16	.....
3402	560		1905	17 88	.....
3402	622, now 621	Bridge approach	1900	22 47	.....
3410	141	Ship Canal	1897	.....	10 50
3410	141		1898	.....	10 05
3410	141		1899	12 40	.....
3410	141		1900	11 23	.....
3410	141		1901	11 58	.....
3410	141		1902	11 36	.....
3410	141		1903	9 89	.....
3410	141		1904	10 59	.....
3410	141		1905	10 43	.....
3410	141		1895	.....	9 55
3410	141		1896	.....	10 70
3410	141		1906	14 78	.....
3410	141		1907	14 84	.....
3410	141		1908	16 14	.....
3410	141		1909	16 78	.....
		Totals		$1,004,481 01	$415,287 54

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE.

Taxes Levied Against Property of The City of New York.

Borough of The Bronx.

Section 9.

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2260	70	Bulkhead	1898	.....	$20 10
2260	70		1899	$24 80	.....
2260	70		1900	22 47	.....
2260	70		1901	23 17	.....
2260	70		1902	22 73	.....
2267	15	Public School 30	1907	371 24	.....
2267	15		1907	1 48	.....
2277	30	Bulkhead	1898	.....	20 10
2277	30		1899	24 80	.....
2277	30		1900	22 47	.....
2277	30		1901	23 17	.....
2277	30		1902	22 73	.....
2277	51	Bridge approach	1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	98 37	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	57 50	.....
2277	51		1904	1,210 73	.....
2277	51		1904	52 96	.....
2277	51		1904	52 96	.....
2277	51		1904	52 96	.....
2277	51		1904	52 96	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2277	51		1904	25 72	.....
2280	40	Public School 43	1904	52 96	.....
2280	40		1904	75 67	.....
2280	40		1904	52 96	.....
2280	40		1904	52 96	.....
2280	40		1904	52 96	.....
2280	40		1904	52 96	.....
2280	40		1904	52 96	.....
2280	40		1904	75 67	.....
2280	40		1904	52 96	.....
2280	40	Public School 43	1904	52 96	.....
2283	41	Public School 9	1891	.....	22 80
2283	41		1891	.....	26 60
2283	41		1895	.....	30 56
2283	41		1895	.....	30 56
2283	41		1896	.....	34 24
2283	41		1896	.....	34 24
2283	41		1897	.....	33 60
2283	41		1897	.....	33 60
2283	41		1898	.....	32 16
2283	41		1898	.....	32 16
2287	42	Public Bath	1909	104 03	.....
2287	42		1909	83 90	.....
2290	12	Public School 37	1903	46 65	.....
2290	12		1903	56 54	.....
2290	12		1903	56 54	.....
2290	12		1903	63 61	.....
2290	12		1903	56 54	.....
2290	12		1903	70 68	.....
2290	12		1903	70 68	.....
2290	12		1903	63 61	.....
2290	12		1903	56 54	.....
2290	12		1903	70 68	.....
2290	12		1903	49 47	.....
2294	28	Public Place	1898	.....	76 38
2294	28		1899	99 21	.....
2294	28		1900	3 65	.....
2294	28		1901	92 69	.....
2294	28		1902	86 39	.....
2294	28		1903	98 95	.....
2294	55	Subway Approach	1903	56 55	.....
2294	55		1903	219 82	.....
2294	55		1903	21 20	.....
2294	55		1904	30 26	.....
2294	55		1904	30 27	.....
2294	55		1904	30 27	.....
2294	55		1904	18 16	.....
2294	55		1904	15 14	.....
2294	55		1904	30 26	.....
2294	55		1904	27 24	.....
2294	55		1904	49 19	.....
2294	55		1904	45 40	.....
2294	55		1904	46 15	.....
2294	55		1904	7 57	.....
2295	19	Bulkhead	1898	.....	20 10
2295	19		1899	29 76	.....
2295	19		1900	26 97	.....
2295	19		1901	27 80	.....
2303	14	Public School 22	1906	66 55	.....
2306	52	Fire Department	1905	89 43	.....
2308	50	Bulkhead	1898	.....	20 10
2308	50		1899	24 80	.....
2308	50		1900	22 47	.....
2308	50		1901	23 17	.....
2308	52	Bulkhead	1898	.....	20 10
2308	52		1899	24 80	.....
2308	52		1900	22 47	.....
2308	52		1901	23 17	.....
2315	18	Library	1902	238 71	.....
2316	30	Bulkhead	1898	.....	20 10
2316	30		1899	24 80	.....
2316	30		1900	22 47	.....
2316	30		1901	23 17	.....
2319	150	Bulkhead	1898	.....	20 10
2319	150		1899	24 80	.....
2319	150		1900	22 47	.....
2319	150		1901	23 17	.....
2319	150		1902	22 73	.....
2322	1	Park	1887	.....	66 96
2329	75	Public School 18	1885	.....	24 00
2331	33	Fire Department	1872	.....	3 41
2334	69	Public Place	1900	56 19	.....
2339	54	Public place	1898	.....	20 10
2339	54		1899	24 80	.....
2339	54		1900	22 47	.....
2339	54		1901	23 17	.....
2339	54		1902	22 73	.....
2339	111	Park	1897	.....	157 50
2339	111		1898	.....	110 55
2339	111		1899	136 42	.....
2339	111		1900	123 62	.....
2339	111		1901	127 45	.....
2339	111		1902	125 03	.....
2339	118	Park	1902	34 10	.....
2339	118		1888	.....	22 20
2339	118		1889	.....	19 50
2339	118		1890	.....	23 64
2339	118		1891	.....	26 60
2339	118		1892	.....	25 90
2339	118		1893	.....	25 48
2339	118		1894	.....	25 06
2339	118		1895	.....	26 74
2339	118		1896	.....	29 96
2339	118		1897	.....	25 20
2339	118		1898	.....	24 12
2339	118		1899	29 76	.....
2339	118		1900	26 97	.....
2339	118		1901	27 80	.....
2346	1	Public School No. 31	1897	.....	472 50
2348	69	Franz Sigel Park	1885	.....	6 00
2349	69		1885	.....	45 60
2349	69		1885	.....	102 00
2351	8	Public place	1900	15 73	.....
2351	8		1901	16 22	.....
2351	8		1902	15 91	.....
2351	8		1903	14 13	.....
2351	8		1904	15 13	.....
2351	8		1905	14 90	.....
2351	8		1906	14 78	.....
2351	8		1907	14 84	.....
2351	8		1908	24 21	.....
2351	8		1909	25 17	.....
2353	67	Franz Sigel Park	1886	.....	59 54
2366	1	Public place	1898	.....	321 60
2366	1		1898	.....	40 20
2366	1		1899	396 86	.....
2366	1		1899	4 96	.....
2366	1		1899	74 41	.....
2377	46	Public bath	1904	78 69	.....
2383	61	Public place	1899	86 81	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2383	61	Public place	1901	81 10	.....
2403	16	Public School No. 3	1889	.....	15 60
2403	16		1889	.....	23 40
2403	16		1889	.....	19 50
2403	16		1898	.....	10 05
2403	16		1899	12 40	.....
2421	73	Melrose Park	1896	.....	117 70
2421	73		1896	.....	29 96
2421	73		1897	.....	115 50
2421	73		1897	.....	73 50
2421	73		1897	.....	42 00
2421	73		1897	.....	29 40
2421	73		1898	.....	301 50
2421	73		1899	372 06	.....
2469	1	Concourse approach	1898	.....	522 60
2469	1		1899	644 90	.....
2469	1		1900	584 40	.....
2469	1		1902	591 09	.....
2469	1		1903	636 15	.....
2469	1		1904	681 03	.....
2469	1		1905	670 72	.....
2469	1		1906	665 50	.....
2469	1		1907	668 24	.....
2469	1		1908	726 33	.....
2469	1		1909	1,090 72	.....
2470	1	Concourse approach	1898	.....	100 50
2470	1		1899	124 02	.....
2470	1		1900	112 38	.....
2470	1		1901	115 86	.....
2470	1	Park	1902	113 67	.....
2470	1		1903	113 09	.....
2470	1		1904	121 07	.....
2470	1		1905	119 24	.....
2470	1		1906	177 46	.....
2470	1		1907	178 19	.....
2470	1		1908	193 68	.....
2470	1		1909	201 36	.....
2470	1		1910	395 52	.....
2470	1		1911	861 24	.....
2470	1		1912	915 00	.....
2470	43	Concourse approach	1898	.....	737 67
2470	43		1899	910 30	.....
2470	43		1900	824 90	.....
2470	43		1902	841 17	.....
2470	43		1903	848 20	.....
2470	43		1904	908 05	.....
2470	43		1905	894 30	.....
2470	43		1906	887 34	.....
2470	43		1907	890 99	.....
2470	43		1908	968 44	.....
2470	43		1909	1,258 53	.....
2497	182	Macomb's Dam Park	1897	.....	168 00
2497	183	Macomb's Dam Park	1897	.....	116 55
2497	184	Macomb's Dam Park	1897	.....	69 30
2499	100	Macomb's Dam Park	1897	.....	257 25
2499	104	Viaduct	1897	.....	315 00
2499	105	Macomb's Dam Park	1897	.....	483 00
2499	108	Macomb's Dam Park	1897	.....	1,160 25
2499	108		1897	.....	4 20
2500	1	Macomb's Dam Park	1897	.....	25 20
2500	1		1897	.....	168 00
2500	41	Macomb's Dam Park	1886	.....	9 16
2500	41		1886	.....	12 21
2500	41		1887	.....	8 64
2500	41		1887	.....	11 52
2500	41		1888	.....	8 88
2500	41		1888	.....	11 84
2500	41		1889	.....	7 80
2500	41		1889	.....	10 40
2500	41		1890	.....	7 88
2500	41		1890	.....	10 51
2500	41		1891	.....	10 45
2500	41		1891	.....	16 00
2500	41		1892	.....	10 17
2500	41		1892	.....	15 57
2500	41		1893	.....	10 82
2500	41		1893	.....	14 51
2500	41		1894	.....	10 94
2500	41		1894	.....	14 57
2500	41		1895	.....	95 50
2500	41		1895	.....	13 37
2500	41		1895	.....	19 10
2500	41		1895	.....	19 10
2500	41		1895	.....	7 64
2500	41		1895	.....	9 55
2500	41		1895	.....	3 82
2500	41		1896	.....	14 98
2500	41		1896	.....	21 40
2500	41		1897	.....	42 00
2500	41		1897	.....	63 00
2500	41		1897	.....	37 80
2500	41		1897	.....	16 80
2500	41		1897	.....	42 00
2500	41		1897	.....	52 50
2500	41		1897	.....	33 60
2504	1	Macomb's Dam Park	1897	.....	105 00
2522	83	Public Place	1899	49 60	.....
2522	83		1900	89 90	.....
2522	83		1901	92 69	.....
2522	83		1902	90 93	.....
2522	83		1903	106 02	.....
2522	83		1904	113 50	.....
2523	1	Macomb's Dam Park	1897	.....	125 00
2523	1		1897	.....	209 00
2523	1		1899	29 76	.....
2523	1		1899	49	.....
2529	81	Public School 11	1899	91 77	.....
2529	81		1900	67 43	.....
2529	81		1901	69 51	.....
2529	81		1902	68 20	.....
2529	81		1903	56 54	.....
2529	81		1904	60 53	.....
2529	81		1905	59 62	.....
2529	81		1906	59 15	.....
2529	81		1907	59 39	.....
2529	83, now 81	Public School 11	1899	14 88	.....
2529	83, now 81		1900	13 48	.....
2529	83, now 81		1901	13 90	.....
2529	83, now 81		1902	13 64	.....
2529	83, now 81		1903	9 89	.....
2529	83, now 81		1904	10 59	.....
2529	83, now 81		1905	10 43	.....
2529	83, now 81		1906	10 35	.....
2529	83, now 81		1907	10 39	.....
2529	83, now 81		1908	11 29	.....
2529	83, now 81		1909	11 74	.....
2529	83, now 81		1910	12 30	.....
2529	86, now 81	Public School 11	1899	24	.....
2529	86, now 81		1900	22	.....
2529	86, now 81		1901	23	.....
2529	86, now 81		1902	22	.....
2529	86, now 81		1903	70	.....
2529	86, now 81		1904	75	.....
2529	86, now 81		1905	74	.....
2529	86, now 81		1906	73	.....
2529	86, now 81		1907	74	.....
2529	86, now 81		1908	80	.....
2529	86, now 81		1909	83	.....
2529	86, now 81		1910	87	.....
2529	87, now 81	Public School 11	1899	49	.....
2529	87, now 81		1900	44	.....
2529	87, now 81		1901	46	.....
2529	87, now 81		1902	45	.....
2529	87, now 81		1903	70	.....
2529	87, now 81		1904	75	.....
2529	87, now 81		1905	74	.....
2529	87, now 81		1906	73	.....
2529	87, now 81		1907	74	.....
2529	87, now 81		1908	80	.....
2529	87, now 81		1909	83	.....
2529	87, now 81		1910	87	.....
2529	88, now 81	Public School 11	1887	.....	8 64
2529	88, now 81		1888	.....	8 88
2529	88, now 81		1889	.....	7 80
2529	88, now 81		1890	.....	7 88
2529	88, now 81		1891	.....	7 60
2529	88, now 81		1892	.....	7 40
2529	88, now 81		1893	.....	10 92
2529	88, now 81		1894	.....	14 32
2529	88, now 81		1899	62 01	.....
2529	88, now 81		1900	56 19	.....
2529	88, now 81		1901	57 93	.....
2529	88, now 81		1902	56 83	.....
2529	88, now 81		1903	56 54	.....
2529	88, now 81		1904	60 53	.....
2529	88, now 81		1905	59 62	.....
2529	88, now 81		1906	59 15	.....
2529	88, now 81		1907	59 39	.....
2529	88, now 81		1908	64 56	.....
2529	88, now 81		1909	67 12	.....
2529	88, now 81		1910	70 31	.....
2529	95, now 81		1888	.....	7 77
2529	95, now 81		1889	.....	7 80
2529	95, now 81		1890	.....	7 88
2529	95, now 81		1891	.....	7 60
2529	95, now 81		1892	.....	7 40
2529	95, now 81		1893	.....	14 56
2529	95, now 81		1894	.....	14 32
2529	95, now 81		1895	.....	15 28
2529	95, now 81		1896	.....	17 12
2529	95, now 81		1897	.....	16 80
2530	21	Police Station	1898	.....	80 40
2530	21		1899	99 21	.....
2530	21		1900	89 90	.....
2530	21		1901	92 69	.....
2533	22	Public place	1897	.....	2 10
2539	1	Macombs Dam Park	1897	.....	283 50
2539	1		1897	.....	136 50
2539	3	Macombs Dam Park	1897	.....	231 00
2540	45	Bulkhead	1892	.....	18 50
2540	45		1893	.....	18 20
2541	22	High Bridge Park	1897	.....	12 60
2541	22		1897	.....	20 40
2541	22		1897	.....	73 50
2542	58	Washington Bridge Park	1898	.....	18 09
2542	58		1899	.....	22 32
2542	58		1900	.....	20 22
2542	58		1901	.....	20 85

Section 10.

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2548	42	Public School 29	1896	.....	128 40
2557	1	St. Marys Park	1886	.....	1 14
2557	1		1887	.....	1 08
2557	1		1888	.....	1 11
2557	10	St. Marys Park	1907	326 69	.....
2583	310	Waterfront	1902	52 28	.....
2583	310		1903	63 61	.....
2583	310		1904	75 67	.....
2583	310		1905	74 52	.....
2583	310		1906	88 73	.....
2583	310		1907	89 09	.....
2583	310		1908	96 84	.....
2583	310		1909	100 68	.....
2583	310		1910	105 47	.....
2583	310		1911	1,834 44	.....
2583	405	Land under water	1902	22 73	.....
2583	405		1903	28 27	.....
2583	405		1904	30 26	.....
2583	405		1905	29 81	.....
2583	405		1906	36 97	.....
2583	405		1907	37 12	.....
2583	405		1908	40 35	.....
2583	405		1909	41 95	.....
2583	405		1910	43 94	.....
2583	405		1911	559 80	.....
2602	20	Public place	1906	14 79	.....
2604	300	Bulkhead	1899	2 48	.....
2604	300		1900	2 24	.....
2604	300		1901	2 31	.....
2604	300		1902	2 27	.....
2604	300		1903	2 12	.....
2604	300		1904	3 02	.....
2604	300		1905	2 98	.....
2604	300		1906	4 45	.....
2604	300		1907	4 45	.....
2611	17	Engine Company	1884	.....	9 00
2613	1	Second Battery Armory	1904	838 04	.....
2613	1		1905	826 48	.....
2613	1		1906	1,013 05	.....
2615	23	Library	1906	133 10	.....
2634	1	Morris High School	1900	899 08	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2634	9	Morris High School	1905	1,803 51	.....
2664	1	Public School 25	1895	.....	66 85
2698	110	Park	1897	.....	10 50
2698	110		1897	.....	6 30
2698	110		1897	.....	10 50
2698	110		1897	.....	4 20
2698	110		1897	.....	4 20
2698	110		1898	.....	4 02
2698	110		1898	.....	4 02
2698	110		1898	.....	6 03
2710	1	Public School 39	1905	29 81	.....
2726	27	Public School 20	1905	20 86	.....
2726	27		1905	22 35	.....
2726	27		1905	13 41	.....
2726	27		1905	13 41	.....
2766	1	Public School 48	1909	181 22	.....
		Section 11.			
2808	1	Public place	1895	.....	3 82
2814	100	Echo Park	1897	.....	21 00
2814	100		1897	.....	441 00
2814	100		1897	.....	63 00
2856	65	Public place	1899	54 56	.....
2856	65		1900	56 19	.....
2856	65		1901	57 93	.....
2857	24	Storm tunnel	1908	48 42	.....
2857	24		1907	44 54	.....
2857	95	Public place	1899	136 42	.....
2857	95		1900	134 86	.....
2857	95		1901	139 03	.....
2918	1	Library	1903	106 02	.....
2942	2, now 1	Crotona Park	1911	94 73	.....
2942	3, now 1	Crotona Park	1911	68 89	.....
2942	4, now 1	Crotona Park	1911	120 57	.....
2942	6, now 1	Crotona Park	1907	22 27	.....
2942	6, now 1		1908	35 50	.....
2942	6, now 1		1909	36 91	.....
2942	6, now 1		1910	38 67	.....
2942	6, now 1		1911	344 49	.....
2942	8, now 1	Crotona Park	1911	55 11	.....
2942	9, now 1	Crotona Park	1911	68 89	.....
2942	10, now 1	Crotona Park	1910	38 67	.....
2942	10, now 1		1911	413 39	.....
2942	11, now 1	Crotona Park	1911	499 51	.....
2942	15, now 1	Crotona Park	1911	206 69	.....
2942	17, now 1	Crotona Park	1911	103 34	.....
2942	18, now 1	Crotona Park	1911	103 34	.....
2942	19, now 1	Crotona Park	1911	103 34	.....
2942	20, now 1	Crotona Park	1911	103 34	.....
2942	21, now 1	Crotona Park	1911	103 34	.....
2942	22, now 1	Crotona Park	1911	120 57	.....
2942	23, now 1	Crotona Park	1907	44 54	.....
2942	23, now 1		1908	67 79	.....
2942	23, now 1		1909	70 47	.....
2942	23, now 1		1910	73 83	.....
2942	23, now 1		1911	122 29	.....
2942	26, now 1	Crotona Park	1911	258 37	.....
2942	28, now 1	Crotona Park	1907	29 69	.....
2942	28, now 1		1908	48 42	.....
2942	28, now 1		1909	50 34	.....
2942	28, now 1		1910	52 73	.....
2942	29, now 1	Crotona Park	1907	29 69	.....
2942	29, now 1		1908	48 42	.....
2942	29, now 1		1909	50 34	.....
2942	29, now 1		1910	52 73	.....
2942	30, now 1	Crotona Park	1907	29 69	.....
2942	30, now 1		1908	48 42	.....
2942	30, now 1		1909	50 34	.....
2942	30, now 1		1910	52 73	.....
2949	64	Public School 44	1905	238 48	.....
2949	64		1905	87 93	.....
2969	21	Public School 40	1903	353 41	.....
2973	38	Engine company	1902	22 73	.....
2973	38		1902	22 73	.....
3022	58	Corporation yard	1905	403 92	.....
3030	6	Corporation yard	1905	357 72	.....
3030	28	Corporation yard	1905	439 70	.....
3032	11	Public School 5	1888	.....	11 10
3032	11		1888	.....	55 50
3033	9	Engine company	1888	.....	22 20
3086	38	Engine Company	1905	17 88	.....
3086	38		1905	17 88	.....
3120	1	Bronx Park	1904	169 50	.....
3120	1		1904	145 28	.....
3120	1		1904	145 28	.....
3120	1		1904	363 22	.....
3120	20	Bronx Park	1889	.....	35 10
3120	20		1889	.....	7 80
3120	20		1889	.....	97
3120	20		1889	.....	11 70
3120	20		1889	.....	19
3120	20		1889	.....	48
3120	20		1889	.....	1 95
3120	20		1889	.....	1 46
3120	20		1889	.....	48
3120	20		1889	.....	3 90
3188	20	Public School 33	1899	178 58	.....
3188	20		1900	786 69	.....
3190	19	St. James Park	1886	.....	68 70
3190	19		1887	.....	64 80
3190	19		1888	.....	66 60
3190	19		1889	.....	58 50
3191	1	St. James Park	1905	186 31	.....
3216	2	Public School 26	1905	34 28	.....
3216	2		1905	35 77	.....
3219	1	Devoe Park	1904	871 72	.....
3232	1	University Park	1894	.....	9 85
		Section 12.			
3246	1	Jerome Park Reservoir	1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	3 82
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1	Jerome Park Reservoir	1895	.....	5 73
3246	1		1895	.....	162 35
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	573 00
3246	1		1895	.....	15 28
3246	1		1895	.....	1 91
3246	1		1895	.....	7 64
3246	1		1895	.....	47 75
3246	1		1895	.....	13 37
3246	1		1895	.....	299 87
3246	1		1895	.....	34 38
3246	1		1895	.....	1 91
3246	1		1895	.....	1 91
3246	1		1895	.....	95
3246	1		1895	.....	95
3246	1		1895	.....	95
3246	1		1895	.....	2 86
3246	1		1894	.....	1 79
3246	1		1895	.....	2 86
3246	1		1894	.....	2 68
3246	1		1895	.....	3 82
3246	1		1895	.....	2 86
3246	1		1895	.....	1 91
3246	1		1895	.....	95
3246	1		1895	.....	95
3246	1		1895	.....	3 82
3246	1		1895	.....	2 86
3246	1		1895	.....	2 86
3246	1		1895	.....	1 91
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	6 68
3246	1		1895	.....	6 68
3246	1		1895	.....	6 68
3246	1		1895	.....	95 50
3246	1		1895	.....	324 70
3246	1		1895	.....	152 80
3246	1		1895	.....	22 92
3246	1		1895	.....	143 25
3246	1		1895	.....	09
3246	1		1895	.....	1,528 00
3246	1		1895	.....	2,960 50
3246	1		1895	.....	1,432 50
3246	1		1895	.....	1,948 20
3246	1		1895	.....	22 92
3246	1		1895	.....	229 20
3246	1		1895	.....	171 90
3246	1		1895	.....	1,050 50
3246	1		1895	.....	477 50
3246	1		1894	.....	16 11
3246	1		1895	.....	286 50
3246	1		1895	.....	11 46
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55
3246	1		1895	.....	11 46
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	9 55
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	9 55
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	11 46
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55
3246	1		1895	.....	7 64
3246	1		1895	.....	30 56
3246	1		1895	.....	7 64
3246	1		1895	.....	11 46
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	9 55
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55
3246	1		1895	.....	9 55

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
3246	1	Jerome Park Reservoir	1895	.....	9 55
3246	1		1895	.....	11 46
3246	1		1895	.....	7 64
3246	1		1895	.....	26 74
3246	1		1895	.....	38 20
3246	1		1895	.....	7 64
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	9 55
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1894	.....	5 37
3246	1		1895	.....	5 73
3246	1		1895	.....	9 55
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	7 64
3246	1		1895	.....	7 64
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	573 00
3246	1		1895	.....	5 73
3246	1		1895	.....	5 73
3246	1		1895	.....	4 77
3246	1		1895	.....	5 73
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77
3246	1		1895	.....	4 77

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
		Section 17.			
4839	37	Public School No. 21	1875	.....	1 54
4839	37		1902	27 28	.....
4839	37		1903	28 27	.....
4839	37		1904	30 26	.....
4839	37		1905	29 81	.....
4839	37		1906	35 49	.....
4839	37		1907	22 27	.....
4839	37		1908	32 28	.....
4839	37		1909	33 56	.....
4839	37		1910	35 15	.....
4839	37		1911	41 33	.....
4839	37		1912	43 92	.....
		Section 18.			
5624	65	Dock	1909	335 60	.....
5624	65		1910	351 58	.....
In street		Engine Co. No. 1	1907	49 00	.....
			1906	48 80	.....
		Borough of The Bronx.			
		Section 18, Formerly 24th Ward, Block 5650, Lot 1.			
1	1	Pelham Park	1875	.....	1 20
1	1		1874	.....	S.T. 18
1	1		1876	.....	1 02
1	1		1875	.....	S.T. 39
1	1		1877	.....	1 34
1	1		1876	.....	S.T. 18
1	1		1878	.....	80
1	1		1877	.....	S.T. 20
1	1		1879	.....	77
1	1		1878	.....	S.T. 17
1	1		1880	.....	67
1	1		1879	.....	S.T. 23
1	1		1881	.....	73
1	1		1880	.....	S.T. 24
1	1		1882	.....	80
1	1		1881	.....	S.T. 22
1	1		1883	.....	66
1	1		1882	.....	S.T. 21
1	1		1884	.....	66
1	1		1883	.....	S.T. 19
1	1		1885	.....	76
1	1		1884	.....	S.T. 13
1	1		1887	.....	83
1	1		1886	.....	S.T. 20
1	1		1886	.....	83
1	1		1885	.....	S.T. 13
1	8		1888	.....	89
1	8		1887	.....	S.T. 22
1	8		1886	.....	83
1	8		1885	.....	S.T. 13
1	15		1881	.....	61
1	15		1880	.....	S.T. 20
1	15		1882	.....	67
1	15		1881	.....	S.T. 19
1	15		1883	.....	55
1	15		1882	.....	S.T. 18
1	15		1884	.....	55
1	15		1883	.....	S.T. 15
1	15		1885	.....	64
1	15		1884	.....	S.T. 11
1	15		1886	.....	69
1	15		1885	.....	S.T. 11
1	15		1887	.....	69
1	15		1886	.....	S.T. 17
1	15		1888	.....	74
1	15		1887	.....	S.T. 20
1	16		1881	.....	61
1	16		1877	.....	1 12
1	16		1880	.....	S.T. 20
1	16		1882	.....	67
1	16		1881	.....	S.T. 19
1	16		1883	.....	55
1	16		1882	.....	S.T. 18
1	8		1875	.....	1 20
1	8		1874	.....	S.T. 18
1	8		1876	.....	1 02
1	8		1875	.....	S.T. 39
1	8		1877	.....	1 34
1	8		1876	.....	S.T. 18
1	8		1878	.....	80
1	8		1877	.....	S.T. 20
1	8		1879	.....	77
1	8		1878	.....	S.T. 17
1	8		1880	.....	67
1	8		1879	.....	S.T. 23
1	8		1881	.....	73
1	8		1880	.....	S.T. 24
1	8		1882	.....	80
1	8		1881	.....	S.T. 22
1	8		1883	.....	66
1	8		1882	.....	S.T. 21
1	8		1884	.....	66
1	8		1883	.....	S.T. 19
1	8		1885	.....	76
1	8		1884	.....	S.T. 13
1	8		1887	.....	83
1	8		1886	.....	S.T. 20
1	17	Pelham Park	1881	.....	S.T. 22
1	17		1883	.....	66
1	17		1882	.....	S.T. 21
1	17		1884	.....	66
1	17		1883	.....	S.T. 19
1	17		1885	.....	76
1	17		1884	.....	S.T. 13
1	17		1887	.....	83
1	17		1886	.....	S.T. 20
1	17		1888	.....	89
1	17		1887	.....	S.T. 22
1	17		1886	.....	83
1	17		1885	.....	S.T. 13
1	18		1888	.....	89
1	19		1874	.....	99
1	19		1875	.....	1 20
1	19		1874	.....	S.T. 18
1	19		1876	.....	1 02
1	19		1875	.....	S.T. 39
1	19		1877	.....	1 34
1	19		1876	.....	S.T. 15
1	19		1878	.....	80
1	19		1877	.....	S.T. 20
1	16	Pelham Park	1884	.....	55
1	16		1883	.....	S.T. 15
1	16		1885	.....	64
1	16		1884	.....	S.T. 11
1	16		1886	.....	69
1	16		1885	.....	S.T. 11
1	16		1887	.....	69
1	16		1886	.....	S.T. 17
1	16		1888	.....	74
1	16		1887	.....	S.T. 20
1	17		1875	.....	96
1	17		1874	.....	99
1	17		1874	.....	S.T. 16
1	17		1876	.....	1 02
1	17		1875	.....	S.T. 39
1	17		1877	.....	1 34
1	17		1876	.....	S.T. 15
1	17		1878	.....	80
1	17		1877	.....	S.T. 20
1	17		1879	.....	77
1	17		1878	.....	S.T. 17
1	17		1880	.....	67
1	17		1879	.....	S.T. 23
1	17		1881	.....	73
1	17		1880	.....	S.T. 24
1	17		1882	.....	80
1	19		1879	.....	77
1	19		1878	.....	S.T. 17
1	19		1880	.....	67
1	19		1879	.....	S.T. 23
1	19		1881	.....	73
1	19		1880	.....	S.T. 24
1	19		1882	.....	80
1	19		1881	.....	S.T. 22
1	19		1883	.....	66
1	19		1882	.....	S.T. 21
1	19		1884	.....	66
1	19		1883	.....	S.T. 19
1	19		1885	.....	76
1	19		1884	.....	S.T. 13
1	19		1887	.....	83
1	19		1886	.....	S.T. 20
1	19		1888	.....	89
1	19		1887	.....	S.T. 22
1	19		1886	.....	83
1	19		1885	.....	S.T. 13
1	20		1874	.....	99
1	21		1875	.....	1 20
1	21		1874	.....	S.T. 18
1	21	Pelham Park	1876	.....	1 02
1	21		1875	.....	S.T. 39
1	21		1877	.....	1 34
1	21		1876	.....	S.T. 15
1	21		1878	.....	80
1	21		1877	.....	S.T. 20
1	21		1879	.....	77
1	21		1878	.....	S.T. 17
1	21		1880	.....	67
1	21		1879	.....	S.T. 23
1	21		1881	.....	73
1	21		1880	.....	S.T. 24
1	21		1882	.....	80
1	21		1881	.....	S.T. 22
1	21		1883	.....	66
1	21		1882	.....	S.T. 21
1	21		1884	.....	66
1	21		1883	.....	S.T. 19
1	21		1885	.....	76
1	21		1884	.....	S.T. 13
1	21		1887	.....	83
1	21		1886	.....	S.T. 20
1	21		1888	.....	89
1	21		1887	.....	S.T. 22
1	21		1886	.....	83
1	21		1885	.....	S.T. 13
1	21		1874	.....	99
1	21		1875	.....	1 20
1	21		1874	.....	S.T. 18
1	21		1876	.....	1 02
1	21		1875	.....	S.T. 39
1	21		1877	.....	1 34
1	21		1876	.....	S.T. 15
1	21		1878	.....	80
1	21		1877	.....	S.T. 20
1	21		1879	.....	77
1	21		1878	.....	S.T. 17
1	21		1880	.....	67
1	21		1879	.....	S.T. 23
1	21		1881	.....	73
1	21		1880	.....	S.T. 24
1	21		1882	.....	80
1	21		1881	.....	S.T. 22
1	21		1883	.....	T. 66
1	21		1882	.....	S.T. 21
1	21		1884	.....	66
1	21		1883	.....	S.T. 19
1	21		1885	.....	76
1	23		1884	.....	S.T. 13
1	23		1887	.....	83
1	23		1886	.....	S.T. 20
1	23		1888	.....	89
1	23		1887	.....	S.T. 22
1	23		1886	.....	83
1	23		1885	.....	R.S.T. 13
1	24		1875	.....	1 20
1	24		1874	.....	S.T. 18
1	24		1876	.....	1 02
1	24		1875	.....	S.T. 39
1	24		1878	.....	80
1	24		1877	.....	S.T. 20
1	24		1879	.....	77
1	24		1878	.....	S.T. 17
1	24		1880	.....	67
1	24		1879	.....	S.T. 23
1	24		1881	.....	73
1	24		1880	.....	S.T. 24
1	24		1882	.....	80
1	24		1881	.....	S.T. 22
1	24		1883	.....	66
1	24		1882	.....	S.T. 21
1	24		1884	.....	66

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1	24	Pelham Park	1883	.....	S.T. 19
1	24		1885	.....	76
1	24		1884	.....	S.T. 13
1	24		1887	.....	83
1	24		1886	.....	S.T. 20
1	24		1888	.....	89
1	24		1887	.....	S.T. 22
1	24		1886	.....	83
1	24		1885	.....	R.S.T. 13
1	24		1877	.....	1 34
1	24		1876	.....	R.S.T. 15
2	1		1874	.....	83
2	1		1875	.....	96
2	1		1874	.....	S.T. 16
2	1		1876	.....	85
2	1		1875	.....	S.T. 30
2	1		1877	.....	1 12
2	1		1876	.....	S.T. 15
2	1		1878	.....	53
2	1		1877	.....	S.T. 17
2	1		1879	.....	51
2	1		1878	.....	S.T. 11
2	1		1880	.....	45
2	1		1879	.....	S.T. 15
2	1		1881	.....	49
2	1		1880	.....	S.T. 16
2	1		1882	.....	53
2	1		1881	.....	S.T. 16
2	1		1883	.....	44
2	1		1882	.....	S.T. 14
2	1		1884	.....	44
2	1		1883	.....	S.T. 12
2	1		1885	.....	51
2	1		1884	.....	S.T. 09
2	1		1887	.....	56
2	1		1886	.....	S.T. 13
2	1		1888	.....	59
2	1		1887	.....	S.T. 17
2	1		1886	.....	55
2	1		1885	.....	R.S.T. 09
3	8½		1880	.....	30
3	8½		1888	.....	30
3	8½		1887	.....	S.T. 12
3	34		1886	.....	42
3	34		1885	.....	R.S.T. 07
4	2		1886	.....	28
4	2		1885	.....	R.S.T. 05
4	3		1886	.....	28
4	3		1885	.....	S.T. 05
4	4		1886	.....	14
4	4		1885	.....	R.S.T. 03
4	5		1886	.....	14
4	5		1885	.....	R.S.T. 03
4	6		1886	.....	14
4	6		1885	.....	R.S.T. 03
4	7		1886	.....	14
4	7		1885	.....	R.S.T. 03
4	9		1886	.....	14
4	9		1885	.....	R.S.T. 03
4	10		1886	.....	14
4	10		1885	.....	R.S.T. 03
4	11		1886	.....	14
4	11		1885	.....	R.S.T. 03
4	12		1886	.....	14
4	12		1885	.....	R.S.T. 03
4	13		1886	.....	14
4	13		1885	.....	R.S.T. 03
4	14		1886	.....	14
4	14		1885	.....	R.S.T. 03
4	15	Pelham Park	1886	.....	14
4	15		1885	.....	R.S.T. 03
4	16		1886	.....	14
4	16		1885	.....	R.S.T. 03
4	17		1886	.....	14
4	17		1885	.....	R.S.T. 03
4	19		1886	.....	14
4	19		1885	.....	R.S.T. 03
4	20		1886	.....	14
4	20		1885	.....	R.S.T. 03
4	21		1886	.....	14
4	21		1885	.....	R.S.T. 03
4	22		1886	.....	14
4	22		1885	.....	R.S.T. 03
4	23		1886	.....	14
4	23		1885	.....	R.S.T. 03
4	25		1886	.....	14
4	25		1885	.....	R.S.T. 03
4	26		1886	.....	14
4	26		1885	.....	R.S.T. 03
4	27		1886	.....	14
4	27		1885	.....	R.S.T. 03
4	28		1886	.....	14
4	28		1885	.....	R.S.T. 03
4	29		1886	.....	14
4	29		1885	.....	R.S.T. 03
4	30		1886	.....	14
4	30		1885	.....	R.S.T. 03
4	31		1886	.....	14
4	31		1885	.....	R.S.T. 03
4	32		1886	.....	14
4	32		1885	.....	R.S.T. 03
4	33		1886	.....	14
4	33		1885	.....	R.S.T. 03
4	33		1886	.....	14
4	34		1885	.....	R.S.T. 03
4	34		1886	.....	14
4	35		1885	.....	R.S.T. 03
4	35		1886	.....	14
4	36		1885	.....	R.S.T. 03
4	36		1886	.....	14
4	37		1885	.....	R.S.T. 03
5	1		1875	.....	16
5	1		1874	.....	S.T. 03
5	1		1876	.....	10
5	1		1875	.....	S.T. 07
5	1		1877	.....	14
5	1		1876	.....	S.T. 03
5	1		1878	.....	08
5	1		1877	.....	S.T. 03
5	1		1879	.....	08
5	1		1878	.....	S.T. 03

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
5	1	Pelham Park	1880	.....	07
5	1		1879	.....	S.T. 03
5	1		1881	.....	08
5	1		1880	.....	S.T. 03
5	1		1882	.....	08
5	1		1881	.....	S.T. 03
5	1		1883	.....	11
5	1		1882	.....	S.T. 03
5	1		1884	.....	11
5	1		1883	.....	S.T. 04
5	1		1885	.....	13
5	1		1884	.....	S.T. 03
5	1		1888	.....	15
5	1		1887	.....	S.T. 10
5	1	Pelham Park	1889	.....	10
5	1		1888	.....	S.T. 10
5	1		1890	.....	10
5	1		1889	.....	S.T. 16
5	1		1891	.....	12
5	1		1890	.....	S.T. 14
5	1		1892	.....	16
5	1		1891	.....	S.T. 03
5	1		1894	.....	26
5	1		1894	.....	S.T. 03
5	1		1893	.....	R.S.T. 10
5	1		1874	.....	10
5	1		1887	.....	14
5	1		1886	.....	R.S.T. 04
5	1		1892	.....	R.S.T. 04
5	2		1893	.....	19
5	2		1875	.....	16
5	2		1874	.....	S.T. 03
5	2		1876	.....	10
5	2		1875	.....	S.T. 07
5	2		1877	.....	14
5	2		1876	.....	S.T. 03
5	2		1878	.....	08
5	2		1877	.....	S.T. 03
5	2		1879	.....	08
5	2		1878	.....	S.T. 03
5	2		1880	.....	07
5	2		1879	.....	S.T. 03
5	2		1881	.....	08
5	2		1880	.....	S.T. 03
5	2		1882	.....	08
5	2		1881	.....	S.T. 03
5	2		1883	.....	11
5	2		1882	.....	S.T. 03
5	2		1884	.....	11
5	2		1883	.....	S.T. 04
5	2		1885	.....	13
5	2		1884	.....	S.T. 03
5	2		1888	.....	15
5	2		1887	.....	S.T. 10
5	2		1889	.....	10
5	2		1888	.....	S.T. 10
5	2		1890	.....	10
5	3		1889	.....	S.T. 16
5	3		1891	.....	12
5	3		1890	.....	S.T. 14
5	3		1892	.....	16
5	3		1891	.....	S.T. 03
5	3		1894	.....	26
5	3		1893	.....	R.S.T. 10
5	3		1894	.....	S.T. 03
5	3		1873	.....	10
5	3		1887	.....	14
5	3		1886	.....	R.S.T. 04
5	3		1892	.....	R.S.T. 04
5	3		1893	.....	19
5	4		1874	.....	S.T. 03
5	4		1875	.....	16
5	4		1876	.....	10
5	4		1875	.....	S.T. 07
5	4		1877	.....	14
5	4		1876	.....	S.T. 03
5	4		1878	.....	08
5	4		1877	.....	S.T. 03
5	4		1879	.....	08
5	4		1878	.....	S.T. 03
5	4		1880	.....	07

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
5	4	Pelham Park	1879	.....	S.T. 03
5	4		1881	.....	08
5	4		1880	.....	S.T. 03
5	4		1882	.....	08
5	4		1881	.....	S.T. 03
5	4		1883	.....	11
5	4		1882	.....	S.T. 03
5	4		1884	.....	11
5	4		1883	.....	S.T. 04
5	4		1885	.....	13
5	4		1884	.....	S.T. 03
5	4		1888	.....	15
5	4		1887	.....	S.T. 10
5	4		1889	.....	10
5	4		1888	.....	S.T. 10
5	4		1890	.....	10
5	4		1889	.....	S.T. 16
5	4		1891	.....	12
5	4		1890	.....	S.T. 14
5	4		1892	.....	16
5	4		1891	.....	S.T. 03
5	4		1894	.....	26
5	4		1893	.....	R.S.T. 10
5	4		1894	.....	S.T. 03
5	4		1874	.....	10
5	4		1887	.....	14
5	4		1886	.....	R.S.T. 04
5	4		1892	.....	R.S.T. 04
5	4		1893	.....	19
5	4		1875	.....	16
5	4		1874	.....	S.T. 03
5	4		1876	.....	10
5	4		1875	.....	S.T. 07
5	4		1877	.....	14
5	4		1876	.....	S.T. 03
5	4		1878	.....	08
5	4		1877	.....	S.T. 03
5	4		1879	.....	08
5	5		1878	.....	S.T. 03
5	5		1880	.....	07
5	5		1879	.....	S.T. 03
5	5		1881	.....	08
5	5		1880	.....	S.T. 03
5	5		1882	.....	08
5	5		1881	.....	S.T. 03
5	5		1883	.....	11
5	5		1882	.....	S.T. 03
5	5		1884	.....	11
5	5		1883	.....	S.T. 04
5	5		1885	.....	13
5	5		1884	.....	S.T. 03
5	5		1888	.....	15
5	5		1887	.....	S.T. 10
5	5		1889	.....	10
5	5		1888	.....	S.T. 10
5	5		1890	.....	10
5	5		1889	.....	S.T. 16
5	5		1891	.....	12
5	5		1890	.....	S.T. 14
5	5		1892	.....	16
5	5		1891	.....	S.T. 03
5	5		1894	.....	26
5	5		1893	.....	R.S.T. 10
5	5		1894	.....	S.T. 03
5	5		1874	.....	10
5	5		1887	.....	14
5	5		1886	.....	R.S.T. 04
5	5		1892	.....	R.S.T. 04
5	5		1893	.....	19
5	6		1875	.....	16
5	6		1874	.....	S.T. 03
5	6		1876	.....	10
5	6		1875	.....	S.T. 07
5	6		1877	.....	14
5	6		1876	.....	S.T. 03
5	6		1878	.....	08
5	6		1877	.....	S.T. 03
5	6		1879	.....	08
5	6		1878	.....	S.T. 03
5	6		1880	.....	07
5	6		1879	.....	S.T. 03
5	6		1881	.....	08
5	6		1880	.....	S.T. 03
5	6		1882	.....	08
5	6		1881	.....	S.T. 03
5	6		1883	.....	11
5	6		1882	.....	S.T. 03
5	6		1884	.....	11
5	6		1883	.....	S.T. 04
5	6		1885	.....	13
5	6		1884	.....	S.T. 03
5	6		1888	.....	15
5	6		1887	.....	S.T. 10
5	6		1889	.....	10
5	6		1888	.....	S.T. 10
5	6		1890	.....	10
5	6		1889	.....	S.T. 16
5	6		1891	.....	12
5	6		1890	.....	S.T. 14
5	6		1892	.....	16
5	6		1891	.....	S.T. 03
5	6		1894	.....	26
5	6		1893	.....	R.S.T. 10
5	6		1894	.....	S.T. 03
5	6		1874	.....	10
5	6		1887	.....	14
5	6		1886	.....	R.S.T. 04
5	6		1893	.....	19
5	6		1892	.....	R.S.T. 04
5	7		1875	.....	16
5	7		1874	.....	S.T. 03
5	7		1876	.....	10
5	7		1875	.....	S.T. 07
5	7		1877	.....	14
5	7		1876	.....	S.T. 03
5	7		1878	.....	08
5	7		1877	.....	S.T. 03
5	7		1879	.....	08
5	7		1878	.....	S.T. 03
5	7		1880	.....	07
5	7		1879	.....	S.T. 03
5	7	Pelham Park	1881	.....	08
5	7		1880	.....	S.T. 03
5	7		1882	.....	08
5	7		1881	.....	S.T. 03
5	7		1883	.....	11
5	7		1882	.....	S.T. 03
5	7		1884	.....	11
5	7		1883	.....	S.T. 04
5	7		1885	.....	13
5	7		1884	.....	S.T. 03
5	7		1888	.....	15
5	7		1887	.....	S.T. 10
5	7		1889	.....	10
5	7		1888	.....	S.T. 10
5	7		1890	.....	10
5	7		1889	.....	S.T. 16
5	7		1891	.....	12
5	7		1890	.....	S.T. 14
5	7		1892	.....	16
5	7		1891	.....	S.T. 03
5	7		1894	.....	26
5	7		1893	.....	R.S.T. 10
5	7		1894	.....	S.T. 03
5	7		1887	.....	14
5	7		1886	.....	R.S.T. 04
5	7		1893	.....	19
5	7		1892	.....	R.S.T. 04
5	8		1875	.....	16
5	8		1874	.....	S.T. 03
5	8		1876	.....	10
5	8		1875	.....	S.T. 07
5	8		1877	.....	14
5	8		1876	.....	S.T. 03
5	8		1878	.....	08
5	8		1877	.....	S.T. 03
5	8		1879	.....	08
5	8		1878	.....	S.T. 03
5	8		1880	.....	07
5	8		1879	.....	S.T. 03
5	8		1881	.....	08
5	8		1880	.....	S.T. 03
5	8		1882	.....	08
5	8		1881	.....	S.T. 03
5	8		1883	.....	11
5	8		1882	.....	S.T. 03
5	8		1884	.....	11
5	8		1883	.....	S.T. 04
5	8		1885	.....	13
5	8		1884	.....	S.T. 03
5	8		1888	.....	15
5	8		1887	.....	S.T. 10
5	8		1889	.....	10
5	8		1888	.....	S.T. 10
5	8		1890	.....	10
5	8		1889	.....	S.T. 16
5	8		1891	.....	12
5	8		1890	.....	S.T. 14
5	8		1892	.....	16
5	8		1891	.....	S.T. 03
5	8		1894	.....	26
5	8		1893	.....	R.S.T. 10
5	8		1894	.....	S.T. 03
5	8		1887	.....	14
5	8		1886	.....	R.S.T. 04
5	8		1893	.....	19
5	8		1892	.....	R.S.T. 04
5	8		1875	.....	16
5	8		1874	.....	S.T. 03
5	8		1876	.....	10
5	8		1875	.....	S.T. 07
5	8		1877	.....	14
5	8		1876	.....	S.T. 03
5	8		1878	.....	08
5	8		1877	.....	S.T. 03
5	8		1879	.....	08
5	8		1878	.....	S.T. 03
5	8		1880	.....	07
5	8		1879	.....	S.T. 03
5	8		1881	.....	08
5	8		1880	.....	S.T. 03
5	8		1882	.....	08
5	8		1881	.....	S.T. 03
5	8		1883	.....	11
5	8		1882	.....	S.T. 03
5	8		1884	.....	11
5	8		1883	.....	S.T. 04
5	8		1885	.....	13
5	8		1884	.....	S.T. 03
5	8		1888	.....	15
5	8		1887	.....	S.T. 10
5	8		1889	.....	10
5	8		1888	.....	S.T. 10
5	8		1890	.....	10
5	8		1889	.....	S.T. 16
5	8		1891	.....	12
5	8		1890	.....	S.T. 14
5	8		1892	.....	16
5	8		1891	.....	S.T. 03
5	8		1894	.....	26
5	8		1893	.....	R.S.T. 10
5	8		1894	.....	S.T. 03
5	8		1887	.....	14
5	8		1886	.....	R.S.T. 04
5	8		1893	.....	19
5	8		1892	.....	R.S.T. 04
5	8		1875	.....	16
5	8		1874	.....	S.T. 03
5	8		1876	.....	10
5	8		1875	.....	S.T. 07
5	8		1877	.....	14
5	8		1876	.....	S.T. 03
5	8		1878	.....	08
5	8		1877	.....	S.T. 03
5	8		1879	.....	08
5	8		1878	.....	S.T. 03
5	8		1880	.....	07
5	8		1879	.....	S.T. 03
5	8		1881	.....	08
5	8		1880	.....	S.T. 03
5	8		1882	.....	08
5	8		1881	.....	S.T. 03
5	8		1883	.....	11
5	8		1882	.....	S.T. 03
5	9		1884	.....	11
5	9		1883	.....	S.T. 04
5	9		1885	.....	13
5	9		1884	.....	S.T. 03
5	9		1888	.....	15
5	9		1887	.....	S.T. 10
5	9		1889	.....	10
5	9		1888	.....	S.T. 10
5	9		1890	.....	10
5	9		1889	.....	S.T. 16
5	9		1891	.....	12
5	9		1890	.....	S.T. 14
5	9		1892	.....	16
5	9		1891	.....	S.T. 03
5	9		1894	.....	26
5	9		1893	.....	R.S.T. 10
5	9		1894	.....	S.T. 03
5	9		1874	.....	10
5	9		1887	.....	14
5	9		1886	.....	R.S.T. 04
5	9		1893	.....	19
5	9		1892	.....	R.S.T. 04
5	10		1892	.....	16
5	10		1891	.....	S.T. 03
5	10		1894	.....	26
5	10		1893	.....	R.S.T. 10
5	10		1894	.....	S.T. 03
5	10		1893	.....	19
5	10		1892	.....	R.S.T. 04
5	10		1891	.....	12
5	10		1890	.....	R.S.T. 14
5	10		1890	.....	10
5	10		1889	.....	R.S.T. 16
7	2	Park	1877	.....	90
7	2		1876	.....	S.T. 12
7	2		1878	.....	53
7	2		1877	.....	S.T. 13

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
7	2	Park	1880	.....	45
7	2		1879	.....	S.T. 15
7	2		1881	.....	49
7	2		1880	.....	S.T. 16
7	2		1882	.....	53
7	2		1881	.....	S.T. 16
7	2		1883	.....	44
7	2		1882	.....	S.T. 14
7	2		1884	.....	44
7	2		1883	.....	S.T. 12
7	2		1885	.....	51
7	2		1884	.....	S.T. 09
7	2		1886	.....	55
7	2		1885	.....	S.T. 09
7	2		1887	.....	56
7	2		1886	.....	S.T. 13
7	2		1888	.....	59
7	2		1887	.....	S.T. 17
7	2		1879	.....	51
7	2		1878	.....	R.S.T. 11
7	6		1877	.....	1 79
7	6		1876	.....	S.T. 23
7	6		1878	.....	1 07
7	6		1877	.....	S.T. 26
7	6		1880	.....	89
7	6		1879	.....	S.T. 31
7	6		1881	.....	97
7	6		1880	.....	S.T. 31
7	6		1882	.....	1 06
7	6		1881	.....	S.T. 28
7	6		1884	.....	88
7	6		1883	.....	S.T. 24
7	6		1885	.....	1 02
7	6		1884	.....	S.T. 18
7	6		1886	.....	1 10
7	6		1885	.....	S.T. 18
7	6		1887	.....	1 11
7	6		1886	.....	S.T. 26
7	6		1888	.....	1 18
7	6		1887	.....	S.T. 27
7	6		1879	.....	1 02
7	6		1878	.....	R.S.T. 22
7	14-18		1889	.....	7 79
7	14-18		1888	.....	S.T.2 14
8	1		1873	.....	38
8	2		1873	.....	30
8	3		1873	.....	30
8	4		1873	.....	30
8	5		1873	.....	39
8	6		1873	.....	30
8	7		1873	.....	30
8	8		1873	.....	30
8	9		1873	.....	30
8	10		1873	.....	30
8	11		1873	.....	30
8	12		1873	.....	30
8	13		1873	.....	30
8	14		1873	.....	40
8	15		1873	.....	35
8	16		1873	.....	35
8	17		1873	.....	35
8	18		1873	.....	35
8	18		1889	.....	39
8	18		1888	.....	S.T. 27
8	19		1873	.....	35
8	19		1889	.....	78
8	19		1888	.....	S.T. 27
8	20		1873	.....	35
8	20		1889	.....	78
8	21		1873	.....	40
8	21		1889	.....	78
8	22		1873	.....	30
8	24		1873	.....	30
8	25		1873	.....	30
8	26		1873	.....	30
12	5		1875	.....	16
12	5		1874	.....	S.T. 03
12	5		1876	.....	10
12	5		1875	.....	S.T. 07
12	5		1877	.....	14
12	5		1876	.....	S.T. 03
12	5		1878	.....	08
12	5		1877	.....	S.T. 03
12	5		1879	.....	08
12	5		1878	.....	S.T. 03
12	5		1880	.....	07
12	5		1879	.....	S.T. 03
12	5		1881	.....	08
12	5		1880	.....	S.T. 03
12	5		1882	.....	08
12	5		1881	.....	S.T. 03
12	5		1883	.....	11
12	5		1882	.....	S.T. 03
12	5		1884	.....	11
12	5		1883	.....	S.T. 04
12	5		1885	.....	13
12	5		1884	.....	S.T. 03
12	5		1887	.....	14
12	5		1886	.....	S.T. 04
12	5		1888	.....	15
12	5		1887	.....	S.T. 10
12	5		1889	.....	10
12	5		1888	.....	S.T. 10
12	5		1890	.....	10
12	5		1889	.....	S.T. 16
12	5		1891	.....	12
12	5		1890	.....	S.T. 14
12	5		1892	.....	17
12	5		1891	.....	S.T. 03
12	5		1894	.....	26
12	5		1893	.....	R.S.T. 10
12	5		1894	.....	S.T. 03
12	5		1886	.....	14
12	5		1885	.....	R.S.T. 03
12	5		1874	.....	10
12	5		1893	.....	19
12	5		1892	.....	R.S.T. 04
12	6		1875	.....	16
12	6		1874	.....	S.T. 03
12	6		1876	.....	10
12	6		1875	.....	S.T. 07
12	6	Park	1877	.....	14
12	6		1876	.....	S.T. 03
12	6		1878	.....	08
12	6		1877	.....	S.T. 03
12	6		1879	.....	08
12	6		1878	.....	S.T. 03
12	6		1880	.....	07
12	6		1879	.....	03
12	6		1881	.....	08
12	6		1880	.....	S.T. 03
12	6		1882	.....	08
12	6		1881	.....	S.T. 03
12	6		1883	.....	11
12	6		1882	.....	S.T. 03
12	6		1884	.....	11
12	6		1883	.....	04
12	6		1885	.....	13
12	6		1884	.....	S.T. 03
12	6		1887	.....	14
12	6		1886	.....	S.T. 04
12	6		1888	.....	15
12	6		1887	.....	S.T. 10
12	6		1889	.....	10
12	6		1888	.....	S.T. 10
12	6		1890	.....	10
12	6		1889	.....	S.T. 16
12	6		1891	.....	12
12	6		1890	.....	S.T. 14
12	6		1892	.....	17
12	6		1891	.....	S.T. 03
12	6		1894	.....	26
12	6		1893	.....	R.S.T. 10
12	6		1894	.....	S.T. 03
12	6		1886	.....	14
12	6		1885	.....	R.S.T. 03
12	6		1874	.....	10
12	6		1893	.....	19
12	6		1892	.....	R.S.T. 04
12	7		1875	.....	16
12	7		1874	.....	S.T. 03
12	7		1876	.....	10
12	7		1875	.....	S.T. 07
12	7		1877	.....	14
12	7		1876	.....	S.T. 03
12	7		1878	.....	08
12	7		1877	.....	S.T. 03
12	7		1879	.....	08
12	7		1878	.....	S.T. 03
12	7		1880	.....	07
12	7		1879	.....	S.T. 03
12	7		1881	.....	08
12	7		1880	.....	S.T. 03
12	7		1882	.....	08
12	7		1881	.....	S.T. 03
12	7		1883	.....	11
12	7		1882	.....	S.T. 03
12	7		1884	.....	11
12	7		1883	.....	04
12	7		1885	.....	13
12	7		1884	.....	S.T. 03
12	7		1887	.....	14
12	7		1886	.....	S.T. 04
12	7		1888	.....	15
12	7		1887	.....	S.T. 10
12	7		1889	.....	10
12	7		1888	.....	S.T. 10
12	7		1890	.....	10
12	7		1889	.....	S.T. 16
12	7		1891	.....	12
12	7		1890	.....	S.T. 14
12	7		1892	.....	17
12	7		1891	.....	S.T. 03
12	7		1894	.....	26
12	7		1893	.....	R.S T. 10
12	7		1894	.....	S.T. 03
12	7		1886	.....	14
12	7		1885	.....	R.S.T. 03
12	7		1874	.....	10
12	7		1893	.....	19
12	7		1892	.....	R.S.T. 04
12	8		1875	.....	16
12	8		1874	.....	S.T. 03
12	8		1876	.....	10
12	8		1875	.....	07
12	8		1877	.....	14
12	8		1876	.....	S.T. 03
12	8		1878	.....	08
12	8		1877	.....	S.T. 03
12	8		1879	.....	08
12	8		1878	.....	S.T. 03
12	8		1880	.....	07
12	8		1879	.....	S.T. 03
12	8		1881	.....	08
12	8		1880	.....	S.T. 03
12	8		1882	.....	08
12	8		1881	.....	S.T. 03
12	8		1883	.....	11
12	8		1882	.....	S.T. 03
12	8		1884	.....	11
12	8		1883	.....	S.T. 04
12	8		1885	.....	13
12	8		1884	.....	S.T. 03
12	8		1887	.....	14
12	8		1886	.....	S.T. 04
12	8		1888	.....	15
12	8		1887	.....	S.T. 10
12	8		1889	.....	10
12	8		1888	.....	S.T. 10
12	8		1890	.....	10
12	8		1889	.....	S.T. 16
12	8		1891	.....	12
12	8		1890	.....	S.T. 14
12	8		1892	.....	17
12	8		1891	.....	S.T. 03
12	8		1894	.....	26
12	8		1893	.....	R.S.T. 10
12	8		1894	.....	S.T. 03
12	8		1886	.....	14
12	8		1885	.....	R.S.T. 03
12	8		1874	.....	10
12	8		1893	.....	19

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
12	8	Park	1892	.....	R.S.T. 04
12	9		1875	.....	16
12	9		1874	.....	S.T. 03
12	9		1876	.....	10
12	9		1875	.....	S.T. 07
12	9		1877	.....	14
12	9		1876	.....	S.T. 03
12	9		1878	.....	08
12	9		1877	.....	S.T. 03
12	9		1879	.....	08
12	9		1878	.....	S.T. 03
12	9		1880	.....	07
12	9		1879	.....	S.T. 03
12	9		1881	.....	08
12	9		1880	.....	S.T. 03
12	9		1882	.....	08
12	9		1881	.....	S.T. 03
12	9		1883	.....	11
12	9		1882	.....	S.T. 03
12	9		1884	.....	11
12	9		1883	.....	S.T. 04
12	9		1885	.....	13
12	9		1884	.....	S.T. 03
12	9		1887	.....	14
12	9		1886	.....	S.T. 04
12	9		1888	.....	15
12	9		1887	.....	S.T. 10
12	9		1889	.....	10
12	9		1888	.....	S.T. 10
12	9		1890	.....	10
12	9		1889	.....	S.T. 16
12	9		1891	.....	12
12	9		1890	.....	S.T. 14
12	9		1892	.....	17
12	9		1891	.....	S.T. 03
12	9		1894	.....	26
12	9		1893	.....	R.S.T. 10
12	9		1894	.....	S.T. 03
12	9		1886	.....	14
12	9		1885	....	R.S.T. 03
12	9		1874	.....	10
12	9		1893	.....	19
12	9		1892	.....	S.T. 04
12	10		1875	.....	16
12	10		1874	.....	S.T. 03
12	10		1876	.....	10
12	10		1875	.....	S.T. 07
12	10		1877	.....	14
12	10		1876	.....	S.T. 03
12	10		1878	.....	08
12	10		1877	.....	S.T. 03
12	10		1879	.....	08
12	10		1878	.....	S.T. 03
12	10		1880	.....	07
12	10		1879	.....	S.T. 03
12	10		1881	.....	08
12	10		1880	.....	S.T. 03
12	10		1882	.....	08
12	10		1881	.....	S.T. 03
12	10		1883	.....	11
12	10		1882	.....	S.T. 03
12	10		1884	.....	11
12	10		1883	.....	S.T. 04
12	10		1885	.....	13
12	10		1884	.....	S.T. 03
12	10		1887	.....	14
12	10		1886	.....	S.T. 04
12	10		1888	.....	15
12	10		1887	.....	S.T. 10
12	10		1889	.....	10
12	10		1888	.....	S.T. 10
12	10		1890	.....	10
12	10		1889	.....	S.T. 16
12	10		1891	.....	12
12	10		1890	.....	S.T. 14
12	10		1892	.....	17
12	10		1891	.....	S.T. 03
12	10		1894	.....	26
12	10		1893	.....	R.S.T. 10
12	10		1894	.....	S.T. 03
12	10		1886	....	14
12	10		1885	.....	R.S.T. 03
12	10		1874	.....	10
12	10		1893	.....	19
12	10		1892	.....	S.T. 04
12	11	Pelham Park	1875	.....	16
12	11		1874	.....	S.T. 03
12	11		1876	.....	10
12	11		1875	.....	S.T. 07
12	11		1877	.....	14
12	11		1876	.....	S.T. 03
12	11		1878	.....	08
12	11		1876	.....	S.T. 03
12	11		1879	.....	08
12	11		1878	.....	S.T. 03
12	11		1880	.....	07
12	11		1879	.....	S.T. 03
12	11		1881	.....	08
12	11		1880	.....	S.T. 03
12	11		1882	.....	08
12	11		1881	.....	S.T. 03
12	11		1883	.....	11
12	11		1882	.....	S.T. 03
12	11		1884	.....	11
12	11		1883	.....	S.T. 04
12	11		1885	.....	13
12	11		1884	.....	S.T. 03
12	11		1887	.....	14
12	11		1886	.....	S.T. 04
12	11		1888	.....	15
12	11		1887	.....	S.T. 10
12	11		1889	.....	10
12	11		1888	.....	S.T. 10
12	11		1890	.....	10
12	11		1889	.....	S.T. 16
12	11		1891	.....	12
12	11		1890	.....	S.T. 14
12	11		1892	.....	17
12	11		1891	.....	S.T. 03
12	11		1894	.....	26
12	11		1893	.....	R.S.T. 10
12	11	Pelham Park	1894	.....	S.T. 03
12	11		1886	.....	14
12	11		1885	.....	S.T. 03
12	11		1887	.....	14
12	11		1886	.....	S.T. 04
12	11		1888	.....	15
12	11		1887	.....	S.T. 10
12	11		1889	.....	10
12	11		1888	.....	S.T. 10
12	11		1890	.....	10
12	11		1889	.....	S.T. 16
12	11		1891	.....	12
12	11		1890	.....	S.T. 14
12	11		1892	.....	17
12	11		1891	.....	S.T. 03
12	11		1894	.....	26
12	11		1893	.....	R.S.T. 10
12	11		1894	.....	S.T. 03
12	11		1874	.....	10
12	11		1893	.....	19
12	11		1892	.....	R.S.T. 04
12	11		1875	.....	16
12	11		1874	.....	S.T. 03
12	11		1876	.....	10
12	11		1875	.....	S.T. 07
12	11		1877	.....	14
12	11		1876	.....	S.T. 03
12	11		1878	.....	08
12	11		1876	.....	S.T. 03
12	11		1879	.....	08
12	11		1878	.....	S.T. 03
12	11		1880	.....	07
12	11		1879	.....	S.T. 03
12	11		1881	.....	08
12	11		1880	.....	S.T. 03
12	11		1882	.....	08
12	11		1881	.....	S.T. 03
12	11		1883	.....	11
12	11		1882	.....	S.T. 03
12	11		1884	.....	11
12	11		1883	.....	S.T. 04
12	11		1885	.....	13
12	11		1884	.....	S.T. 03
12	11		1887	.....	14
12	11		1886	.....	S.T. 04
12	11		1888	.....	15
12	11		1887	.....	S.T. 10
12	11		1889	.....	10
12	11		1888	.....	S.T. 10
12	11		1890	.....	10
12	11		1889	.....	S.T. 16
12	11		1891	.....	12
12	11		1890	.....	S.T. 14
12	11		1892	.....	17
12	11		1891	.....	S.T. 03
12	11		1894	.....	26
12	11		1893	.....	R.S.T. 10
12	11	Pelham Park	1894	.....	S.T. 03
12	11		1886	.....	14
12	11		1885	.....	S.T. 03
12	11		1887	.....	14
12	11		1886	.....	S.T. 04
12	11		1888	.....	15
12	11		1887	.....	S.T. 10
12	11		1889	.....	10
12	11		1888	.....	S.T. 10
12	11		1890	.....	10
12	11		1889	.....	S.T. 16
12	11		1891	.....	12
12	11		1890	.....	S.T. 14
12	11		1892	.....	17
12	11		1891	.....	S.T. 03
12	11		1894	.....	26
12	11		1893	.....	R.S.T. 10
12	11		1894	.....	S.T. 03
12	11		1874	.....	10
12	11		1893	.....	19
12	11		1892	.....	R.S.T. 04
12	11		1875	.....	16
12	11		1874	.....	S.T. 03
12	11		1876	.....	10
12	11		1875	.....	S.T. 07
12	11		1877	.....	14
12	11		1876	.....	S.T. 03
12	11		1878	.....	08
12	11		1876	.....	S.T. 03
12	11		1879	.....	08
12	11		1878	.....	S.T. 03
12	11		1880	.....	07
12	11		1879	.....	S.T. 03
12	11		1881	.....	08
12	11		1880	.....	S.T. 03
12	11		1882	.....	08
12	11		1881	.....	S.T. 03
12	11		1883	.....	11
12	11		1882	.....	S.T. 03
12	11		1884	.....	11
12	11		1883	.....	S.T. 04
12	11		1885	.....	13
12	11		1884

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
12	14	Pelham Park	1891	.....	S.T. 03
12	14		1894	.....	26
12	14		1893	.....	R.S.T. 10
12	14		1894	.....	S.T. 03
12	14		1874	.....	10
12	14		1893	.....	19
12	14		1892	.....	R.S.T. 04
12	14		1875	.....	16
12	15		1874	.....	S.T. 03
12	15		1876	.....	10
12	15		1875	.....	S.T. 07
12	15		1877	.....	14
12	15		1876	.....	S.T. 03
12	15		1878	.....	08
12	15		1877	.....	S.T. 03
12	15		1879	.....	08
12	15		1878	.....	S.T. 03
12	15		1880	.....	07
12	15		1879	.....	S.T. 03
12	15		1881	.....	08
12	15		1880	.....	S.T. 03
12	15		1882	.....	08
12	15		1881	.....	S.T. 03
12	15		1883	.....	11
12	15		1882	.....	S.T. 03
12	15		1884	.....	11
12	15		1883	.....	S.T. 04
12	15		1885	.....	13
12	15		1884	.....	S.T. 03
12	15		1887	.....	14
12	15		1886	.....	S.T. 04
12	15		1888	.....	15
12	15		1887	.....	S.T. 10
12	15		1889	.....	10
12	15		1888	.....	S.T. 10
12	15		1890	.....	10
12	15		1889	.....	S.T. 16
12	15		1891	.....	12
12	15		1890	.....	S.T. 14
12	15		1892	.....	17
12	15		1891	.....	S.T. 03
12	15		1894	.....	26
12	15		1893	.....	R.S.T. 10
12	15		1894	.....	S.T. 03
12	15		1886	.....	14
12	15		1885	.....	R.S.T. 03
12	15		1874	.....	10
12	15		1893	.....	19
12	15		1892	.....	R.S.T. 04
12	16		1875	.....	16
12	16		1874	.....	S.T. 03
12	16		1876	.....	10
12	16		1875	.....	S.T. 07
12	16		1877	.....	14
12	16		1876	.....	S.T. 03
12	16		1878	.....	08
12	16		1877	.....	S.T. 03
12	16		1879	.....	08
12	16		1878	.....	S.T. 03
12	16		1880	.....	07
12	16		1879	.....	S.T. 03
12	16		1881	.....	08
12	16		1880	.....	S.T. 03
12	16		1882	.....	08
12	16		1881	.....	S.T. 03
12	16		1883	.....	11
12	16		1882	.....	S.T. 03
12	16		1884	.....	11
12	16		1883	.....	S.T. 04
12	16		1885	.....	13
12	16		1884	.....	S.T. 03
12	16		1887	.....	14
12	16		1886	.....	S.T. 04
12	16		1888	.....	15
12	16		1887	.....	S.T. 10
12	16		1889	.....	10
12	16		1888	.....	S.T. 10
12	16		1890	.....	10
12	16		1889	.....	S.T. 16
12	16		1891	.....	12
12	16		1890	.....	S.T. 14
12	16		1892	.....	17
12	16		1891	.....	S.T. 03
12	16		1894	.....	26
12	16		1893	.....	R.S.T. 10
12	16		1894	.....	S.T. 03
12	16		1886	.....	14
12	16		1885	.....	R.S.T. 03
12	16		1874	.....	10
12	16		1893	.....	19
12	16		1892	.....	R.S.T. 04
12	17		1875	.....	16
12	17		1874	.....	S.T. 03
12	17		1876	.....	10
12	17		1875	.....	S.T. 07
12	17		1877	.....	14
12	17		1876	.....	S.T. 03
12	17		1878	.....	08
12	17		1877	.....	S.T. 03
12	17		1879	.....	08
12	17		1878	.....	S.T. 03
12	17		1880	.....	07
12	17		1879	.....	S.T. 03
12	17		1881	.....	08
12	17		1880	.....	S.T. 03
12	17		1882	.....	08
12	17		1881	.....	S.T. 03
12	17		1883	.....	11
12	17		1882	.....	S.T. 03
12	17		1884	.....	11
12	17		1883	.....	S.T. 04
12	17		1885	.....	13
12	17		1884	.....	S.T. 03
12	17		1887	.....	14
12	17		1886	.....	S.T. 04
12	17		1888	.....	15
12	17		1887	.....	S.T. 10
12	17		1889	.....	10
12	17		1888	.....	S.T. 10
12	17		1890	.....	10
12	17	Pelham Park	1889	.....	S.T. 16
12	17		1891	.....	12
12	17		1890	.....	S.T. 14
12	17		1892	.....	17
12	17		1891	.....	S.T. 03
12	17		1894	.....	26
12	17		1893	.....	R.S.T. 10
12	17		1894	.....	S.T. 03
12	17		1886	.....	14
12	17		1885	.....	R.S.T. 03
12	17		1874	.....	10
12	17		1893	.....	19
12	17		1892	.....	R.S.T. 04
12	18		1875	.....	16
12	18		1874	.....	S.T. 03
12	18		1876	.....	10
12	18		1875	.....	S.T. 07
12	18		1877	.....	14
12	18		1876	.....	S.T. 03
12	18		1878	.....	08
12	18		1877	.....	S.T. 03
12	18		1879	.....	08
12	18		1878	.....	S.T. 03
12	18		1880	.....	07
12	18		1879	.....	S.T. 03
12	18		1881	.....	08
12	18		1880	.....	S.T. 03
12	18		1882	.....	08
12	18		1881	.....	S.T. 03
12	18		1883	.....	11
12	18		1882	.....	S.T. 03
12	18		1884	.....	11
12	18		1883	.....	S.T. 04
12	18		1885	.....	13
12	18		1884	.....	S.T. 03
12	18		1887	.....	14
12	18		1886	.....	S.T. 04
12	18		1888	.....	15
12	18		1887	.....	S.T. 10
12	18		1889	.....	10
12	18		1888	.....	S.T. 10
12	18		1890	.....	10
12	18		1889	.....	S.T. 16
12	18		1891	.....	12
12	18		1890	.....	S.T. 14
12	18		1892	.....	17
12	18		1891	.....	S.T. 03
12	18		1894	.....	26
12	18		1893	.....	R.S.T. 10
12	18		1894	.....	S.T. 03
12	18		1886	.....	14
12	18		1885	.....	R.S.T. 03
12	18		1874	.....	10
12	18		1893	.....	19
12	18		1892	.....	R.S.T. 04
12	19		1875	.....	16
12	19		1874	.....	S.T. 03
12	19		1876	.....	10
12	19		1875	.....	S.T. 07
12	19		1877	.....	14
12	19		1876	.....	S.T. 03
12	19		1878	.....	08
12	19		1880	.....	07
12	19		1879	.....	S.T. 03
12	19		1881	.....	08
12	19		1880	.....	S.T. 03
12	19		1882	.....	08
12	19		1881	.....	S.T. 03
12	19		1883	.....	11
12	19		1882	.....	S.T. 03
12	19		1884	.....	11
12	19		1883	.....	S.T. 04
12	19		1885	.....	13
12	19		1884	.....	S.T. 03
12	19		1887	.....	14
12	19		1886	.....	S.T. 04
12	19		1888	.....	15
12	19		1887	.....	S.T. 10
12	19		1889	.....	10
12	19		1888	.....	S.T. 10
12	19		1890	.....	10
12	19		1889	.....	S.T. 16
12	19		1891	.....	12
12	19		1890	.....	S.T. 14
12	19		1892	.....	17
12	19		1891	.....	S.T. 03
12	19		1894	.....	26
12	19		1893	.....	R.S.T. 10
12	19		1894	.....	S.T. 03
12	19		1886	.....	14
12	19		1885	.....	R.S.T. 03
12	19		1874	.....	10
12	19		1893	.....	19
12	19		1892	.....	R.S.T. 04
12	20		1875	.....	16
12	20		1874	.....	S.T. 03
12	20		1876	.....	10
12	20		1875	.....	S.T. 07
12	20		1877	.....	14
12	20		1876	.....	S.T. 03
12	20		1878	.....	08
12	20		1877	.....	03
12	20		1879	.....	08
12	20		1878	.....	S.T. 03
12	20		1880	.....	07
12	20		1879	.....	S.T. 03
12	20		1881	.....	08
12	20		1880	.....	S.T. 03
12	20		1882	.....	08
12	20		1881	.....	S.T. 03
12	20		1883	.....	11
12	20		1882	.....	S.T. 03
12	20		1884	.....	11
12	20		1883	.....	S.T. 04
12	20		1885	.....	13
12	20		1884	.....	S.T. 03
12	20		1887	.....	14

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
12	20	Pelham Park	1886	.....	S.T. 04
12	20		1888	.....	15
12	20		1887	.....	S.T. 10
12	20		1889	.....	10
12	20		1888	.....	S.T. 10
12	20		1890	.....	10
12	20		1889	.....	S.T. 16
12	20		1891	.....	12
12	20		1890	.....	S.T. 14
12	20		1892	.....	17
12	20		1891	.....	S.T. 03
12	20		1894	.....	26
12	20		1893	.....	R.S.T. 10
12	20		1894	.....	S.T. 03
12	20		1886	.....	14
12	20		1885	.....	R.S.T. 03
12	20		1874	.....	10
12	20		1892	.....	R.S.T. 04
12	20		1893	.....	19
13	1		1875	.....	16
13	1		1874	.....	S.T. 03
13	1		1876	.....	10
13	1		1875	.....	S.T. 07
13	1		1877	.....	14
13	1		1876	.....	S.T. 03
13	1		1878	.....	08
13	1		1877	.....	S.T. 03
13	1		1879	.....	08
13	1		1878	.....	S.T. 03
13	1		1880	.....	07
13	1		1879	.....	S.T. 03
13	1		1881	.....	08
19	1		1880	.....	S.T. 03
13	1		1882	.....	08
13	1		1881	.....	S.T. 03
13	1		1883	.....	11
13	1		1882	.....	S.T. 03
13	1		1884	.....	11
13	1		1883	.....	S.T. 04
13	1		1885	.....	13
13	1		1884	.....	S.T. 03
13	1		1887	.....	14
13	1		1886	.....	S.T. 04
13	1		1888	.....	15
13	1		1887	.....	S.T. 10
13	1		1889	.....	10
13	1		1888	.....	S.T. 10
13	1		1890	.....	10
13	1		1889	.....	S.T. 16
13	1		1891	.....	12
13	1		1890	.....	S.T. 14
13	1		1892	.....	17
13	1		1891	.....	S.T. 03
13	1		1894	.....	26
13	1		1893	.....	R.S.T. 10
13	1		1894	.....	S.T. 03
13	1		1886	.....	14
13	1		1885	.....	R.S.T. 03
13	1		1874	.....	10
13	1		1893	.....	19
13	1		1892	.....	R.S.T. 04
13	2	Pelham Park	1875	.....	16
13	2		1874	.....	S.T. 03
13	2		1876	.....	10
13	2		1875	.....	S.T. 07
13	2		1877	.....	14
13	2		1876	.....	S.T. 03
13	2		1878	.....	08
13	2		1877	.....	S.T. 03
13	2		1879	.....	08
13	2		1878	.....	S.T. 03
13	2		1880	.....	07
13	2		1879	.....	S.T. 03
13	2		1881	.....	08
13	2		1880	.....	S.T. 03
13	2		1882	.....	08
13	2		1881	.....	S.T. 03
13	2		1883	.....	11
13	2		1882	.....	S.T. 03
13	2		1884	.....	11
13	2		1883	.....	S.T. 04
13	2		1885	.....	13
13	2		1884	.....	S.T. 03
13	2		1887	.....	14
13	2		1886	.....	S.T. 04
13	2		1888	.....	15
13	2		1887	.....	S.T. 10
13	2		1889	.....	10
13	2		1888	.....	S.T. 10
13	2		1890	.....	10
13	2		1889	.....	S.T. 16
13	2		1891	.....	12
13	2		1890	.....	S.T. 14
13	2		1892	.....	17
13	2		1891	.....	S.T. 03
13	2		1894	.....	26
13	2		1893	.....	R.S.T. 10
13	2		1894	.....	S.T. 03
13	2		1886	.....	14
13	2		1885	.....	R.S.T. 03
13	2		1874	.....	10
13	2		1893	.....	19
13	2		1892	.....	R.S.T. 04
13	3	Pelham Park	1875	.....	16
13	3		1874	.....	S.T. 03
13	3		1876	.....	10
13	3		1875	.....	S.T. 07
13	3		1877	.....	14
13	3		1876	.....	S.T. 03
13	3		1878	.....	08
13	3		1877	.....	S.T. 03
13	3		1879	.....	08
13	3		1878	.....	S.T. 03
13	3		1880	.....	07
13	3		1879	.....	S.T. 03
13	3		1881	.....	08
13	3		1880	.....	S.T. 03
13	3		1882	.....	08
13	3		1881	.....	S.T. 03
13	3		1883	.....	11

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
13	3	Pelham Park	1882	.....	S.T. 04
13	3		1884	.....	11
13	3		1883	.....	S.T. 04
13	3		1885	.....	13
13	3		1884	.....	S.T. 03
13	3		1887	.....	14
13	3		1886	.....	S.T. 04
13	3		1888	.....	15
13	3		1887	.....	S.T. 10
13	3		1889	.....	10
13	3		1888	.....	S.T. 10
13	3		1890	.....	10
13	3		1889	.....	S.T. 16
13	3		1891	.....	12
13	3		1890	.....	S.T. 14
13	3		1892	.....	17
13	3		1891	.....	S.T. 03
13	3		1894	.....	26
13	3		1893	.....	R.S.T. 10
13	3	Pelham Park	1894	.....	S.T. 03
13	3		1886	.....	14
13	3		1885	.....	R.S.T. 03
13	3		1874	.....	10
13	3		1893	.....	19
13	3		1892	.....	R.S.T. 04
13	4		1875	.....	16
13	4		1874	.....	S.T. 03
13	4		1876	.....	10
13	4		1875	.....	S.T. 07
13	4		1877	.....	14
13	4		1876	.....	S.T. 03
13	4		1878	.....	08
13	4		1877	.....	S.T. 03
13	4		1879	.....	08
13	4		1878	.....	S.T. 03
13	4		1880	.....	07
13	4		1879	.....	S.T. 03
13	4		1881	.....	08
13	4		1880	.....	S.T. 03
13	4		1882	.....	08
13	4		1881	.....	S.T. 03
13	4		1883	.....	11
13	4		1882	.....	S.T. 03
13	4		1884	.....	11
13	4		1883	.....	S.T. 04
13	4		1885	.....	13
13	4		1884	.....	S.T. 03
13	4		1887	.....	14
13	4		1886	.....	S.T. 04
13	4		1888	.....	15
13	4		1887	.....	S.T. 10
13	4		1889	.....	10
13	4		1888	.....	S.T. 10
13	4		1890	.....	10
13	4		1889	.....	S.T. 16
13	4		1891	.....	12
13	4		1890	.....	S.T. 14
13	4		1892	.....	17
13	4		1891	.....	S.T. 03
13	4		1894	.....	26
13	4		1893	.....	R.S.T. 10
13	4		1894	.....	S.T. 03
13	4		1886	.....	14
13	4		1885	.....	R.S.T. 03
13	4		1874	.....	10
13	4		1893	.....	19
13	4		1892	.....	R.S.T. 04
13	5		1875	.....	16
13	5		1874	.....	S.T. 03
13	5		1876	.....	10
13	5		1875	.....	S.T. 07
13	5		1877	.....	14
13	5		1876	.....	S.T. 03
13	5		1878	.....	08
13	5		1877	.....	S.T. 03
13	5		1879	.....	08
13	5		1878	.....	S.T. 03
13	5		1880	.....	07
13	5		1879	.....	S.T. 03
13	5		1881	.....	08
13	5		1880	.....	S.T. 03
13	5		1882	.....	08
13	5		1881	.....	S.T. 03
13	5		1883	.....	11
13	5		1882	.....	S.T. 03
13	5		1884	.....	11
13	5		1883	.....	S.T. 04
13	5		1885	.....	13
13	5		1884	.....	S.T. 03
13	5		1887	.....	14
13	5		1886	.....	S.T. 04
13	5		1888	.....	15
13	5		1887	.....	S.T. 10
13	5		1889	.....	10
13	5		1888	.....	S.T. 10
13	5		1890	.....	10
13	5		1889	.....	S.T. 16
13	5		1891	.....	12
13	5		1890	.....	S.T. 14
13	5		1892	.....	17
13	5		1891	.....	S.T. 03
13	5		1894	.....	26
13	5		1893	.....	R.S.T. 10
13	5		1894	.....	S.T. 03
13	5		1886	.....	14
13	5		1885	.....	R.S.T. 03
13	5		1874	.....	10
13	5		1893	.....	19
13	5		1892	.....	R.S.T. 04
13	6		1875	.....	16
13	6		1874	.....	S.T. 03
13	6		1876	.....	10
13	6		1875	.....	S.T. 07
13	6		1877	.....	14
13	6		1876	.....	S.T. 03
13	6		1878	.....	08
13	6		1877	.....	S.T. 03
13	6		1879	.....	08
13	6		1878	.....	S.T. 03
13	6		1880	.....	0

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
13	6	Pelham Park	1879	.....	S.T. 03
13	6		1881	.....	08
13	6		1880	.....	S.T. 03
13	6		1882	.....	08
13	6		1881	.....	S.T. 03
13	6		1883	.....	11
13	6		1882	.....	S.T. 03
13	6		1884	.....	11
13	6		1883	.....	S.T. 04
13	6		1885	.....	13
13	6		1884	.....	S.T. 03
13	6		1887	.....	14
13	6		1886	.....	S.T. 04
13	6		1888	.....	15
13	6		1887	.....	S.T. 10
13	6		1889	.....	10
13	6		1888	.....	S.T. 10
13	6		1890	.....	10
13	6		1889	.....	S.T. 16
13	6		1891	.....	12
13	6		1890	.....	S.T. 14
13	6		1892	.....	17
13	6		1891	.....	S.T. 03
13	6		1894	.....	26
13	6		1893	.....	R.S.T. 10
13	6		1894	.....	S.T. 03
13	6		1886	.....	14
13	6		1885	.....	R.S.T. 03
13	6		1874	.....	10
13	6		1893	.....	19
13	6		1892	.....	R.S.T. 04
13	7		1875	.....	16
13	7		1874	.....	S.T. 03
13	7		1876	.....	10
13	7		1875	.....	S.T. 07
13	7		1877	.....	14
13	7		1876	.....	S.T. 03
13	7		1878	.....	08
13	7		1877	.....	S.T. 03
13	7		1879	.....	08
13	7		1878	.....	S.T. 03
13	7		1880	.....	07
13	7		1879	.....	S.T. 03
13	7		1881	.....	08
13	7		1880	.....	S.T. 03
13	7		1882	.....	08
13	7		1881	.....	S.T. 03
13	7		1883	.....	11
13	7		1882	.....	S.T. 03
13	7		1884	.....	11
13	7		1883	.....	S.T. 04
13	7		1885	.....	13
13	7		1884	.....	S.T. 03
13	7		1887	.....	14
13	7		1886	.....	S.T. 04
13	7		1888	.....	15
13	7		1887	.....	S.T. 10
13	7		1889	.....	10
13	7		1888	.....	S.T. 10
13	7		1890	.....	10
13	7		1889	.....	S.T. 16
13	7		1891	.....	12
13	7		1890	.....	S.T. 14
13	7		1892	.....	17
13	7		1891	.....	S.T. 03
13	7		1894	.....	26
13	7		1893	.....	R.S.T. 10
13	7		1894	.....	S.T. 03
13	7		1886	.....	14
13	7		1885	.....	R.S.T. 03
13	7		1874	.....	10
13	7		1893	.....	19
13	7		1892	.....	R.S.T. 04
13	8		1875	.....	16
13	8		1874	.....	S.T. 03
13	8		1876	.....	10
13	8		1875	.....	S.T. 07
13	8		1877	.....	14
13	8		1876	.....	S.T. 03
13	8		1878	.....	08
13	8		1877	.....	S.T. 03
13	8		1879	.....	08
13	8		1878	.....	S.T. 03
13	8		1880	.....	07
13	8		1879	.....	S.T. 03
13	8		1881	.....	08
13	8		1880	.....	S.T. 03
13	8		1882	.....	08
13	8		1881	.....	S.T. 03
13	8		1883	.....	11
13	8		1882	.....	S.T. 03
13	8		1884	.....	11
13	8		1883	.....	S.T. 04
13	8		1885	.....	13
13	8		1884	.....	S.T. 03
13	8		1887	.....	14
13	8		1886	.....	S.T. 04
13	8		1888	.....	15
13	8		1887	.....	S.T. 10
13	8		1889	.....	10
13	8		1888	.....	S.T. 10
13	8		1890	.....	10
13	8		1889	.....	16
13	8		1891	.....	12
13	8		1890	.....	14
13	8		1892	.....	17
13	8		1891	.....	03
13	8		1894	.....	26
13	8		1893	.....	10
13	8		1894	.....	03
13	8		1886	.....	14
13	8		1885	.....	R.S.T. 03
13	8		1874	.....	10
13	8		1893	.....	19
13	8		1892	.....	R.S.T. 04
13	9		1875	.....	16
13	9		1874	.....	S.T. 03
13	9		1876	.....	10
13	9		1875	.....	S.T. 07
13	9		1877	.....	14
13	9	Pelham Park	1876	.....	S.T. 03
13	9		1878	.....	08
13	9		1877	.....	S.T. 03
13	9		1879	.....	08
13	9		1878	.....	S.T. 03
13	9		1880	.....	07
13	9		1879	.....	S.T. 03
13	9		1881	.....	08
13	9		1880	.....	S.T. 03
13	9		1882	.....	08
13	9		1881	.....	S.T. 03
13	9		1883	.....	11
13	9		1882	.....	S.T. 03
13	9		1884	.....	11
13	9		1883	.....	S.T. 04
13	9		1885	.....	13
13	9		1884	.....	S.T. 03
13	9		1887	.....	14
13	9		1886	.....	S.T. 04
13	9		1888	.....	15
13	9		1887	.....	S.T. 10
13	9		1889	.....	10
13	9		1888	.....	S.T. 10
13	9		1890	.....	10
13	9		1889	.....	S.T. 16
13	9		1891	.....	12
13	9		1890	.....	S.T. 14
13	9		1892	.....	17
13	9		1891	.....	S.T. 03
13	9		1894	.....	26
13	9		1893	.....	R.S.T. 10
13	9		1894	.....	S.T. 03
13	9		1886	.....	14
13	9		1885	.....	S.T. 03
13	9		1874	.....	10
13	9		1893	.....	19
13	9		1892	.....	R.S.T. 04
13	10		1875	.....	16
13	10		1874	.....	S.T. 03
13	10		1876	.....	10
13	10		1875	.....	S.T. 07
13	10		1877	.....	14
13	10		1876	.....	S.T. 03
13	10		1878	.....	08
13	10		1877	.....	S.T. 03
13	10		1879	.....	08
13	10		1878	.....	S.T. 03
13	10		1880	.....	07
13	10		1879	.....	S.T. 03
13	10		1881	.....	08
13	10		1880	.....	S.T. 03
13	10		1882	.....	08
13	10		1881	.....	S.T. 03
13	10		1883	.....	11
13	10		1882	.....	S.T. 03
13	10		1884	.....	11
13	10		1883	.....	S.T. 04
13	10		1885	.....	13
13	10		1884	.....	S.T. 03
13	10		1887	.....	14
13	10		1886	.....	S.T. 04
13	10		1888	.....	15
13	10		1887	.....	S.T. 10
13	10		1889	.....	10
13	10		1888	.....	S.T. 10
13	10		1890	.....	10
13	10		1889	.....	S.T. 16
13	10		1891	.....	12
13	10		1890	.....	S.T. 14
13	10		1892	.....	17
13	10		1891	.....	S.T. 03
13	10		1894	.....	26
13	10		1893	.....	R.S.T. 10
13	10		1894	.....	S.T. 03
13	10		1886	.....	14
13	10		1885	.....	R.S.T. 03
13	10		1874	.....	10
13	10		1893	.....	19
13	10		1892	.....	R.S.T. 04
13	11		1875	.....	16
13	11		1874	.....	S.T. 03
13	11		1876	.....	10
13	11		1875	.....	S.T. 07
13	11		1877	.....	14
13	11		1876	.....	S.T. 03
13	11		1878	.....	08
13	11		1877	.....	S.T. 03
13	11		1879	.....	08
13	11		1878	.....	S.T. 03
13	11		1880	.....	07
13	11		1879	.....	S.T. 03
13	11		1881	.....	08
13	11		1880	.....	S.T. 03
13	11		1882	.....	08
13	11		1881	.....	S.T. 03
13	11		1883	.....	11
13	11		1882	.....	S.T. 03
13	11		1884	.....	11
13	11		1883	.....	S.T. 04
13	11		1885	.....	13
13	11		1884	.....	S.T. 03
13	11		1887	.....	14
13	11		1886	.....	S.T. 04
13	11		1888	.....	15
13	11		1887	.....	S.T. 10
13	11		1889	.....	10
13	11		1888	.....	S.T. 10
13	11		1890	.....	10
13	11		1889	.....	S.T. 16
13	11		1891	.....	12
13	11		1890	.....	S.T. 14
13	11		1892	.....	17
13	11		1891	.....	S.T. 03
13	11		1894	.....	26
13	11		1893	.....	R.S.T. 10
13	11		1894	.....	S.T. 03
13	11		1886	.....	14
13	11		1885	.....	R.S.T. 03
13	11		1874	.....	10
13	11		1893	.....	19

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
13	11	Pelham Park	1892	.....	R.S.T. 04
13	12		1875	.....	16
13	12		1874	.....	S.T. 03
13	12		1876	.....	10
13	12		1875	.....	S.T. 07
13	12		1877	.....	14
13	12		1876	.....	S.T. 03
13	12		1878	.....	08
13	12		1877	.....	S.T. 03
13	12		1879	.....	08
13	12		1878	.....	S.T. 03
13	12		1880	.....	07
13	12		1879	.....	S.T. 03
13	12		1881	.....	08
13	12		1880	.....	S.T. 03
13	12		1882	.....	08
13	12		1881	.....	S.T. 03
13	12		1883	.....	11
13	12		1882	.....	S.T. 03
13	12		1884	.....	11
13	12		1883	.....	S.T. 04
13	12		1885	.....	13
13	12		1884	.....	S.T. 03
13	12		1887	.....	14
13	12		1876	.....	S.T. 04
13	12		1888	.....	15
13	12		1887	.....	S.T. 10
13	12		1889	.....	10
13	12		1888	.....	S.T. 10
13	12		1890	.....	10
13	12		1889	.....	S.T. 16
13	12		1891	.....	12
13	12		1890	.....	S.T. 14
13	12		1892	.....	17
13	12		1891	.....	S.T. 03
13	12		1894	.....	26
13	12		1893	.....	R.S.T. 10
13	12		1894	.....	S.T. 03
13	12		1886	.....	14
13	12		1885	.....	R.S.T. 03
13	12		1874	.....	10
13	12		1893	.....	19
13	12		1892	.....	R.S.T. 04
13	13	Pelham Park	1875	.....	16
13	13		1874	.....	S.T. 03
13	13		1876	.....	10
13	13		1875	.....	S.T. 07
13	13		1877	.....	14
13	13		1876	.....	S.T. 03
13	13		1878	.....	08
13	13		1877	.....	S.T. 03
13	13		1879	.....	08
13	13		1878	.....	S.T. 03
13	13		1880	.....	07
13	13		1879	.....	S.T. 03
13	13		1881	.....	08
13	13		1880	.....	S.T. 03
13	13		1882	.....	08
13	13		1881	.....	S.T. 03
13	13		1883	.....	11
13	13		1882	.....	S.T. 03
13	13		1884	.....	11
13	13		1883	.....	S.T. 04
13	13		1885	.....	13
13	13		1884	.....	S.T. 03
13	13		1887	.....	14
13	13		1886	.....	S.T. 04
13	13		1888	.....	15
13	13		1887	.....	S.T. 10
13	13		1889	.....	10
13	13		1888	.....	S.T. 10
13	13		1890	.....	10
13	13		1889	.....	S.T. 16
13	13		1891	.....	12
13	13		1890	.....	S.T. 14
13	13		1892	.....	17
13	13		1891	.....	S.T. 03
13	13		1894	.....	26
13	13		1893	.....	R.S.T. 10
13	13		1894	.....	S.T. 03
13	13		1886	.....	14
13	13		1885	.....	R.S.T. 03
13	13		1874	.....	10
13	13		1893	.....	19
13	13		1892	.....	R.S.T. 04
13	14		1875	.....	16
13	14		1874	.....	S.T. 03
13	14		1876	.....	10
13	14		1875	.....	S.T. 07
13	14		1877	.....	14
13	14		1876	.....	S.T. 03
13	14		1878	.....	08
13	14		1877	.....	S.T. 03
13	14		1879	.....	08
13	14		1878	.....	S.T. 03
13	14		1880	.....	07
13	14		1879	.....	S.T. 03
13	14		1881	.....	08
13	14		1880	.....	S.T. 03
13	14		1882	.....	08
13	14		1881	.....	S.T. 03
13	14		1883	.....	11
13	14		1882	.....	S.T. 03
13	14		1884	.....	11
13	14		1883	.....	S.T. 04
13	14		1885	.....	13
13	14		1884	.....	S.T. 03
13	14		1887	.....	14
13	14		1886	.....	S.T. 04
13	14		1888	.....	15
13	14		1887	.....	10
13	14		1889	.....	10
13	14		1888	.....	S.T. 10
13	14		1890	.....	10
13	14		1889	.....	S.T. 16
13	14		1891	.....	12
13	14		1890	.....	S.T. 14
13	14		1892	.....	17
13	14		1891	.....	S.T. 03
13	14		1894	.....	26

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
13	14	Pelham Park	1893	.....	10
13	14		1894	.....	S.T. 03
13	14		1886	.....	14
13	14		1885	.....	R.S.T. 03
13	14		1874	.....	10
13	14		1893	.....	19
13	14		1892	.....	R.S.T. 04
13	15		1875	.....	16
13	15		1874	.....	S.T. 03
13	15		1876	.....	10
13	15		1875	.....	S.T. 07
13	15		1877	.....	14
13	15		1876	.....	S.T. 03
13	15		1878	.....	08
13	15		1877	.....	S.T. 03
13	15		1879	.....	08
13	15		1878	.....	S.T. 03
13	15		1880	.....	07
13	15		1879	.....	S.T. 03
13	15		1881	.....	08
13	15		1880	.....	S.T. 03
13	15		1882	.....	08
13	15		1881	.....	S.T. 03
13	15		1883	.....	11
13	15		1882	.....	S.T. 03
13	15		1884	.....	11
13	15		1883	.....	S.T. 04
13	15		1885	.....	13
13	15		1884	.....	S.T. 03
13	15		1887	.....	14
13	15		1886	.....	S.T. 04
13	15		1888	.....	15
13	15		1887	.....	S.T. 10
13	15		1889	.....	10
13	15		1888	.....	S.T. 10
13	15		1890	.....	10
13	15		1889	.....	S.T. 16
13	15		1891	.....	12
13	15		1890	.....	S.T. 14
13	15		1892	.....	17
13	15		1891	.....	S.T. 03
13	15		1894	.....	26
13	15		1893	.....	R.S.T. 10
13	15		1894	.....	S.T. 03
13	15		1886	.....	14
13	15		1885	.....	R.S.T. 03
13	15		1874	.....	10
13	15		1893	.....	19
13	15		1892	.....	R.S.T. 04
13	16		1875	.....	16
13	16		1874	.....	S.T. 03
13	16		1876	.....	10
13	16		1875	.....	S.T. 04
13	16		1877	.....	14
13	16		1876	.....	S.T. 03
13	16		1878	.....	08
13	16		1877	.....	S.T. 03
13	16		1879	.....	08
13	16		1878	.....	S.T. 03
13	16		1880	.....	07
13	16		1879	.....	S.T. 03
13	16		1881	.....	08
13	16		1880	.....	S.T. 03
13	16		1882	.....	08
13	16		1881	.....	S.T. 03
13	16		1883	.....	11
13	16		1882	.....	S.T. 03
13	16		1884	.....	11
13	16		1883	.....	S.T. 04
13	16		1885	.....	13
13	16		1884	.....	S.T. 03
13	16		1887	.....	14
13	16		1886	.....	S.T. 04
13	16		1888	.....	15
13	16		1887	.....	S.T. 10
13	16		1889	.....	10
13	16		1888	.....	S.T. 10
13	16		1890	.....	10
13	16		1889	.....	S.T. 16
13	16		1891	.....	12
13	16		1890	.....	S.T. 14
13	21		1892	.....	17
13	16		1891	.....	S.T. 03
13	16		1894	.....	26
13	16		1893	.....	R.S.T. 10
13	16		1894	.....	S.T. 03
13	16		1886	.....	14
13	16		1885	.....	R.S.T. 03
13	16		1874	.....	10
13	16		1893	.....	19
13	16		1892	.....	R.S.T. 04
13	17		1875	.....	16
13	17		1874	.....	S.T. 03
13	17		1876	.....	10
13	17		1875	.....	S.T. 04
13	17		1877	.....	14
13	17		1876	.....	S.T. 03
13	17		1878	.....	08
13	17		1877	.....	S.T. 03
13	17		1879	.....	08
13	17		1878	.....	S.T. 03
13	17		1880	.....	07
13	17		1879	.....	S.T. 03
13	17		1881	.....	08
13	17		1880	.....	S.T. 03
13	17		1882	.....	08
13	17		1881	.....	S.T. 03
13	17		1883	.....	11
13	17		1882	.....	S.T. 03
13	17		1884	.....	11
13	17		1883	.....	S.T. 04
13	17		1885	.....	13
13	17		1884	.....	S.T. 03
13	17		1887	.....	14
13	17		1886	.....	S.T. 04
13	17		1888	.....	15
13	17		1887	.....	S.T. 10
13	17		1889	.....	10
13	17		1888	.....	S.T. 10
13	17		1890	.....	10
13	17		1889	.....	S.T. 16

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
13	17	Pelham Park	1891	.....	12
13	17		1890	.....	S.T. 04
13	17		1892	.....	17
13	17		1891	.....	S.T. 03
13	17		1894	.....	26
13	17		1893	.....	R.S.T. 10
13	17		1894	.....	S.T. 03
13	17		1886	.....	14
13	17		1885	.....	R.S.T. 03
13	17		1874	.....	10
13	17		1893	.....	19
13	17		1892	.....	R.S.T. 04
13	18		1875	.....	16
13	18		1874	.....	S.T. 03
13	18		1876	.....	10
13	18		1875	.....	S.T. 04
13	18		1877	.....	14
13	18		1876	.....	S.T. 03
13	18		1878	.....	08
13	18		1877	.....	03
13	18		1879	.....	08
13	18		1878	.....	S.T. 03
13	18		1880	.....	07
13	18		1879	.....	S.T. 03
13	18		1881	.....	08
13	18		1880	.....	S.T. 03
13	18		1882	.....	08
13	18		1881	.....	S.T. 03
13	18		1883	.....	11
13	18		1882	.....	S.T. 03
13	18		1884	.....	11
13	18		1883	.....	S.T. 04
13	18		1885	.....	13
13	18		1884	.....	S.T. 03
13	18		1887	.....	14
13	18		1886	.....	S.T. 04
13	18		1888	.....	15
13	18		1887	.....	S.T. 10
13	18		1889	.....	10
13	18		1888	.....	S.T. 10
13	18		1890	.....	10
13	18		1889	.....	S.T. 16
13	18		1891	.....	12
13	18		1890	.....	S.T. 14
13	18		1892	.....	17
13	18		1891	.....	S.T. 03
13	18		1894	.....	26
13	18		1893	.....	R.S.T. 10
13	18		1894	.....	S.T. 03
13	18		1886	.....	14
13	18		1885	.....	R.S.T. 03
13	18		1874	.....	10
13	18		1893	.....	19
13	18		1892	.....	R.S.T. 04
		Totals		$54,851 02	$26,828 34

Borough of Brooklyn.

Section 1.

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
4	35	Sewer box and pier foot of Gold st.	1902	$47 07	.....
4	35		1903	89 36	.....
4	35		1904	94 37	.....
4	35		1905	93 75	.....
4	35		1906	92 26	.....
4	35		1907	93 24	.....
4	35		1908	100 21	.....
4	35		1909	104 26	.....
4	35		1910	108 89	.....
4	35		1911	723 06	.....
5	8	Sewer box and pier foot of Gold st.	1902	47 07	.....
5	8		1903	44 68	.....
5	8		1904	47 18	.....
5	8		1905	46 87	.....
5	8		1906	46 13	.....
5	8		1907	46 62	.....
5	8		1908	50 10	.....
5	8		1909	52 13	.....
5	8		1910	54 44	.....
5	8		1911	136 89	.....
7	2	Manhattan Bridge	1902	1,028 49	.....
7	2		1903	1,027 72	.....
15	30	Ferry (land only)	1911	210 60	.....
15	30		1912	224 40	.....
16	17	Manhattan Bridge	1904	644 91	.....
16	17		1905	640 68	.....
16	17		1906	630 45	.....
16	17		1907	637 17	.....
16	17		1908	684 78	.....
16	17		1909	712 49	.....
16	17		1910	744 14	.....
16	17		1911	2,702 73	.....
16	18	Manhattan Bridge	1902	47 07	.....
16	18		1903	44 68	.....
16	18		1904	47 18	.....
16	18		1905	46 87	.....
16	18		1906	46 13	.....
16	18		1907	46 62	.....
16	18		1908	50 10	.....
16	18		1909	52 13	.....
16	18		1910	54 44	.....
16	18		1911	203 58	.....
16	18		1912	215 05	.....
17	10	Manhattan Bridge	1902	1,981 67	.....
17	10		1903	1,146 87	.....
25	1	Brooklyn Bridge	1910	1,697 01	.....
25	1		1911	1,640 94	.....
25	1		1912	1,748 45	.....
29	1	Manhattan Bridge	1903	948 62	.....
36	1	Bridge approach	1911	179 01	.....
39	1	Bridge approach	1903	2,681 01	.....
39	1		1904	2,831 32	.....
46	1	Bridge approach	1907	17 09	.....
46	1		1908	18 37	.....
46	1		1909	19 11	.....
52	29	Bridge approach	1905	100 90	.....
52	29		1906	61 66	.....
52	29		1907	62 12	.....
52	29		1908	66 81	.....
53	2	Manhattan Bridge	1906	49 20	.....
53	2		1907	49 73	.....
53	4	City property	1911	35 10	.....
53	4		1912	37 40	.....
52	Street	Flatbush Avenue Extension	1908	33 40	.....
52	Street		1908	364 10	.....
52	Street		1908	41 75	.....
52	Street		1905	78 13	.....
52	Street		1906	76 88	.....
52	Street		1907	77 70	.....
52	Street		1905	481 95	.....
52	Street		1906	335 22	.....
52	Street		1907	338 79	.....
52	Street		1905	63 17	.....
52	Street		1906	38 28	.....
52	Street		1907	38 89	.....
53	Street	Flatbush Avenue Extension	1908	125 26	.....
53	Street		1908	53 44	.....
53	Street		1908	41 75	.....
53	Street	In bed of street	1908	58 45	.....
53	Street		1908	50 10	.....
53	Street		1906	46 13	.....
53	Street		1907	46 62	.....
53	Street		1906	53 82	.....
53	Street		1907	54 39	.....
53	Street		1906	180 68	.....
53	Street		1907	182 61	.....
54	38	Public School 7	1901	83 59	.....
64	Street		1908	55 11	.....
64	Street		1908	28 39	.....
64	Street		1908	28 39	.....
64	Street		1908	38 41	.....
64	Street		1908	38 41	.....
64	Street		1908	60 12	.....
64	Street		1908	18 37	.....
64	Street		1908	18 37	.....
64	Street		1908	18 37	.....
64	Street		1908	18 37	.....
64	Street		1908	16 70	.....
64	Street		1907	63 72	.....
65	9	Manhattan Bridge	1908	20 04	.....
65	10	Manhattan Bridge	1908	20 04	.....
65	11	Manhattan Bridge	1908	20 04	.....
65	12	Manhattan Bridge	1908	20 04	.....
65	13	Manhattan Bridge	1908	20 04	.....
65	15	Manhattan Bridge	1908	21 71	.....
65	16	Manhattan Bridge	1908	21 71	.....
65	17	Manhattan Bridge	1908	30 06	.....
65	19	Manhattan Bridge	1908	150 31	.....
65	20	Manhattan Bridge	1908	50 10	.....
65	Street		1908	13 36	.....
65	Street		1908	18 37	.....
65	Street		1908	116 91	.....
65	Street		1908	28 39	.....
77	Street	Flatbush ave. extension	1908	33 40	.....
77	Street		1908	158 67	.....
77	Street		1908	75 15	.....
77	Street		1908	60 12	.....
77	Street		1908	68 48	.....
77	Street		1908	163 67	.....
77	Street		1908	100 21	.....
88	1	Bridge Plaza	1909	3,565 96	.....
88	1		1908	350 74	.....
88	1		1908	108 56	.....
88	1		1908	217 12	.....
88	1		1908	100 21	.....
88	1		1908	63 46	.....
88	1		1908	60 12	.....
88	1		1908	217 12	.....
88	1		1908	70 14	.....
88	1		1908	83 51	.....
88	1		1908	75 15	.....
88	1		1908	283 93	.....
88	1		1908	283 93	.....
88	1		1908	100 21	.....
88	1		1908	108 56	.....
88	1		1908	96 87	.....
88	1		1908	96 87	.....
88	1		1908	83 51	.....
88	1		1908	83 51	.....
88	1		1908	83 51	.....
88	1		1908	217 12	.....
88	1		1908	250 53	.....
88	1		1908	200 42	.....
88	1		1908	167 02	.....
88	1		1908	71 81	.....
88	1		1908	55 11	.....
88	1		1908	70 14	.....
88	1		1908	80 17	.....
88	1		1908	63 46	.....
88	1		1908	90 19	.....
88	1		1908	56 78	.....
88	1		1908	56 78	.....
88	1		1907	77 70	.....
88	1		1908	83 37	.....
88	1		1908	71 81	.....
88	1		1908	71 81	.....
88	1		1907	66 82	.....
88	1		1907	77 70	.....
88	1		1908	83 51	.....
88	1		1908	46 76	.....
88	1		1908	27 55	.....
88	1		1908	83 51	.....
88	1		1908	91 86	.....
97	1	Engine Company No. 106	1893	.....	122 16
98	1	Bridge Plaza	1908	200 42	.....
98	1		1909	4,068 18	.....
98	1		1908	96 87	.....
98	1		1908	71 81	.....
98	1		1908	86 85	.....
98	1		1908	80 17	.....
98	1		1908	80 17	.....
98	1		1908	90 19	.....
98	1		1908	133 61	.....
98	1		1908	71 81	.....
98	1		1908	63 46	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
98	1	Bridge Plaza	1908	150 31	.....
98	1		1908	150 31	.....
98	1		1908	71 81	.....
98	1		1908	63 46	.....
98	1		1908	66 80	.....
98	1		1906	55 35	.....
98	1		1907	55 94	.....
98	1		1908	60 12	.....
98	1		1908	71 81	.....
98	1		1908	66 80	.....
98	1		1908	55 11	.....
98	1		1908	71 81	.....
98	1		1907	116 55	.....
98	1		1908	2 30	.....
98	1		1908	233 82	.....
98	1		1908	108 56	.....
98	1		1908	136 92	.....
98	1		1908	135 28	.....
98	1		1908	384 14	.....
98	1		1908	901 91	.....
98	1		1908	60 12	.....
98	1		1908	71 81	.....
98	1		1908	71 81	.....
98	1		1908	70 14	.....
98	1		1908	50 10	.....
98	1		1908	91 86	.....
98	1		1908	75 15	.....
98	1		1908	103 55	.....
98	1		1908	73 48	.....
98	1		1908	60 12	.....
98	1		1908	75 15	.....
98	1		1908	10 02	.....
98	1		1908	50 10	.....
107	21	Manhattan Bridge	1910	21 77	.....
107	21		1909	1 73	.....
107	21		1910	1 81	.....
107	21		1911	189 54	.....
107	21		1912	201 96	.....
107	23	In Flatbush ave.	1907	209 80	.....
107	24		1907	46 62	.....
107	25		1907	87 02	.....
107	38		1907	85 47	.....
107	Street	Flatbush Ave. extension	1907	202 02	.....
107	Street		1907	13 98	.....
107	Street		1907	78 48	.....
107	Street		1907	191 15	.....
107	Street		1907	208 25	.....
107	Street		1907	73 04	.....
16	17	Manhattan Bridge	1904	644 91	.....
16	17		1905	640 68	.....
16	17		1906	630 45	.....
16	17		1907	637 17	.....
16	17		1908	684 78	.....
16	17		1909	712 49	.....
16	17		1910	744 14	.....
16	17		1911	2,702 73	.....
116	27, now 23	Public School 1	1906	49 20	.....
118	21	In Flatbush ave.	1907	116 55	.....
118	22		1907	90 13	.....
118	23		1907	90 13	.....
118	24		1907	90 13	.....
118	25		1907	139 86	.....
118	19		1907	52 83	.....
119	1	Public Park	1904	440 42	.....
119	1		1904	51 90	.....
119	1		1904	51 90	.....
119	1		1904	73 92	.....
119	1		1904	188 75	.....
119	1		1904	62 91	.....
119	1		1904	15 72	.....
119	1		1904	15 72	.....
119	1		1904	15 72	.....
119	1		1904	15 72	.....
119	1		1904	14 15	.....
119	1		1904	14 15	.....
119	1		1904	14 15	.....
119	1		1904	14 15	.....
119	1		1904	22 02	.....
119	1		1904	23 59	.....
119	1		1904	15 72	.....
119	1		1904	15 72	.....
119	1		1904	15 72	.....
119	1		1904	15 72	.....
119	1		1904	17 30	.....
119	1		1904	17 30	.....
119	1		1904	17 30	.....
119	1		1904	17 30	.....
119	1		1904	66 06	.....
119	1		1904	97 52	.....
119	1		1904	122 69	.....
119	1		1904	78 64	.....
119	1		1904	78 64	.....
119	1		1904	53 48	.....
119	1		1904	53 48	.....
119	1		1904	62 91	.....
119	1		1904	220 21	.....
119	1		1904	81 79	.....
119	1		1904	62 91	.....
119	1		1904	173 02	.....
119	1		1904	47 18	.....
119	1		1904	47 18	.....
119	1		1904	62 91	.....
119	1		1904	55 05	.....
119	1		1904	37 75	.....
119	1		1904	83 36	.....
119	1		1904	62 91	.....
119	1		1904	22 02	.....
119	1		1904	44 04	.....
119	1		1904	55 05	.....
119	1		1904	69 21	.....
119	1		1904	55 05	.....
119	1		1904	9 43	.....
119	1		1904	39 32	.....
119	1		1904	31 45	.....
119	1		1904	22 02	.....
119	1		1904	22 02	.....
119	1		1904	19 66	.....
119	1		1904	19 66	.....
119	1		1904	19 66	.....
119	1		1904	19 66	.....
119	1		1904	22 02	.....
119	1		1904	22 02	.....
119	1		1904	22 02	.....
119	1		1904	19 66	.....
119	1		1904	19 66	.....
119	1		1904	19 66	.....
119	1		1904	19 66	.....
119	City of N.Y.	Flatbush Ave. extension	1907	85 47	.....
119	City of N.Y.		1907	45 07	.....
120	34	Public Bath	1904	40 89	.....
120	34		1905	546 92	.....
120	34		1904	40 89	.....
120	34		1904	62 91	.....
120	55	Flatbush ave. extension	1907	32 63	.....
120	56		1907	54 39	.....
120	57		1907	62 16	.....
120	street		1907	432 79	.....
120	street		1907	85 47	.....
120	street		1907	113 44	.....
120	street		1907	101 01	.....
120	street		1907	13 98	.....
120	street		1907	20 20	.....
120	street		1907	6 21	.....
131	6	Public School 6	1906	1,193 14	.....
132	19	In Flatbush ave.	1907	51 28	.....
132	20		1907	77 70	.....
132	street		1907	37 92	.....
132	street		1907	73 04	.....
132	street		1907	80 81	.....
132	street		1905	23 44	.....
132	street		1906	23 06	.....
132	street		1907	23 31	.....
132	street		1907	17 09	.....
133	street	Flatbush ave. extension	1907	781 70	.....
168	1	Board of Water Supply	1911	1,377 69	.....
191	16	Public school	1903	744 71	.....
199	1	Ferry (Fulton st.)	1911	64 93	.....
208	22	Park, foot of Middaugh st.	1911	43 87	.....
208	22		1912	46 75	.....
211	1	Public School 8	1903	957 66	.....
211	1		1904	1,003 47	.....
211	15	Police Department	1910	45 37	.....
211	15		1910	39 92	.....
211	15		1910	38 11	.....
211	15		1910	39 92	.....
211	15		1910	38 11	.....
211	15		1910	38 11	.....
213	12	Park, foot of Middaugh st.	1911	35 10	.....
213	12		1912	37 40	.....
213	22	Park, foot of Cranberry st.	1911	78 97	.....
213	22		1912	84 15	.....
218	12		1911	78 97	.....
218	12		1912	84 15	.....
244	30	Stables	1912	561 00	.....
244	31	Public Library	1903	521 30	.....
244	31		1911	810 81	.....
252	1	Pumping station, Furman st.	1905	400 00	.....
252	1		1906	226 01	.....
257	48	Ferry land	1910	163 34	.....
257	48		1911	157 95	.....
257	48		1912	168 30	.....
266	35	Park, Joralemon st.	1911	358 02	.....
		Section 2.			
281	50	Ferry land	1910	121 60	.....
281	50		1911	117 58	.....
281	50		1912	125 29	.....
289	1	Police station 148	1889	.....	39 21
289	1		1889	.....	36 19
289	1		1889	.....	36 19
289	1		1889	.....	24 13
289	1		1889	.....	24 13
289	1		1889	.....	30 16
289	1		1889	.....	30 16
289	1		1889	.....	54 28
289	1		1890	.....	34 21
289	1		1890	.....	31 58
289	1		1890	.....	31 58
289	1		1890	.....	21 05
289	1		1890	.....	21 05
289	1		1890	.....	26 31
289	1		1890	.....	26 31
289	1		1890	.....	47 36
294	7	Public School 29	1903	29 78	.....
294	7		1904	34 60	.....
294	7		1905	34 37	.....
294	7		1906	33 82	.....
294	7		1907	34 18	.....
294	7	Public School 29	1908	36 74	.....
294	7		1909	38 23	.....
294	7		1910	39 92	.....
294	7		1911	175 50	.....
294	7		1912	187 00	.....
320	56	Public Bath	1902	16 47	.....
320	56		1902	28 24	.....
337	27	Public School 46	1895	.....	111 94
338	33	Library, Clinton st.	1903	263 62	.....
369	23	Public School 142	1901	21 49	.....
369	23		1901	21 49	.....
369	23		1901	21 49	.....
369	23		1901	21 49	.....
369	23		1901	167 19	.....
397	11	Public School 6	1905	398 43	.....
402	68	Police Department, 21-23 Butler st.	1889	.....	36 24
402	68		1890	.....	31 62
411	14	Repair Yard and Flushing Plant, Butler st.	1890	.....	92 24
411	14		1891	.....	92 01
411	14		1892	.....	99 61
411	14		1893	.....	102 16
411	14		1894	.....	93 96
411	14		1895	.....	98 03
411	14		1896	.....	96 18
411	14		1897	.....	100 14
411	14		1899	82 74	.....
411	14		1900	81 23	.....
411	14		1901	83 59	.....
411	14		1902	82 37	.....
452	19	Repair Yard, Gowanus Canal	1888	.....	41 85
452	19		1889	.....	45 30
525	15	School, Nelson st.	1901	62 09	.....
532	1	Park, William st.	1892	.....	395 14

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
532	1	Park, William st.	1892	.....	338 36
547	1	Park, Richard st.	1906	21 52	.....
547	1		1907	21 75	.....
547	1		1906	16 14	.....
547	1		1907	16 31

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1102	12	14th Regiment Armory	1890	.....	34 15
1102	12		1890	.....	394 01
1102	12		1893	.....	14 54
1102	12		1893	.....	5 81
1102	12		1893	.....	5 81
1102	12		1893	.....	5 81
1102	12		1892	.....	8 51
1102	12		1893	.....	8 72
1102	12		1892	.....	8 51
1102	12		1893	.....	8 72
1102	12		1892	.....	11 35
1102	12		1893	.....	11 63
1102	12		1893	.....	5 81
1102	12		1893	.....	7 27
1102	12		1893	.....	7 27
1102	12		1892	.....	11 35
1102	12		1893	.....	11 63
1102	12		1893	.....	17 44
1102	12		1894	.....	16 08
1102	12		1895	.....	16 78
1102	12		1896	.....	16 47
1102	12		1893	.....	7 27
1102	12		1895	.....	6 99
1102	12		1893	.....	7 27
1102	12		1895	.....	6 99
1102	12		1893	.....	7 27
1102	12		1895	.....	6 99
1148	50	Public School 42	1905	28 12	.....
1148	50		1905	25 00	.....
1148	50		1905	42 19	.....
1160	1	Pumping station, Underhill ave	1889	.....	31 74
1160	1		1890	.....	27 69
1160	1		1890	.....	14 51
1160	1		1889	.....	16 63
1160	1		1890	.....	14 51
1160	1		1889	.....	16 63
1160	1		1890	.....	14 51
1160	1		1889	.....	16 63
1160	1		1890	.....	14 51
1160	1		1889	.....	13 60
1160	1		1890	.....	11 87
1160	1		1889	.....	15 12
1160	1		1890	.....	13 19
1160	1		1889	.....	15 12
1160	1		1890	.....	13 19
1160	26	Public place, Prospect pl	1899	16 19	.....
1160	26		1900	15 90	.....
1160	26		1901	21 85	.....
1165	1	Public School 111	1892	.....	51 23
1165	1		1895	.....	27 97
1169	9	Police Headquarters "Site"	1906	73 80	.....
1169	9		1907	74 59	.....
1169	9		1906	61 50	.....
1169	9		1907	62 16	.....
1169	9		1890	.....	47 47
1169	9		1891	.....	47 35
1169	9		1892	.....	51 23
1169	9		1893	.....	52 36
1169	9		1894	.....	48 26
1169	9		1895	.....	50 35
1169	9		1896	.....	49 36
1169	9		1897	.....	51 50
1169	9		1899	42 55	.....
1169	9		1900	41 78	.....
1169	9		1901	52 54	.....
1169	9		1906	53 81	.....
1169	9		1907	54 39	.....
1169	9		1890	.....	97 59
1169	9		1891	.....	97 33
1169	9		1892	.....	105 31
1169	9		1893	.....	107 63
1169	9		1894	.....	99 21
1169	9		1895	.....	103 51
1169	9		1896	.....	101 68
1169	9		1897	.....	105 86
1169	9		1899	87 47	.....
1169	9		1900	85 88	.....
1169	9		1901	95 54	.....
1169	9		1906	99 44	.....
1169	9		1907	101 01	.....
1169	9		1906	27 67	.....
1169	9		1907	27 97	.....
1171	29	Park, Butler pl	1899	18 91	.....
1171	29		1900	18 56	.....
1171	29		1901	19 10	.....
1171	29		1899	19 15	.....
1171	29		1900	18 80	.....
1171	29		1901	19 34	.....
1171	31		1899	19 38	.....
1171	31		1900	19 03	.....
1171	31		1901	19 58	.....
1171	31		1899	19 62	.....
1171	31		1900	19 26	.....
1171	31		1901	19 82	.....
1171	31		1899	19 85	.....
1171	31		1900	19 49	.....
1171	31		1901	20 06	.....
1171	31		1882	.....	9 60
1171	31		1883	.....	10 68
1171	31		1884	.....	10 80
1171	31		1885	.....	11 90
1171	31		1886	.....	10 92
1171	31		1887	.....	11 31
1171	31		1888	.....	11 17
1171	31		1889	.....	12 09
1171	31		1890	.....	10 55
1171	31		1891	.....	10 52
1171	31		1892	.....	24 19
1171	31		1893	.....	24 73
1171	31		1894	.....	22 79
1171	31		1895	.....	23 78
1171	31		1896	.....	23 36
1171	31		1897	.....	24 32
1171	31		1899	20 09	.....
1171	31		1900	19 72	.....
1171	31		1901	20 30	.....
1171	31		1882	.....	9 60
1171	31		1883	.....	10 68
1171	31		1884	.....	10 80
1171	31		1885	.....	11 90
1171	31	Park, Butler pl	1886	.....	10 92
1171	31		1887	.....	11 31
1171	31		1888	.....	11 17
1171	31		1889	.....	12 09
1171	31		1890	.....	10 55
1171	31		1891	.....	10 52
1171	31		1892	.....	24 48
1171	31		1893	.....	25 02
1171	31		1894	.....	23 06
1171	31		1895	.....	24 06
1171	31		1896	.....	23 63
1171	31		1897	.....	24 61
1171	31		1899	20 33	.....
1171	31		1900	19 96	.....
1171	31		1901	20 54	.....
1171	31		1882	.....	9 60
1171	31		1883	.....	10 68
1171	31		1884	.....	10 80
1171	31		1885	.....	11 90
1171	31		1886	.....	10 92
1171	31		1887	.....	11 31
1171	31		1888	.....	11 17
1171	31		1889	.....	12 09
1171	31		1890	.....	10 55
1171	31		1891	.....	10 52
1171	31		1892	.....	24 76
1171	31		1893	.....	25 31
1171	31		1894	.....	23 33
1171	31		1895	.....	24 34
1171	31		1896	.....	23 91
1171	31		1897	.....	24 89
1171	31		1899	20 56	.....
1171	31		1900	20 19	.....
1171	31		1901	20 78	.....
1171	31		1882	.....	9 60
1171	31		1883	.....	10 68
1171	31		1884	.....	10 80
1171	31		1885	.....	11 90
1171	31		1886	.....	10 92
1171	31		1887	.....	11 31
1171	31		1888	.....	11 17
1171	31		1889	.....	12 09
1171	31		1890	.....	10 55
1171	31		1891	.....	10 52
1171	31		1892	.....	25 05
1171	31		1893	.....	25 60
1171	31		1894	.....	23 59
1171	31		1895	.....	24 62
1171	31		1896	.....	24 18
1171	31		1897	.....	25 18
1171	31		1899	20 88	.....
1171	31		1900	20 42	.....
1171	31		1901	21 01	.....
1172	10	Vacant, St. John's pl	1882	.....	36 00
1172	10		1883	.....	40 05
1172	10		1884	.....	40 50
1172	10		1885	.....	44 63
1172	10		1886	.....	40 93
1172	10		1887	.....	42 43
1172	10		1888	.....	41 90
1172	10		1889	.....	45 35
1172	10		1890	.....	39 56
1172	10		1891	.....	39 46
1172	10		1892	.....	82 54
1172	10		1893	.....	84 36
1172	10		1894	.....	77 76
1172	10		1895	.....	81 13
1172	10		1896	.....	79 69
1172	10		1897	.....	82 97
1172	10		1899	68 56	.....
1172	10		1900	67 31	.....
1172	10		1901	90 76	.....
1172	10		1902	152 97	.....
1172	10		1903	134 05	.....
1172	10		1904	133 70	.....
1179	27	Park, De Graw st	1882	.....	12 00
1179	27		1883	.....	13 35
1179	27		1884	.....	13 50
1179	27		1885	.....	14 88
1179	27		1886	.....	13 64
1179	27		1887	.....	14 14
1179	27		1888	.....	13 97
1179	27		1889	.....	15 12
1179	27		1890	.....	13 19
1179	27		1891	.....	13 15
1179	27		1892	.....	14 23
1179	27		1893	.....	14 54
1179	27		1894	.....	13 41
1179	27		1895	.....	13 99
1179	27		1896	.....	13 74
1179	27		1897	.....	14 31
1179	27		1899	11 82	.....
1179	27		1900	11 60	.....
1179	27		1901	14 33	.....
1179	27		1882	.....	12 00
1179	27		1883	.....	13 35
1179	27		1884	.....	13 50
1179	27		1885	.....	14 88
1179	27		1886	.....	13 64
1179	27		1887	.....	14 14
1179	27		1888	.....	13 97
1179	27		1889	.....	15 12
1179	27		1890	.....	13 19
1179	27		1891	.....	13 15
1179	27		1892	.....	14 23
1179	27		1893	.....	14 54
1179	27		1894	.....	13 41
1179	27		1895	.....	13 99
1179	27		1896	.....	13 74
1179	27		1897	.....	14 31
1179	27		1899	11 82	.....
1179	27		1900	11 60	.....
1179	27		1901	16 71	.....
1179	27		1882	.....	12 00
1179	27		1883	.....	13 35
1179	27		1884	.....	13 50
1179	27		1885	.....	14 88
1179	27		1886	.....	13 64
1179	27		1887	.....	14 14
1179	27		1888	.....	13 97

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1179	27	Park, De Graw st.	1889	.....	15 12
1179	27		1890	.....	13 19
1179	27		1891	.....	13 15
1179	27		1892	.....	14 23
1179	27		1893	.....	14 54
1179	27		1894	.....	13 41
1179	27		1895	.....	13 99
1179	27		1896	.....	13 74
1179	27		1897	.....	14 31
1179	27		1899	11 82	.....
1179	27		1900	11 60	.....
1179	27		1901	16 71	.....
1179	27		1882	.....	12 00
1179	27		1883	.....	13 35
1179	27		1884	.....	13 50
1179	27		1885	.....	14 88
1179	27		1886	.....	13 64
1179	27		1887	.....	14 14
1179	27		1888	.....	13 97
1179	27		1889	.....	15 12
1179	27		1890	.....	13 19
1179	27		1891	.....	13 15
1179	27		1892	.....	14 23
1179	27		1893	.....	14 54
1179	27		1894	.....	13 41
1179	27		1895	.....	13 99
1179	27		1896	.....	13 74
1179	27		1897	.....	14 31
1179	27		1899	11 82	.....
1179	27		1900	11 60	.....
1179	27		1901	16 71	.....
1179	27		1882	.....	32 40
1179	27		1883	.....	36 04
1179	27		1884	.....	36 45
1179	27	Park, Degraw st.	1885	.....	40 17
1179	27		1886	.....	36 83
1179	27		1887	.....	38 19
1179	27		1888	.....	37 71
1179	27		1889	.....	40 81
1179	27		1890	.....	35 61
1179	27		1891	.....	35 51
1179	27		1892	.....	65 46
1179	27		1893	.....	66 91
1179	27		1894	.....	61 67
1179	27		1895	.....	64 34
1179	27		1896	.....	63 20
1179	27		1897	.....	65 81
1179	27		1899	54 37	.....
1179	27		1900	53 38	.....
1179	27		1901	68 31	.....
1179	27		1882	.....	32 40
1179	27		1883	.....	36 04
1179	27		1884	.....	36 45
1179	27		1885	.....	40 17
1179	27		1886	.....	36 83
1179	27		1887	.....	38 19
1179	27		1888	.....	37 71
1179	27		1889	.....	40 81
1179	27		1890	.....	35 61
1179	27		1891	.....	35 51
1179	27		1892	.....	65 18
1179	27		1893	.....	66 62
1179	27		1894	.....	61 40
1179	27		1895	.....	64 06
1179	27		1896	.....	62 93
1179	27		1897	.....	65 51
1179	27		1899	54 14	.....
1179	27		1900	53 15	.....
1179	27		1901	68 07	.....
1179	27		1882	.....	32 40
1179	27		1883	.....	36 04
1179	27		1884	.....	36 45
1179	27		1885	.....	40 17
1179	27		1886	.....	36 83
1179	27		1887	.....	38 19
1179	27		1888	.....	37 71
1179	27		1889	.....	40 81
1179	27		1890	.....	35 61
1179	27		1891	.....	35 51
1179	27		1892	.....	64 90
1179	27		1893	.....	66 32
1179	27		1894	.....	61 13
1179	27		1895	.....	63 78
1179	27		1896	.....	62 66
1179	27		1897	.....	65 23
1179	27		1899	53 90	.....
1179	27		1900	52 92	.....
1179	27		1901	67 83	.....
1179	27		1882	.....	32 40
1179	27		1883	.....	36 04
1179	27		1884	.....	36 45
1179	27		1885	.....	40 17
1179	27		1886	.....	36 83
1179	27		1887	.....	38 19
1179	27		1888	.....	37 71
1179	27		1889	.....	40 81
1179	27		1890	.....	35 61
1179	27		1891	.....	35 51
1179	27		1892	.....	64 61
1179	27		1893	.....	66 03
1179	27		1894	.....	60 86
1179	27		1895	.....	63 50
1179	27		1896	.....	62 38
1179	27		1897	.....	64 94
1179	27		1899	53 66	.....
1179	27		1900	52 68	.....
1179	27		1901	67 59	.....
1179	85	East Side Park Lands	1882	.....	42 00
1179	85		1883	.....	46 72
1179	85		1884	.....	47 25
1179	85		1885	.....	52 07
1179	85		1886	.....	47 75
1179	85		1887	.....	49 50
1179	85		1888	.....	48 89
1179	85		1889	.....	52 90
1179	85		1890	.....	46 15
1179	85		1891	.....	46 03
1179	85		1892	.....	62 62
1179	85		1893	.....	64 00
1179	85		1894	.....	58 99

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1179	85	East Side Park Lands	1895	.....	61 54
1179	85		1896	.....	60 46
1179	85		1897	.....	62 94
1179	85		1899	52 01	.....
1179	85		1900	51 06	.....
1179	85		1901	65 68	.....
1179	85		1882	.....	42 00
1179	85		1883	.....	46 72
1179	85		1884	.....	47 25
1179	85		1885	.....	52 07
1179	85		1886	.....	47 75
1179	85		1887	.....	49 50
1179	85		1888	.....	48 89
1179	85		1889	.....	52 90
1179	85		1890	.....	46 15
1179	85		1891	.....	46 03
1179	85		1892	.....	62 62
1179	85		1893	.....	64 00
1179	85		1894	.....	58 99
1179	85		1895	.....	61 54
1179	85		1896	.....	60 46
1179	85		1897	.....	62 94
1179	85		1899	52 01	.....
1179	85		1900	51 06	.....
1179	85		1901	65 68	.....
1179	85		1882	.....	42 00
1179	85		1883	.....	46 72
1179	85		1884	.....	47 25
1179	85		1885	.....	52 07
1179	85		1886	.....	47 75
1179	85		1887	.....	49 50
1179	85		1888	.....	48 89
1179	85		1889	.....	52 90
1179	85		1890	.....	46 15
1179	85		1891	.....	46 03
1179	85		1892	.....	62 62
1179	85		1893	.....	64 00
1179	85		1894	.....	58 99
1179	85		1895	.....	61 54
1179	85		1896	.....	60 46
1179	85		1897	.....	62 94
1179	85		1899	52 01	.....
1179	85		1900	51 06	.....
1179	85		1901	65 68	.....
1179	85		1902	470 71	.....
1179	85		1903	417 03	.....
1179	85		1904	402 67	.....
1179	85		1905	406 28	.....
1179	85		1906	307 53	.....
1179	85		1907	310 81	.....
1179	85		1908	334 04	.....
1179	85		1909	347 56	.....
1179	85		1910	362 99	.....
1179	85		1911	526 50	.....
1179	85		1912	551 65	.....
1179	11		1882	.....	12 00
1179	11		1883	.....	13 35
1179	11		1884	.....	13 50
1179	11		1885	.....	14 88
1179	11		1886	.....	13 64
1179	11		1887	.....	14 14
1179	11		1888	.....	13 97
1179	11		1889	.....	15 12
1179	11		1890	.....	13 19
1179	11		1891	.....	13 15
1179	11		1892	.....	14 23
1179	11		1893	.....	14 54
1179	11		1894	.....	13 41
1179	11		1895	.....	13 99
1179	11		1896	.....	13 74
1179	11		1897	.....	14 31
1179	11		1899	11 82	.....
1179	11		1900	11 60	.....
1179	11		1901	16 71	.....
1179	11		1882	.....	12 00
1179	11		1883	.....	13 35
1179	11		1884	.....	13 50
1179	11		1885	.....	14 88
1179	11		1886	.....	13 64
1179	11		1887	.....	14 14
1179	11		1888	.....	13 97
1179	11		1889	.....	15 12
1179	11		1890	.....	13 19
1179	11		1891	.....	13 15
1179	11		1892	.....	14 23
1179	11		1893	.....	14 54
1179	11		1894	.....	13 41
1179	11		1895	.....	13 99
1179	11		1896	.....	13 74
1179	11		1897	.....	14 31
1179	11		1899	11 82	.....
1179	11		1900	11 60	.....
1179	11		1901	16 71	.....
1179	11		1882	.....	12 00
1179	11		1883	.....	13 35
1179	11		1884	.....	13 50
1179	11		1885	.....	14 88
1179	11		1886	.....	13 64
1179	11		1887	.....	14 14
1179	11		1888	.....	13 97
1179	11		1889	.....	15 12

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1179	11	East Side Park Lands	1890	.....	13 19
1179	11		1891	.....	13 15
1179	11		1892	.....	14 23
1179	11		1893	.....	14 54
1179	11		1894	.....	13 41
1179	11		1895	.....	13 99
1179	11		1896	.....	13 74
1179	11		1897	.....	14 31
1179	11		1899	11 82	.....
1179	11		1900	11 60	.....
1179	11		1901	16 71	.....
1179	11		1882	.....	12 00
1179	11		1883	.....	13 35
1179	11		1884	.....	13 50
1179	11		1885	.....	14 88
1179	11		1886	.....	13 64
1179	11		1887	.....	14 14
1179	11		1888	.....	13 97
1197	11		1889	.....	15 12
1179	11		1890	.....	13 19
1179	11		1891	.....	13 15
1179	11		1892	.....	14 23
1179	11		1893	.....	14 54
1179	11		1894	.....	13 41
1179	11		1895	.....	13 99
1179	11	East Side Park lands	1896	.....	13 74
1179	11		1897	.....	14 31
1179	11		1899	11 82	.....
1179	11		1900	11 60	.....
1179	11		1901	16 71	.....
1179	11		1903	62 55	.....
1179	11		1904	62 91	.....
1179	11		1905	62 50	.....
1179	11		1906	92 26	.....
1179	11		1907	93 24	.....
1179	11		1908	100 21	.....
1179	11		1909	104 26	.....
1179	11		1910	108 89	.....
1179	11		1911	126 36	.....
1179	11		1912	134 64	.....
1179	97		1882	.....	12 00
1179	97		1883	.....	13 35
1179	97		1884	.....	13 50
1179	97		1885	.....	14 88
1179	97		1886	.....	13 64
1179	97		1887	.....	14 14
1179	97		1888	.....	13 97
1179	97		1889	.....	15 12
1179	97		1890	.....	13 19
1179	97		1891	.....	13 15
1179	97		1892	.....	14 23
1179	97		1893	.....	14 54
1179	97		1894	.....	13 41
1179	97		1895	.....	13 99
1179	97		1896	.....	13 74
1179	97		1897	.....	14 31
1179	97		1899	11 82	.....
1179	97		1900	11 60	.....
1179	97		1901	16 71	.....
1179	105		1882	.....	18 00
1179	105		1883	.....	20 02
1179	105		1884	.....	20 25
1179	105		1885	.....	22 32
1179	105		1886	.....	20 47
1179	105		1887	.....	21 21
1179	105		1888	.....	20 95
1179	105		1889	.....	22 67
1179	105		1890	.....	19 78
1179	105		1891	.....	19 73
1179	105		1892	.....	35 58
1179	105		1893	.....	36 36
1179	105		1894	.....	33 51
1179	105		1895	.....	34 97
1179	105		1896	.....	34 35
1179	105		1897	.....	35 76
1179	105		1899	29 55	.....
1179	105		1900	29 01	.....
1179	105		1901	35 82	.....
1179	105		1882	.....	18 00
1179	105		1883	.....	20 02
1179	105		1884	.....	20 25
1179	105		1885	.....	22 32
1179	105		1886	.....	20 47
1179	105		1887	.....	21 21
1179	105		1888	.....	20 95
1179	105		1889	.....	22 67
1179	105		1890	.....	19 78
1179	105		1891	.....	19 73
1179	105		1892	.....	35 58
1179	105		1893	.....	36 36
1179	105		1894	.....	33 51
1179	105		1895	.....	34 97
1179	105		1896	.....	34 35
1179	105		1897	.....	35 76
1179	105		1899	29 55	.....
1179	105		1900	29 01	.....
1179	105		1901	35 82	.....
1179	105		1902	70 61	.....
1179	105		1903	67 03	.....
1179	105		1904	70 78	.....
1179	105		1905	85 94	.....
1179	105	East Side Park Lands	1906	79 95	.....
1179	105		1907	80 81	.....
1179	105		1908	96 87	.....
1179	105		1909	100 79	.....
1179	105		1910	105 26	.....
1179	105		1911	193 05	.....
1179	105		1912	105 70	.....
1179	120		1882	.....	61 21
1179	120		1883	.....	68 08
1179	120		1884	.....	68 86
1179	120		1885	.....	75 87
1179	120		1886	.....	69 58
1179	120		1887	.....	72 13
1179	120		1888	.....	71 24
1179	120		1889	.....	77 09
1179	120		1890	.....	67 26
1179	120		1891	.....	67 08
1179	120		1892	.....	68 31
1179	120		1893	.....	69 82
1179	120		1894	.....	64 35
1179	120		1895	.....	67 14
1179	120		1896	.....	65 95
1179	120		1897	.....	68 67
1179	120		1899	56 74	.....
1179	120		1900	55 70	.....
1179	120		1901	71 65	.....
1179	120		1902	117 68	.....
1179	120		1903	104 26	.....
1179	120		1904	99 09	.....
1179	120		1905	93 75	.....
1179	120	East Side park lands	1906	87 64	.....
1179	120		1907	88 58	.....
1179	120		1908	95 20	.....
1179	120		1909	99 05	.....
1179	120		1910	103 45	.....
1179	120		1911	162 33	.....
1179	120		1912	144 92	.....
1179	121		1882	.....	61 21
1179	121		1883	.....	68 08
1179	121		1884	.....	68 86
1179	121		1885	.....	75 87
1179	121		1886	.....	69 58
1179	121		1887	.....	72 13
1179	121		1888	.....	71 24
1179	121		1889	.....	77 09
1179	121		1890	.....	67 26
1179	121		1891	.....	67 08
1179	121		1892	.....	69 16
1179	121		1893	.....	70 69
1179	121		1894	.....	65 15
1179	121		1895	.....	67 98
1179	121		1896	.....	66 78
1179	121		1897	.....	69 53
1179	121		1899	57 45	.....
1179	121		1900	56 40	.....
1179	121		1901	71 41	.....
1184	1	Park, Washington ave	1906	169 14	.....
1184	1		1907	213 68	.....
1186	1		1906	84 57	.....
1186	1		1907	108 78	.....
1191	1		1904	125 83	.....
1193	1		1904	220 21	.....
1193	1		1904	393 24	.....
1195	1	Park, Flatbush ave	1904	6 29	.....
1195	1		1904	629 18	.....
1195	1		1904	629 18	.....
1195	1		1904	62 91	.....
1195	1		1904	3 14	.....
1195	51	Park, Washington ave	1904	17 30	.....
1195	51		1904	14 15	.....
1195	51		1904	12 58	.....
1195	51		1904	31 45	.....
1195	51		1904	50 33	.....
1195	51		1904	39 32	.....
1195	51		1902	2 35	.....
1195	51		1903	2 97	.....
1195	51		1904	3 14	.....
		Section 5.			
1216	46	School, Albany ave	1902	654 31	.....
1233	26	School, Prospect pl	1900	311 00	.....
1233	26		1901	320 65	.....
1263	Street	In bed of street	1908	20 75	.....
1274	1	Armory, Bedford ave	1903	358 20	.....
1274	1		1903	1 48	.....
1274	1		1903	4 45	.....
1274	1		1905	39 06	.....
1331	61	(In New York ave.)	1903	5 95	.....
1331	61		1904	6 29	.....
1331	61		1905	6 25	.....
1331	2		1899	2 60	.....
1331	2		1900	2 55	.....
1331	2		1901	2 62	.....
1331	2		1902	2 58	.....
1331	2		1895	.....	3 44
1331	2		1894	.....	1 22
1331	2		1896	.....	2 91
1331	2		1897	.....	3 07
1331	2		1899	2 60	.....
1331	2		1900	2 55	.....
1331	2		1901	2 62	.....
1331	2		1902	2 58	.....
1331	2		1903	4 46	.....
1331	2		1904	6 29	.....
1331	2		1905	6 25	.....
1331	2		1895	.....	3 44
1331	2		1894	.....	1 22
1331	2		1896	.....	2 91
1331	2		1897	.....	3 07
1332	6½	(In Brooklyn ave.)	1909	3 99	.....
1332	6½		1905	2 18	.....
1332	6½		1906	2 15	.....
1332	6½		1907	3 58	.....
1332	6½		1908	3 84	.....
1333	25	Athletic field, Albany ave	1911	56 16	.....
1347	53	Public School 83	1905	23 43	.....
1347	53		1905	23 43	.....
1347	53		1905	23 43	.....
1347	53		1905	23 43	.....
1347	53		1905	32 81	.....
1347	53		1905	32 81	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
1347	53	Public School 83	1905	54 69	.....
1347	53		1905	31 25	.....
1347	53		1905	31 25	.....
1347	53		1905	31 25	.....
1347	53		1905	31 25	.....
1347	53		1906	30 75	.....
1347	53		1906	30 75	.....
1347	53		1906	30 75	.....
1347	53		1906	43 05	.....
1347	53		1906	43 05	.....
1347	53		1906	61 50	.....
1347	53		1906	10 76	.....
1347	53	Public School 83	1906	9 99	.....
1347	53		1906	9 99	.....
1347	53		1906	46 13	.....
1353	14	Fire Department, 1472 Bergen st	1892	.....	17 05
1389	35	School, Schenectady ave	1907	174 83	.....
1398	1	Park, Eastern parkway	1895	.....	171 92
1398	1		1896	.....	27 53
1398	1		1895	.....	222 60
1398	1		1896	.....	11 01
1398	1		1896	.....	5 50
1445	2	Fire (site), Ralph ave	1905	18 75	.....
1449	Street	Eastern parkway extension	1896	.....	52 41
1449	Street		1896	.....	494 12
1457	32	School, St. Mark's ave	1902	82 37	.....
1457	32		1902	11 29	.....
1457	32		1902	2 82	.....
1460	Street	Eastern parkway extension	1896	.....	235 83
1473	Street		1896	.....	5 51
1474	Street		1896	.....	36 33
1474	Street		1896	.....	33 09
1477	Pitkin ave.	In bed of street	1897	.....	16 01
		Section 6.			
1494	1	Saratoga sq	1895	.....	1,275 92
1498	35	Vacant, Macon st	1907	155 40	.....
1498	35		1907	24 86	.....
1516	3	Corporation Yard, Hopkinson ave	1906	61 50	.....
1516	3		1907	62 16	.....
1516	3		1907	2 09	.....
1516	3		1906	38 44	.....
1516	3		1907	43 51	.....
1516	3		1906	12 30	.....
1516	3		1907	7 77	.....
1528	1	Public School 73	1896	.....	27
1528	1		1896	.....	41 23
1528	1		1895	.....	40 30
1528	1		1896	.....	27
1528	6, now 1		1907	62 16	.....
1528	6, now 1		1908	116 91	.....
1528	6, now 1		1909	121 64	.....
1528	6, now 1		1910	235 94	.....
1528	6, now 1		1911	263 25	.....
1528	10, now 1		1907	7 77	.....
1528	10, now 1		1908	13 36	.....
1528	10, now 1		1909	13 90	.....
1528	12, now 1		1907	46 62	.....
1528	12, now 1		1908	50 10	.....
1528	12, now 1		1909	52 13	.....
1528	12, now 1		1912	280 50	.....
1528	16, now 1		1907	69 93	.....
1528	16, now 1		1908	75 15	.....
1528	16, now 1		1909	78 20	.....
1528	16, now 1		1910	29 03	.....
1528	16, now 1		1911	31 59	.....
1528	16, now 1		1912	33 66	.....
1528	17, now 1		1907	38 85	.....
1528	17, now 1		1908	38 41	.....
1528	17, now 1		1909	27 80	.....
1528	17, now 1		1910	29 03	.....
1528	17, now 1		1911	31 59	.....
1528	17, now 1		1912	33 66	.....
1528	18, now 1		1908	41 75	.....
1528	18, now 1		1909	27 80	.....
1528	18, now 1		1910	29 03	.....
1528	18, now 1		1911	31 59	.....
1528	18, now 1		1912	33 66	.....
1528	19, now 1		1907	38 85	.....
1528	19, now 1		1908	41 75	.....
1528	19, now 1		1909	27 80	.....
1528	19, now 1		1910	29 03	.....
1528	19, now 1		1911	31 59	.....
1528	19, now 1		1912	33 66	.....
1528	20, now 1		1907	38 85	.....
1528	20, now 1		1908	41 75	.....
1528	20, now 1		1909	27 80	.....
1528	20, now 1		1910	29 03	.....
1528	20, now 1		1911	31 59	.....
1528	20, now 1		1912	33 66	.....
1528	21, now 1		1908	41 75	.....
1528	21, now 1		1909	27 80	.....
1528	21, now 1		1910	29 03	.....
1528	21, now 1		1911	31 59	.....
1528	21, now 1		1912	33 66	.....
1540	..	Eastern parkway extension	1896	.....	320 81
1548	61	Fire Department	1887	.....	12 73
1552	43	Public School No. 155	1907	357 43	.....
1552	43		1908	668 08	.....
1553	..	Eastern parkway extension	1896	.....	481 06
1601	23	Fire Department, DeKalb ave	1899	27 60	.....
1611	49	Public School 57	1907	38 85	.....
1611	49		1907	59 05	.....
1611	49		1906	46 13	.....
1611	49		1907	46 62	.....
1633	39	Police Department, 18 Ralph ave	1886	.....	27 29
1633	39		1886	.....	10 91
1633	39		1887	.....	15 55
1633	39		1888	.....	15 31
1633	39		1889	.....	16 57
1633	39		1890	.....	15 77
1633	58	Public School 26, Gates ave	1903	59 57	.....
1633	58		1903	22 34	.....
1649	1	Armory, Jefferson ave	1905	117 19	.....
1649	1		1905	117 19	.....
1649	1		1905	112 51	.....
1649	1		1905	112 51	.....
1649	1		1905	112 51	.....
1649	1		1905	96 88	.....
1649	1		1905	96 88	.....
1649	1	Armory, Jefferson ave	1905	96 88	.....
1649	1		1905	96 88	.....
1649	1		1905	96 88	.....
1665	1	Library, Lewis ave	1905	96 88	.....
1665	1		1905	85 94	.....
1665	1		1905	50 00	.....
1673	1	Public School No. 70	1882	.....	3 45
1673	1		1882	.....	3 45
1690	1	Park, Fulton st	1895	.....	13 98
1690	1		1896	.....	13 72
1690	1		1897	.....	14 31
1690	1		1899	11 82	.....
1690	1		1900	11 60	.....
1690	1		1902	11 76	.....
1690	1		1903	8 93	.....
1690	1		1904	2,611 65	.....
1690	1		1905	2,812 75	.....
1690	1		1901	11 94	.....
1727	14	Public School No. 148	1905	75 00	.....
1727	14		1905	75 00	.....
1727	14		1905	75 00	.....
1727	14		1905	75 00	.....
1727	14		1905	45 31	.....
1727	14		1905	42 19	.....
1727	14		1905	78 13	.....
1727	14		1905	62 50	.....
1727	14		1905	43 75	.....
1727	14		1905	68 75	.....
1727	14		1905	73 44	.....
1727	14		1905	73 44	.....
1737	27	Vacant, Nostrand ave	1905	40 62	.....
1737	27		1909	13 80	.....
1737	28		1905	15 62	.....
1743	21	Public School No. 55	1899	89 70	.....
1760	7	Police Department, Tompkins ave	1889	.....	30 14
1760	7		1889	.....	30 14
1760	7		1889	.....	37 68
1760	7		1889	.....	10 85
1810	45	Police Department, Throop ave	1895	.....	167 73
1826	1	Public School No. 44	1901	45 38	.....
1868	7	Public School No. 93	1906	126 09	.....
1868	13, now 7		1906	230 65	.....
		Section 7.			
1882	1	Department of Street Cleaning	1897	.....	51 50
1882	1		1899	42 55	.....
1882	1		1900	41 78	.....
1882	1		1901	42 99	.....
1882	1		1902	42 36	.....
1882	1		1903	300 07	.....
1882	1		1904	251 63	.....
1897	13	Public School No. 157	1907	21 75	.....
1897	13		1907	35 74	.....
1897	13		1907	27 97	.....
1897	13		1907	52 83	.....
1897	13		1907	43 51	.....
1897	13		1907	29 52	.....
1897	13		1907	26 41	.....
1897	13		1907	43 51	.....
1897	13		1907	35 74	.....
1897	13		1907	31 08	.....
1897	13		1907	57 50	.....
1914	31	Fire Department, Bedford ave	1891	.....	78 63
1914	31		1892	.....	85 13
1937	17	Public School No. 45	1889	.....	40 66
1937	17		1889	.....	30 12
1937	17		1889	.....	30 12
1937	21	Police Department, De Kalb ave	1889	.....	51 20
1937	21		1889	.....	30 12
1937	21		1889	.....	30 12
1937	21		1889	.....	30 12
1937	21		1899	113 85	.....
1937	55	Public School No. 45	1904	39 32	.....
1997	32	Library, Franklin ave	1902	282 42	.....
1997	32		1903	357 46	.....
1997	32		1904	377 51	.....
1997	32		1905	1,312 61	.....
1997	32		1906	1,291 65	.....
1997	32		1907	1,305 42	.....
2039	1	Library, St. Edwards st	1907	54 39	.....
2039	1		1908	26 72	.....
2048	31	Flatbush ave. extension	1907	326 35	.....
2048	32		1907	202 03	.....
2048	street		1908	1,119 04	.....
2048	....		1907	132 10	.....
2048	....		1907	54 00	.....
2048	....		1907	85 48	.....
2048	....		1907	186 49	.....
2048	....		1907	10 10	.....
2048	....		1907	16 31	.....
2048	....		1907	24 08	.....
2048	....		1907	43 51	.....
2048	....		1907	28 75	.....
2048	....		1907	122 77	.....
2049	street		1908	83 51	.....
2049	street		1907	163 18	.....
2049	street		1905	153 92	.....
2049	street		1906	161 46	.....
2057	34	Fire Department, Myrtle ave	1886	.....	68 17
2057	34		1887	.....	70 67
2057	34		1888	.....	69 60
2057	34		1889	.....	75 37
2057	34		1890	.....	60 75
2057	34		1891	.....	65 59
2057	34		1892	.....	70 98
2057	34		1893	.....	72 73
2057	34		1894	.....	67 06
2057	34		1895	.....	70 00
2057	34		1896	.....	68 78
2057	34		1897	.....	71 53
2057	34		1899	59 10	.....
2057	34		1900	39 45	.....
2057	34		1901	40 60	.....
2057	34		1902	40 01	.....
2057	34		1903	37 23	.....
2057	34		1904	39 32	.....
2057	34		1905	39 06	.....
2057	34		1906	38 44	.....
2057	34		1907	38 85	.....
2057	34		1908	255 54	.....
2057	34		1909	352 77	.....
2057	34		1910	368 44	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2059	..	Flatbush Avenue Extension.....	1907	6 22	.....
2059	..		1907	83 14	.....
2059	..		1908	66 80	.....
2060	39		1907	48 17	.....
2060	17		1907	59 05	.....
2060	37		1907	62 16	.....
2060	..		1907	58 74	.....
2060	..		1907	28 36	.....
2060	..		1907	3 11	.....
2060	..		1907	4 66	.....
2060	..		1907	77	.....
2060	..		1907	78	.....
2060	..		1907	34 96	.....
2060	..		1907	47 40	.....
2060	..		1907	55 56	.....
2060	..		1907	672 91	.....
2060	..		1907	61 38	.....
2060	..		1907	46 62	.....
2060	..		1907	42 89	.....
2060	..		1908	1,336 16	.....
2062	..		1907	11 19	.....
2062	..		1907	23 62	.....
2062	..		1908	116 91	.....
2071	23	Fire Department, Bolivar st.....	1904	62 91	.....
2071	23		1905	31 25	.....
2071	23		1905	31 25	.....
2071	23		1905	31 25	.....
2071	23		1905	62 50	.....
2071	23		1905	50 00	.....
2071	23		1906	16 91	.....
2071	23		1906	12 30	.....
2071	23		1906	12 30	.....
2071	23		1906	12 30	.....
2071	23		1906	18 45	.....
2071	23		1906	30 75	.....
2079	21	Health Department, Willoughby st....	1906	59 96	.....
2079	21		1907	60 60	.....
2079	21		1906	17 94	.....
2079	21		1907	18 33	.....
2079	21		1906	68 81	.....
2079	..	Flatbush Avenue Extension.....	1907	3 11	.....
2079	..		1907	72 27	.....
2079	..		1907	24 87	.....
2079	..		1907	26 41	.....
2079	..		1907	45 07	.....
2079	..		1906	35 87	.....
2079	..		1907	36 06	.....
2079	..		1907	60 61	.....
2079	..		1907	77 70	.....
2079	..		1907	43 52	.....
2079	..		1908	751 59	.....
2080	..		1908	61 79	.....
2084	21		1907	124 32	.....
2084	24		1907	69 93	.....
2084	..		1907	40 41	.....
2084	..		1907	66 82	.....
2084	..		1907	69 15	.....
2084	..		1906	74 58	.....
2084	..		1907	106 45	.....
2084	..		1907	98 68	.....
2084	..		1907	96 19	.....
2093	..	Flatbush ave. extension.....	1908	9,937 74	.....
2093	..		1907	10,956 26	.....
2093	..		1905	10,038 42	.....
2093	..		1906	9,878 12	.....
		Section 8.			
2128	5	Ferry, Kent ave.....	1910	635 34	.....
2173	17	Fire Department, 154 Clymer st.....	1883	.....	2 06
2173	17		1884	.....	1 96
2173	17		1885	.....	1 86
2173	17		1886	.....	1 75
2173	17		1887	.....	1 65
2173	17		1888	.....	1 55
2173	17		1889	.....	1 45
2189	1	Library, 575 Bedford ave.....	1903	23 83	.....
2189	1		1903	29 78	.....
2989	1		1903	59 57	.....
2989	1		1903	111 70	.....
2989	1		1903	14 89	.....
2989	1		1903	52 13	.....
2989	1		1903	20 85	.....
2989	1		1903	17 87	.....
2989	1		1903	25 32	.....
2989	1		1903	25 32	.....
2989	1		1903	38 72	.....
2989	1		1904	393 24	.....
2195	1	High School, Marcy ave.....	1904	86 51	.....
2195	1		1904	70 78	.....
2195	1		1904	70 78	.....
2195	1		1904	84 93	.....
2195	1		1904	73 92	.....
2195	1		1904	84 93	.....
2195	1		1904	81 79	.....
2195	1		1905	81 25	.....
2195	1		1905	82 81	.....
2195	1		1905	93 75	.....
2195	1		1905	85 94	.....
2195	1		1905	85 94	.....
2195	1		1905	85 94	.....
2195	1		1905	90 63	.....
2195	1		1905	70 31	.....
2195	1		1905	70 31	.....
2195	1		1905	70 31	.....
2195	1		1905	70 31	.....
2195	1		1905	73 44	.....
2195	1		1905	67 19	.....
2195	1		1905	76 56	.....
2195	1		1905	3 90	.....
2195	1		1905	73 44	.....
2195	1		1905	81 25	.....
2195	1		1905	81 25	.....
2195	1		1905	73 44	.....
2195	1		1905	84 38	.....
2195	1		1905	81 25	.....
2195	1	High School, Marcy ave.....	1905	81 25	.....
2195	1		1905	81 25	.....
2195	1		1905	156 26	.....
2195	1		1906	38 44	.....
2195	1		1906	43 05	.....
2195	1		1906	55 35	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2195	1	High school, Marcy ave.	1906	41 51	.....
2195	1		1906	41 51	.....
2195	1		1906	41 51	.....
2195	1		1906	41 51	.....
2195	1		1906	46 13	.....
2195	1		1906	46 13	.....
2195	1		1906	46 13	.....
2195	1		1906	46 13	.....
2195	1		1906	50 74	.....
2195	1		1906	39 21	.....
2195	1		1906	84 57	.....
2195	1		1906	6 15	.....
2195	1		1906	36 90	.....
2195	1		1906	43 05	.....
2195	1		1906	43 05	.....
2195	1		1906	43 05	.....
2195	1		1906	43 05	.....
2195	1		1906	38 44	.....
2195	1		1906	38 44	.....
2195	1		1906	38 44	.....
2195	1		1906	50 74	.....
2227	32	Public School 122.....	1900	41 78	.....
2243	1	Park, Broadway	1883	.....	1 46
2243	1		1884	.....	1 38
2243	1		1885	.....	1 31
2243	1		1886	.....	1 24
2243	1		1887	.....	1 17
2243	1		1888	.....	1 10
2243	1		1889	.....	1 03
2280	1	McCarren Park	1905	156 26	.....
2280	1		1905	546 92	.....
2281	1		1903	19 36	.....
2281	1		1904	20 44	.....
2281	1		1903	13 40	.....
2281	1		1904	14 15	.....
2281	1		1905	37 50	.....
2281	1		1905	28 12	.....
2281	1		1905	28 12	.....
2281	1		1905	28 12	.....
2281	1		1905	20 31	.....
2281	1		1905	14 06	.....
2281	1		1905	18 75	.....
2281	1		1905	15 62	.....
2281	1		1905	12 50	.....
2281	1		1905	9 37	.....
2281	1		1905	7 03	.....
2281	1		1905	5 46	.....
2281	1		1905	4 68	.....
2281	1		1905	3 12	.....
2284	1		1905	140 63	.....
2285	1		1903	372 36	.....
2285	1		1904	128 98	.....
2285	1		1903	111 70	.....
2285	1		1904	81 79	.....
2285	1		1905	128 13	.....
2285	1		1905	128 13	.....
2285	1		1905	18 75	.....
2285	1		1905	18 75	.....
2285	1		1905	18 75	.....
2285	1		1905	18 75	.....
2285	1		1905	18 75	.....
2285	1		1905	18 75	.....
2285	1		1905	18 75	.....
2285	1		1905	98 44	.....
2285	1		1905	117 19	.....
2285	1		1905	85 94	.....
2285	1		1905	81 25	.....
2286	1		1903	163 83	.....
2286	1		1904	235 94	.....
2286	1		1903	37 23	.....
2286	1		1904	55 05	.....
2286	1		1905	250 02	.....
2286	1		1905	35 94	.....
2286	1		1905	54 69	.....
2306	..	In bed of Roebling st.....	1907	54 08	.....
2306	..		1907	54 08	.....
2321	..		1906	26 14	.....
2321	24		1906	58 43	.....
2329	..		1906	6 15	.....
2329	..		1906	39 97	.....
2330	11	Public School 143.....	1903	26 81	.....
2330	11		1895	.....	18 33
2330	11		1897	.....	18 74
2330	11		1899	16 54	.....
2330	11		1900	16 24	.....
2330	11		1901	16 71	.....
2330	11		1902	16 47	.....
2330	11		1897	.....	16 06
2330	11		1899	17 73	.....
2330	11		1900	17 40	.....
2330	11		1901	17 91	.....
2330	11	School, North 7th st.....	1902	17 65	.....
2330	11		1903	26 81	.....
2330	11		1903	52 13	.....
2330	11		1903	16 38	.....
2330	11		1903	29 78	.....
2330	11		1903	44 68	.....
2330	11		1903	14 89	.....
2330	11		1903	37 23	.....
2330	11		1903	25 32	.....
2330	11		1903	32 76	.....
2330	11		1903	74 47	.....
2330	11		1903	25 32	.....
2337	..	In Roebling st.	1906	126 09	.....
2337	..		1906	4 62	.....
2337	..		1906	3 85	.....
2337	..		1906	72 28	.....
2337	..		1906	3 84	.....
2337	..		1906	69 19	.....
2345	..	In bed of Roebling st.....	1906	75 35	.....
2345	..		1906	55 35	.....
2366	1	Police Department, Bedford ave.....	1901	238 85	.....
2367	..	In bed of Roebling st.....	1906	3 07	.....
2367	..		1906	3 07	.....
2367	..		1906	3 07	.....
2367	..		1906	23 83	.....
2367	..		1906	31 52	.....
2372	24		1906	58 43	.....
2372	5	Public School 20	1896	.....	20 57

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2382	..	In bed of Roebling st	1906	69 19	.....
2382	..		1906	175 30	.....
2407	..		1906	56 88	.....
2407	..		1906	52 28	.....
2411	..	In bed of Grand st	1906	61 50	.....
2411	..		1906	47 66	.....
2411	..		1906	58 43	.....
2411	..		1906	44 59	.....
2411	..		1906	33 75	.....
2411	..		1906	85 96	.....
2411	..		1906	79 73	.....
2411	..		1906	45 05	.....
2411	..		1906	25 91	.....
2412	..		1906	21 52	.....
2412	..		1906	24 06	.....
2412	..		1906	123 70	.....
2419	..	In bed of Roebling st	1906	23 06	.....
2419	..		1906	26 14	.....
2419	..		1906	26 14	.....
2419	..		1906	101 48	.....
2419	..		1906	87 03	.....
2421	..	In bed of Grand st	1906	49 97	.....
2422	..		1906	115 33	.....
2422	..		1906	21 52	.....
2422	..		1906	39 98	.....
2422	..		1906	197 36	.....
2422	..		1906	267 25	.....
2422	..		1906	275 25	.....
2423	..	In bed of Grand st	1906	66 12	.....
2432	..	In bed of Roebling st	1906	111 48	.....
2432	..		1906	119 94	.....
2434	..	In bed of Grand st	1906	79 96	.....
2434	..		1906	186 05	.....
2434	..		1906	293 69	.....
2434	..		1906	194 75	.....
2434	..		1906	206 05	.....
2434	..		1906	382 04	.....
2434	..		1906	112 17	.....
2434	..		1906	78 19	.....
2434	..		1906	48 67	.....
2434	18		1906	53 82	.....
2434	19		1906	76 88	.....
2443	6	Water Department, Berry st	1889	.....	117 32
2443	6		1889	.....	3 23
2443	6		1889	.....	1 79
2443	6		1890	.....	1 68
2443	6		1891	.....	1 57
2443	..	In bed of South 5th st	1900	58 02	.....
2443	..		1900	60 35	.....
2443	..		1900	174 08	.....
2443	..		1901	597 14	.....
2443	..		1901	90 76	.....
2443	..		1901	136 14	.....
2443	..		1901	47 77	.....
2443	..		1901	62 10	.....
2444	..		1901	100 31	.....
2444	..		1901	100 31	.....
2444	..		1900	116 05	.....
2444	..		1901	112 26	.....
2444	..		1901	69 26	.....
2444	..		1901	54 93	.....
2444	..		1901	48 96	.....
2444	..		1900	47 58	.....
2444	..		1901	82 41	.....
2444	..		1901	95 54	.....
2445	15	Williamsburg Bridge	1903	78 94	.....
2445	15		1904	37 75	.....
2445	15		1903	78 94	.....
2445	15		1904	37 75	.....
2445	15		1902	105 90	.....
2445	15		1903	65 53	.....
2445	15		1904	37 75	.....
2445	15		1902	75 31	.....
2445	15		1904	29 88	.....
2445	15		1904	29 88	.....
2445	15		1900	81 23	.....
2445	15		1903	126 60	.....
2445	15		1904	39 32	.....
2445	15		1902	63 54	.....
2445	15		1903	55 10	.....
2445	15		1904	33 03	.....
2445	15		1903	56 59	.....
2445	15		1904	33 81	.....
2445	15		1902	70 60	.....
2445	15		1900	116 05	.....
2445	15		1900	76 59	.....
2445	15		1902	77 66	.....
2445	15		1902	77 66	.....
2445	15		1900	76 59	.....
2445	15		1900	106 77	.....
2445	15		1903	89 36	.....
2445	15		1904	94 37	.....
2445	15		1900	106 77	.....
2445	15		1902	108 26	.....
2445	15		1902	160 04	.....
2445	15		1905	40 62	.....
2445	15		1905	37 50	.....
2445	15		1905	37 50	.....
2445	15		1905	37 50	.....
2445	15		1905	29 69	.....
2445	15		1905	29 69	.....
2445	15		1905	39 06	.....
2445	15		1905	32 81	.....
2445	15		1905	33 59	.....
2445	15		1906	39 97	.....
2445	15		1906	36 90	.....
2445	15		1906	36 90	.....
2445	15		1906	36 90	.....
2445	15		1906	29 21	.....
2445	15		1906	29 21	.....
2445	15		1906	38 44	.....
2445	15		1906	32 29	.....
2445	15		1906	33 06	.....
2445	..	In bed of South 5th st	1900	111 41	.....
2445	..		1901	102 71	.....
2445	..		1901	91 96	.....
2445	..		1901	91 96	.....
2445	..		1901	90 77	.....
2445	..		1901	138 53	.....
2446	1	Williamsburg Bridge	1900	51 06	.....
2446	1	Williamsburg Bridge	1902	105 90	.....
2446	1		1900	97 48	.....
2446	1		1902	98 84	.....
2446	1		1903	74 47	.....
2446	1		1904	47 18	.....
2446	1		1900	88 20	.....
2446	1		1901	90 76	.....
2446	1		1902	89 43	.....
2446	1		1903	71 49	.....
2446	1		1904	31 45	.....
2446	1		1900	88 20	.....
2446	1		1903	81 91	.....
2446	1		1902	94 14	.....
2446	1		1903	71 49	.....
2446	1		1904	31 45	.....
2446	1		1900	97 48	.....
2446	1		1903	81 91	.....
2446	1		1903	80 43	.....
2446	1		1900	102 12	.....
2446	1		1903	80 43	.....
2446	1		1903	80 43	.....
2446	1		1903	89 36	.....
2446	1		1904	33 03	.....
2446	1		1903	81 91	.....
2446	1		1903	77 45	.....
2446	1		1904	33 03	.....
2446	1		1900	99 80	.....
2446	1		1902	101 20	.....
2446	1		1903	44 68	.....
2446	1		1902	58 83	.....
2446	1		1900	60 34	.....
2446	1		1903	52 13	.....
2446	1		1904	36 17	.....
2446	1		1902	61 19	.....
2446	1		1900	60 34	.....
2446	1		1902	77 66	.....
2446	1		1902	77 66	.....
2446	1		1900	60 34	.....
2446	1		1903	56 59	.....
2446	1		1904	36 17	.....
2446	1		1902	63 54	.....
2446	1		1903	65 53	.....
2446	1		1904	36 17	.....
2446	1		1903	52 13	.....
2446	1		1904	36 17	.....
2446	1		1900	53 38	.....
2446	1		1903	47 66	.....
2446	1		1904	33 03	.....
2446	1		1903	59 57	.....
2446	1		1904	44 04	.....
2446	1		1900	150 87	.....
2446	1		1903	178 73	.....
2446	1		1904	94 37	.....
2446	1		1905	46 87	.....
2446	1		1905	31 25	.....
2446	1		1905	31 25	.....
2446	1		1905	32 81	.....
2446	1		1905	32 81	.....
2446	1		1905	93 75	.....
2446	1		1905	35 94	.....
2446	1		1905	35 94	.....
2446	1		1905	35 94	.....
2446	1		1905	35 94	.....
2446	1		1905	32 81	.....
2446	1		1905	43 75	.....
2446	1		1906	46 13	.....
2446	1		1906	37 75	.....
2446	1		1906	37 75	.....
2446	1		1906	32 29	.....
2446	1		1906	32 29	.....
2446	1		1906	92 26	.....
2446	1		1906	35 36	.....
2446	1		1906	35 36	.....
2446	1		1906	35 36	.....
2446	1		1906	35 36	.....
2446	1		1906	32 29	.....
2446	1		1906	43 05	.....
2447	..	In bed of Grand st	1906	1 54	.....
2454	1	Williamsburg Bridge	1897	.....	1,070 68
2454	1		1897	.....	66 92
2454	1		1896	.....	84 54
2454	1		1897	.....	88 33
2454	1		1896	.....	84 54
2454	1		1897	.....	88 33
2454	1		1897	.....	88 33
2454	1		1897	.....	88 33
2454	1		1897	.....	107 07
2454	1		1897	.....	101 79
2454	1		1897	.....	93 68
2454	1		1896	.....	97 35
2454	1		1897	.....	101 71
2454	1		1897	.....	107 07
2454	1		1897	.....	107 07
2454	1		1897	.....	107 07
2454	1		1897	.....	642 41
2454	1		1897	.....	374 74
2454	1		1897	.....	61 56
2454	1		1897	.....	74 95
2454	1		1897	.....	72 27
2454	1		1897	.....	61 56
2454	1		1897	.....	64 24
2454	1		1897	.....	69 59
2454	1		1897	.....	66 92
2455	1	Williamsburg Bridge	1901	59 71	.....
2455	1		1901	64 49	.....
2455	1		1900	34 81	.....
2455	1		1900	64 99	.....
2455	1		1900	81 23	.....
2455	1		1900	81 23	.....
2456	2		1900	88 20	.....
2456	2		1900	27 85	.....
2456	2		1900	25 53	.....
2456	2		1900	185 69	.....
2456	2		1900	69 63	.....
2456	2		1900	74 27	.....
2456	2		1900	81 23	.....
2456	2		1900	97 48	.....
2456	2		1901	100 31	.....
2456	2		1901	85 98	.....
2456	2		1901	262 73	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2456	2	Williamsburg Bridge	1901	9 56	.....
2456	2		1901	214 96	.....
2456	2		1900	58 02	.....
2457	1		1900	139 26	.....
2457	1		1900	348 16	.....
2457	1		1900	109 09	.....
2457	1		1900	64 99	.....
2457	1		1900	174 08	.....
2457	1		1901	66 87	.....
2457	1		1901	71 65	.....
2457	1		1901	2 39	.....
2457	1		1901	4 78	.....
2457	1		1901	7 17	.....
2458	6		1901	66 87	.....
2458	6		1903	52 13	.....
2458	6		1904	55 05	.....
2458	6		1900	76 59	.....
2458	6		1902	77 66	.....
2458	6		1902	77 66	.....
2458	6		1900	76 59	.....
2458	6		1903	89 36	.....
2458	6		1904	94 37	.....
2458	6		1902	70 60	.....
2458	6		1903	55 10	.....
2458	6		1904	58 19	.....
2548	6		1903	238 31	.....
2458	6		1904	157 29	.....
2458	6		1903	126 60	.....
2458	6		1904	103 81	.....
2458	6		1903	148 94	.....
2458	6		1904	103 81	.....
2458	6		1903	141 49	.....
2458	6		1902	176 51	.....
2458	6		1902	164 74	.....
2458	6		1899	165 49	.....
2458	6		1900	162 47	.....
2458	6		1901	167 19	.....
2458	6		1902	164 74	.....
2458	6		1903	126 60	.....
2458	6		1904	111 68	.....
2458	6		1903	126 60	.....
2458	6		1903	126 60	.....
2458	6		1901	160 03	.....
2458	6		1905	34 37	.....
2458	6		1905	43 75	.....
2458	6		1905	46 87	.....
2458	6		1905	156 26	.....
2458	6		1905	103 13	.....
2458	6		1905	103 13	.....
2458	6		1905	110 94	.....
2458	6		1906	33 82	.....
2458	6		1906	43 05	.....
2458	6		1906	46 13	.....
2458	6		1906	153 76	.....
2458	6		1906	101 48	.....
2458	6		1906	101 48	.....
2458	6		1906	109 17	.....
2458	6		1900	67 31	.....
2459	1		1903	59 57	.....
2459	1		1903	59 57	.....
2459	1		1902	70 60	.....
2459	1		1903	44 68	.....
2459	1		1903	43 19	.....
2459	1		1904	45 61	.....
2459	1		1903	43 19	.....
2459	1		1904	45 61	.....
2459	1	Williamsburg Bridge	1903	44 68	.....
2459	1		1904	47 18	.....
2459	1		1903	44 68	.....
2459	1		1904	47 18	.....
2459	1		1902	58 83	.....
2459	1		1903	44 68	.....
2459	1		1904	47 18	.....
2459	1		1903	47 66	.....
2459	1		1902	58 83	.....
2459	1		1902	58 83	.....
2459	1		1902	58 83	.....
2459	1		1902	61 19	.....
2459	1		1902	58 83	.....
2459	1		1900	53 38	.....
2459	1		1903	41 70	.....
2459	1		1904	44 04	.....
2459	1		1902	56 48	.....
2459	1		1903	43 19	.....
2459	1		1904	45 61	.....
2459	1		1902	65 89	.....
2459	1		1903	44 68	.....
2459	1		1904	47 18	.....
2459	1		1903	34 25	.....
2459	1		1904	47 18	.....
2459	1		1904	173 02	.....
2459	1		1903	119 15	.....
2459	1		1904	125 83	.....
2459	1		1903	122 13	.....
2459	1		1904	128 98	.....
2459	1		1900	150 87	.....
2459	1		1904	128 98	.....
2459	1		1904	125 83	.....
2459	1		1903	119 15	.....
2459	1		1903	119 15	.....
2459	1		1904	125 83	.....
2459	1		1902	317 72	.....
2459	1		1903	134 05	.....
2459	1		1900	162 47	.....
2459	1		1903	134 05	.....
2459	1		1903	134 05	.....
2459	1		1904	141 56	.....
2459	1		1900	162 47	.....
2459	1		1900	139 26	.....
2459	1		1903	245 75	.....
2459	1		1904	259 53	.....
2459	1		1903	253 20	.....
2459	1		1904	267 40	.....
2459	1		1900	174 08	.....
2459	1		1903	193 62	.....
2459	1		1904	204 48	.....
2459	1		1903	193 62	.....
2459	1		1904	204 48	.....
2459	1		1904	408 96	.....
2459	1		1902	58 83	.....
2459	1	Williamsburg Bridge	1905	34 37	.....
2459	1		1905	34 37	.....
2459	1		1905	35 94	.....
2459	1		1905	35 94	.....
2459	1		1905	35 94	.....
2459	1		1905	34 37	.....
2459	1		1905	34 37	.....
2459	1		1905	44 53	.....
2459	1		1905	44 53	.....
2459	1		1905	164 07	.....
2459	1		1905	109 38	.....
2459	1		1905	109 38	.....
2459	1		1905	125 01	.....
2459	1		1905	125 01	.....
2459	1		1905	125 01	.....
2459	1		1905	125 01	.....
2459	1		1905	125 01	.....
2459	1		1905	125 01	.....
2459	1		1905	109 38	.....
2459	1		1905	109 38	.....
2459	1		1905	164 07	.....
2459	1		1906	33 82	.....
2459	1		1906	33 82	.....
2459	1		1906	35 36	.....
2459	1		1906	35 36	.....
2459	1		1906	35 36	.....
2459	1		1906	33 82	.....
2459	1		1906	33 82	.....
2459	1		1906	43 82	.....
2459	1		1906	43 82	.....
2459	1	Williamsburg Bridge	1906	161 45	.....
2459	1		1906	107 63	.....
2459	1		1906	107 63	.....
2459	1		1906	123 01	.....
2459	1		1906	123 01	.....
2459	1		1906	123 01	.....
2459	1		1906	123 01	.....
2459	1		1906	123 01	.....
2459	1		1906	107 63	.....
2459	1		1906	107 63	.....
2459	1		1906	161 45	.....
2465	..	In bed of Montrose ave	1908	88 52	.....
2465	..		1908	76 83	.....
2465	..		1908	8 35	.....
2465	..		1908	75 16	.....
2465	..		1908	83 51	.....
2465	..		1908	41 75	.....
2465	..		1908	1,586 70	.....
2465	..		1908	155 49	.....
2465	..		1908	65 14	.....
2465	..		1908	90 19	.....
2465	..		1908	71 82	.....
2467	1	Ferry property, Kent ave	1908	2,262 30	.....
2467	1		1909	2,353 86	.....
2467	1		1910	3,430 33	.....
		Section 9.			
2479	..	In bed of Manhattan ave	1905	162 51	.....
2508	1	Pier, Newtown Creek	1910	909 30	.....
2508	2	Basin, Newtown Creek	1910	3,319 60	.....
2522	56	Public Bath	1904	62 91	.....
2522	56		1905	1,250 11	.....
2522	56		1903	36 49	.....
2563	25	Fire Department, Greenpoint ave	1892	.....	7 91
2563	25		1893	.....	8 15
2563	25		1894	.....	7 50
2563	25		1895	.....	7 85
2563	25		1896	.....	7 68
2563	25		1897	.....	8 03
2563	25		1899	7 09	.....
2563	25		1900	6 96	.....
2563	25		1901	7 16	.....
2563	25		1902	7 06	.....
2563	25		1903	5 95	.....
2605	..	In bed of Humboldt st	1911	8 77	.....
2605	..		1911	59 67	.....
2621	32	Public Library, 111 Norman ave	1904	53 48	.....
2621	32		1905	31 25	.....
2621	32		1906	30 75	.....
2621	32		1907	31 08	.....
2621	32		1908	33 40	.....
2621	32		1909	34 75	.....
2621	32	Public Library, 111 Norman ave	1910	36 29	.....
2621	32		1911	59 67	.....
2622	28	Public School 34	1906	115 32	.....
2622	28		1907	116 55	.....
2622	28		1908	58 45	.....
2622	28		1909	60 82	.....
2622	35	Public School 34	1904	94 37	.....
2622	35		1905	93 75	.....
2622	35		1906	107 63	.....
2670	1	Park, Greenpoint ave	1905	60 94	.....
2671	1	Park, Greenpoint ave	1903	55 10	.....
2671	1		1904	62 91	.....
2671	1		1905	179 70	.....
2671	1		1905	62 50	.....
2671	1		1905	62 50	.....
2672	1		1905	11 71	.....
2672	1		1905	17 18	.....
2672	1		1905	25 00	.....
2673	1		1904	139 99	.....
2673	1		1904	235 94	.....
2673	1		1905	234 39	.....
2673	1		1905	54 69	.....
2673	1		1905	140 63	.....
2674	1		1905	125 01	.....
2675	1		1903	2 97	.....
2675	1		1904	3 14	.....
2675	1		1905	250 02	.....
2675	1		1905	9 37	.....
2675	1		1905	7 81	.....
2675	1		1905	5 46	.....
2675	1		1905	3 90	.....
2675	1		1905	3 12	.....
2676	1		1904	78 64	.....
2676	1		1905	46 87	.....
2676	1		1905	78 13	.....
2676	1		1905	31 25	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2676	1	Park, Greenpoint ave.	1905	15 62	.....
2676	1		1905	34 37	.....
2676	1		1905	28 12	.....
2676	1		1905	28 12	.....
2676	1		1905	28 12	.....
2676	1		1905	28 12	.....
2676	1		1905	28 12	.....
2676	1		1905	28 12	.....
2676	1		1905	34 37	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	15 62	.....
2676	1		1905	25 00	.....
2676	1		1905	19 53	.....
2676	1		1905	18 75	.....
2676	1		1905	17 97	.....
2676	1		1905	21 87	.....
2676	1		1905	21 09	.....
2676	1		1905	46 87	.....
2677	1		1904	149 43	.....
2677	1		1904	78	.....
2677	1		1905	14 06	.....
2677	1		1905	3 12	.....
2677	1		1905	4 21	.....
2677	1		1905	5 15	.....
2677	1		1905	6 09	.....
2677	1		1905	7 03	.....
2677	1		1905	7 96	.....
2677	1		1905	8 90	.....
2677	1		1905	9 84	.....
2677	1		1905	10 78	.....
2677	1		1905	11 71	.....
2677	1		1905	12 65	.....
2677	1		1905	13 59	.....
2677	1		1905	14 53	.....
2677	1		1905	39 06	.....
2677	1		1905	148 45	.....
2677	1		1905	78	.....
2677	1		1905	6 25	.....
2677	1		1905	16 40	.....
2677	1		1905	15 15	.....
2677	1		1905	14 06	.....
2677	1		1905	12 96	.....
2677	1		1905	11 71	.....
2677	1		1905	10 62	.....
2677	1		1905	9 53	.....
2677	1		1905	8 43	.....
2677	1		1905	7 34	.....
2677	1		1905	6 25	.....
2677	1		1905	5 00	.....
2677	1		1905	3 75	.....
2678	1		1903	37 23	.....
2678	1		1904	39 32	.....
2678	1		1903	263 62	.....
2678	1		1904	361 78	.....
2678	1		1903	74 47	.....
2678	1		1904	204 48	.....
2678	1		1904	103 81	.....
2678	1		1904	94 37	.....
2678	1		1905	28 12	.....
2678	1		1905	26 56	.....
2678	1		1905	23 43	.....
2678	1		1905	18 75	.....
2678	1		1905	14 06	.....
2678	1		1905	12 50	.....
2678	1		1905	50 00	.....
2678	1		1905	17 18	.....
2678	1		1905	132 82	.....
2678	1		1905	25 00	.....
2678	1		1905	20 31	.....
2678	1		1905	103 13	.....
2678	1		1905	35 94	.....
2678	1		1905	78 13	.....
2678	1		1905	57 81	.....
2678	1		1905	59 38	.....
2678	1		1905	60 94	.....
2678	1		1905	51 56	.....
2678	1		1905	53 12	.....
2678	1		1905	54 69	.....
2678	1		1905	56 25	.....
2678	1		1905	78 13	.....
2678	1		1905	18 75	.....
2678	1		1905	18 75	.....
2678	1		1905	18 75	.....
2678	1		1905	82 81	.....
2678	1		1905	82 81	.....
2678	1		1905	21 87	.....
2678	1		1905	28 12	.....
2678	1		1905	18 75	.....
2678	1		1905	26 56	.....
2678	1		1905	18 75	.....
2678	1		1905	56 25	.....
2678	1		1905	23 43	.....
2678	1		1905	21 87	.....
2688	44	Public School No. 110	1895	.....	124 22
2695	1	Park, Greenpoint	1903	104 26	.....
2695	1		1904	110 10	.....
2695	1		1905	14 06	.....
2695	1		1905	78 13	.....
2696	1		1903	14 89	.....
2696	1		1904	25 95	.....
2696	1		1903	74 47	.....
2696	1		1904	124 10	.....
2696	1		1904	27 37	.....
2696	1		1905	25 78	.....
2696	1		1905	50 00	.....
2696	1		1905	34 38	.....
2696	1		1905	103 13	.....
2696	1		1905	5 46	.....
2708	1		1905	273 46	.....
2708	1		1905	75 00	.....
2708	1	Park, Greenpoint	1905	109 38	.....
2709	1		1903	14 89	.....
2709	1		1904	22 02	.....
2709	1		1905	18 75	.....
2709	1		1905	21 87	.....
2709	1		1905	10 93	.....
2709	1		1905	25 00	.....
2709	1		1905	71 88	.....
2709	1		1905	171 89	.....
2709	1		1905	21 87	.....
2709	1		1905	39 06	.....
2710	1		1905	226 58	.....
2710	1		1905	44 53	.....
2710	1		1905	28 90	.....
2710	1		1905	18 75	.....
2710	1		1905	318 77	.....
2710	1		1905	37 50	.....
2710	1		1905	195 33	.....
2711	1		1905	60 94	.....
2711	1		1905	215 64	.....
2711	1		1905	1 56	.....
2711	1		1905	31 25	.....
2711	1		1905	56 25	.....
2711	1		1905	121 88	.....
2711	1		1905	78 13	.....
2717	1		1903	10 42	.....
2717	1		1904	28 31	.....
2717	1		1905	203 14	.....
2717	1		1905	112 51	.....
2717	1		1905	62 50	.....
2717	1		1905	206 26	.....
2717	1		1905	28 12	.....
2723	38	Fire Department, Richardson st	1905	15 62	.....
2723	38		1903	8 93	.....
2723	38		1904	15 72	.....
2727	1	Public School No. 51	1901	35 82	.....
2755	18	Public School No. 23	1892	.....	113 89
2759	1	Public School No. 132	1901	35 82	.....
2759	1		1901	59 71	.....
2759	1		1897	.....	24 09
2759	1		1899	21 27	.....
2759	1		1900	27 85	.....
2759	1		1901	28 66	.....
2759	1		1897	.....	24 09
2759	1		1899	21 27	.....
2759	1		1900	27 85	.....
2759	1		1901	28 66	.....
2759	1		1897	.....	24 09
2759	1		1899	21 27	.....
2759	1		1900	27 85	.....
2759	1		1901	28 66	.....
2759	1		1897	.....	24 09
2759	1		1899	21 27	.....
2759	1		1900	27 85	.....
2759	1		1901	28 66	.....
2759	1		1897	.....	24 09
2759	1		1899	21 27	.....
2759	1		1900	27 85	.....
2759	1		1901	28 66	.....
2759	1		1897	.....	24 09
2759	1		1899	21 27	.....
2759	1		1900	27 85	.....
2759	1		1901	28 66	.....
2759	1		1897	.....	33 46
2759	1		1899	29 55	.....
2759	1		1900	34 81	.....
2759	1		1901	35 82	.....
2759	1		1897	.....	21 41
2759	1		1899	18 91	.....
2759	1		1900	23 21	.....
2759	1		1901	23 88	.....
2759	1		1897	.....	21 41
2759	1		1899	18 91	.....
2759	1		1900	23 21	.....
2759	1		1901	23 88	.....
2759	1		1897	.....	21 41
2759	1		1899	18 91	.....
2759	1		1900	23 21	.....
2759	1		1901	23 88	.....
2759	1		1899	23 64	.....
2759	1		1900	27 85	.....
2759	1		1901	28 66	.....
2759	1		1897	.....	8 03
2759	1		1899	7 09	.....
2759	1		1899	9 45	.....
2759	1		1900	23 21	.....
2759	1		1901	23 88	.....
2759	1		1899	37 82	.....
2759	1		1900	37 13	.....
2759	1		1901	38 21	.....
2759	1		1899	49 64	.....
2759	1		1900	48 74	.....
2759	1		1901	50 15	.....
2759	1		1899	54 37	.....
2759	1		1900	53 38	.....
2759	1		1901	54 93	.....
2762	21	Public place	1906	59 96	.....
2762	21		1906	44 59	.....
2762	21		1906	29 21	.....
2762	21		1906	67 65	.....
2762	21		1906	59 96	.....
		Section 10.			
2811	1	School site	1907	74 57	.....
2827	36	Police Precinct	1890	.....	2 43
2727	36		1891	.....	2 41
2827	36		1890	.....	21 86
2827	36		1891	.....	21 72
2827	36		1890	.....	26 71
2827	36		1891	.....	26 55
2827	36		1890	.....	21 86
2827	36		1891	.....	21 72
2831	25	Vacant	1899	14 18	.....
2831	25		1900	13 92	.....
2831	25		1901	14 33	.....
2831	25		1902	14 12	.....
2831	25		1903	8 94	.....
2831	25		1904	9 43	.....
2831	25		1905	9 37	.....
2831	25		1903	40 90	.....
2831	25		1894	.....	37 60
2831	25		1895	.....	39 35

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
2831	25	Vacant	1896	.....	46 32
2831	25		1897	.....	48 18
2831	25		1906	9 22	.....
2831	25		1907	13 98	.....
2866	32	Engine House	1889	.....	16 74
2906	1	Wood Point Park	1894	.....	112 81
2906	1		1895	.....	118 04
2908	1	Cooper Park	1895	.....	335 76
2908	1		1895	.....	65 58
2908	1		1895	.....	23 61
2908	1		1895	.....	125 91
2908	1		1895	.....	393 47
2912	1		1897	.....	42 83
2912	1		1899	.....	37 82
2912	1		1900	.....	37 13
2912	1		1901	38 21	.....
2912	1		1902	37 65	.....
2912	1		1903	23 83	.....
2999	1		1907	142 97	.....
3013	4	Public School 88	1892	.....	83 54
3027	18	Public School 117	1889	.....	90 86
3027	18		1889	.....	27 63
3031	47	Fire Department	1883	.....	1 46
3031	47		1884	.....	1 38
3058	11	Public Bath	1882	.....	117 88
3058	11		1883	....	133 65
3058	11		1884	.....	136 33
3058	11		1885	.....	151 15
3058	11		1886	.....	138 74
3058	11		1887	.....	145 05
3058	11		1888	.....	143 35
3058	11		1889	.....	156 69
3058	11		1890	.....	136 41
3058	11		1891	.....	135 54
3058	11		1892	.....	148 01
3058	11		1893	.....	152 32
3058	11		1894	.....	139 94
3058	11		1895	.....	146 61
3058	11		1896	.....	143 58
3058	11		1897	.....	149 90
3058	11		1899	132 39	.....
3058	11		1900	129 98	.....
3058	11		1901	133 75	.....
3058	11		1902	105 90	.....
3058	11		1903	52 13	.....
3058	11		1903	14 89	.....
3058	11		1904	78 64	.....
3058	11		1905	1,093 84	.....
3058	11		1906	1,153 26	.....
3058	11		1907	1,165 56	.....
3069	7 & 8	Public School 43	1902	28 24	.....
3069	7 & 8		1903	17 87	.....
3069	7 & 8		1904	34 60	.....
3069	7 & 8		1902	30 59	.....
3069	7 & 8		1903	29 78	.....
3069	7 & 8		1904	31 45	.....
3069	7 & 8		1905	65 63	.....
3069	7 & 8		1906	84 57	.....
3069	7 & 8		1907	85 47	.....
3069	7 & 8		1908	116 91	.....
3069	7 & 8		1909	173 78	.....
3077	11	Public School 141	1901	167 19	.....
3077	11		1901	83 59	.....
3077	11		1901	42 99	.....
3077	11		1901	83 59	.....
3077	11		1901	33 43	.....
3077	11		1901	95 54	.....
3077	11		1901	95 54	.....
3077	11		1901	100 31	.....
3091	1	Public School 147	1903	29 78	.....
3091	1		1903	59 57	.....
3091	1		1903	134 05	.....
3091	1		1903	11 91	.....
3091	1		1903	44 68	.....
3091	1		1903	17 87	.....
3091	1		1903	44 68	.....
3091	1		1903	67 03	.....
3091	49		1907	404 06	.....
3098	19	Library	1906	38 44	.....
3098	19		1907	64 11	.....
3098	19		1907	38 85	.....
3098	19		1906	53 81	.....
3098	19		1907	35 74	.....
3098	19		1907	34 18	.....
3098	19		1906	153 76	.....
3098	19		1907	69 93	.....
3098	19		1906	61 50	.....
3098	19		1907	49 73	.....
3102	23	Fire Department	1894	.....	20 06
		Section 11.			
3136	24	Public School 24	1907	69 93	.....
3136	24		1907	77 70	.....
3153	22	Public School 145	1903	11 91	.....
3153	22		1903	11 91	.....
3153	22		1903	11 91	.....
3153	22		1903	14 89	.....
3153	22		1903	10 42	.....
3153	22		1903	10 42	.....
3153	22		1903	10 42	.....
3153	22		1903	10 42	.....
3197	1	City Baths	1905	39 06	.....
3197	1		1905	23 43	.....
3197	1		1905	23 43	.....
3198	1	Bushwick Park	1891	.....	69 98
3198	1		1891	.....	209 95
3198	1		1891	.....	18 10
3198	1		1891	.....	202 71
3198	1		1891	.....	98 94
3210	1	Public School 123	1903	13 40	.....
3241	18	Public Library	1903	302 35	.....
3241	18		1904	319 31	.....
3241	18		1905	1,093 84	.....
3241	18		1906	1,537 69	.....
3241	18		1907	1,554 08	.....
3241	54	Public School 74	1895	.....	91 64
3241	54		1895	.....	52 36
3246	5	Police Station 20	1892	.....	68 73
3281	22	Fire Department	1906	3 84	.....
3281	22		1906	7 68	.....
3281	22		1906	15 37	.....
3281	22		1906	15 37	.....
3299	1	Public place	1906	38 44	.....
3299	1		1907	62 16	.....
3314	3	Public School 75	1906	61 50	.....
3314	4		1906	61 50	.....
3314	5		1906	61 50	.....
3314	6		1906	61 50	.....
3343	29	Fire Department	1906	21 52	.....
3360	49	Fire Department, Truck 12	1892	.....	13 19
3360	49		1893	.....	13 58
3362	98	Public school site	1907	1,330 68	.....
3377	1	Public School 106	1893	.....	86 91
3377	1		1894	.....	104 81
3377	1		1895	.....	109 80
3405	1	Irving Square Park	1895	.....	784 31
3429	3	Fire Department Engine Co	1896	.....	19 20
3481	..	Eastern Parkway	1896	.....	95 97
3483	..	Highland boulevard	1896	.....	129 64
3485	..		1896	.....	242 75
3486	..		1896	.....	121 35
3487	20	Repair yard	1904	72 35	.....
3487	20		1904	72 35	.....
3487	20		1904	62 91	.....
3487	..	Sunnyside ave.	1896	.....	23 44
3488	..	Highland boulevard	1896	.....	66 19
		Section 12.			
3500	21	Police and comfort station	1897	.....	24 02
3500	21		1899	21 27	.....
3500	21		1900	20 89	.....
3500	21		1901	21 49	.....
3500	21		1897	.....	16 02
3500	21		1899	14 18	.....
3500	21		1900	13 92	.....
3500	21		1901	14 33	.....
3500	21		1897	.....	16 02
3500	21		1899	14 18	.....
3500	21		1900	13 92	.....
3500	21		1901	14 33	.....
3507	5	Fire Department	1903	20 85	.....
3507	5	Fire Department	1904	62 91	.....
3507	7	Public School 84	1905	62 50	.....
3507	7		1906	61 50	.....
3507	7		1903	20 85	.....
3507	7		1907	101 01	.....
3507	7		1908	133 61	.....
3507	7		1909	139 02	.....
3507	7		1897	.....	85 41
3507	7		1899	75 65	.....
3507	7		1905	93 75	.....
3520	76	In bed of Sutter ave	1904	7 86	.....
3524	13	City Bath	1902	23 53	.....
3542	..	In bed of Sutter ave	1904	6 29	.....
3542	..		1904	7 86	.....
3543	..		1904	7 86	.....
3543	..		1904	12 58	.....
3546	11	Public School 66	1905	56 25	.....
3546	11		1905	56 25	.....
3546	11		1905	40 62	.....
3546	11		1905	29 69	.....
3546	11		1905	43 75	.....
3546	11		1905	56 25	.....
3622	23	Public School 165	1907	9 32	.....
3622	23		1907	9 32	.....
3622	23		1907	9 32	.....
3622	23		1907	18 64	.....
3622	23		1907	15 54	.....
3622	23		1907	15 54	.....
3622	23		1907	15 54	.....
3622	23		1907	20 20	.....
3622	23		1907	6 22	.....
3622	23		1907	12 43	.....
3622	23		1907	12 43	.....
3622	23		1907	12 43	.....
3661	1	Public School 61	1891	.....	3 03
3661	1		1892	.....	4 29
3661	9	Fire Department	1890	.....	5 33
3661	9		1890	.....	2 43
3661	9		1891	.....	2 42
3661	9		1892	.....	3 76
3662	13	Public School 76	1891	.....	21 18
3662	13		1892	.....	18 79
3704	6	Public School Site	1911	149 17	.....
3704	10		1911	221 13	.....
3704	4		1910	133 76	.....
3704	4		1911	129 34	.....
3704	4		1912	149 60	.....
3708	15	Police Precinct	1890	.....	45 30
3708	15		1890	.....	20 65
3708	15		1891	.....	43 94
3708	15		1891	.....	20 57
3708	15		1892	.....	18 24
3744	9	Public School 150	1905	31 25	.....
3744	9		1905	50 00	.....
3744	9		1905	31 25	.....
3744	9		1905	50 00	.....
3744	9		1905	53 12	.....
3744	9		1905	31 25	.....
3744	9		1905	53 12	.....
3744	9		1905	31 25	.....
3744	9		1905	53 12	.....
3744	9		1905	31 25	.....
3774	16	Public School 149	1904	108 54	.....
3793	1	Park	1896	.....	344 77
3796	15	Public School 109	1905	103 13	.....
3796	15		1907	72 19	.....
3829	1	Playground	1895	.....	125 36
		Section 13.			
3886	1	Boulevard, Hendrix st	1900	58 02	.....
3886	1		1901	59 71	.....
3886	1		1902	47 07	.....
3898	24	Park, Sunnyside ave	1906	109 17	.....
3899	1	Park, Jamaica ave	1906	668 89	.....
3900	1		1906	166 07	.....
3900	12	Park, Sunnyside ave	1906	123 01	.....
3900	14		1906	476 68	.....
3901	1	Park, Jamaica ave	1906	307 53	.....
3901	15		1906	768 84	.....
3902	1	Force Tube ave., Park	1906	46 13	.....
3923	52	Library, Arlington ave	1905	112 51	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
3968	40	Fire Department, Liberty ave.....	1889	.....	10 06
3968	40		1889	.....	4 31
3968	40		1890	.....	4 25
3968	40		1891	.....	4 24
3968	40		1892	.....	3 76
4100	1	Truants' Home, Jamaica ave.....	1897	.....	74 74
4100	1		1899	66 19	.....
4100	1		1900	64 99	.....
4100	1		1901	66 87	.....
4100	1		1902	65 89	.....
4100	1		1903	52 13	.....
4142	1	Water Works, Logan st.....	1886	.....	164 14
4142	1		1886	.....	96 67
4142	1		1886	.....	64 48
4142	1		1887	.....	92 27
4142	1		1888	.....	90 02
4142	1		1889	.....	98 42
4142	1		1890	.....	97 15
4142	1		1891	.....	96 82
4142	1		1892	.....	85 88
4155	1	Water Works, Magneta st.....	1886	.....	34 25
4155	1		1886	.....	26 84
4156	13	Water Works, Fountain ave.....	1886	.....	18 10
4158	1	Water Works, Glen st.....	1889	.....	8 61
4158	1		1890	.....	8 50
4158	1		1891	.....	8 47
4158	1		1892	.....	7 51
4194	20	Fire Department, Liberty ave.....	1894	.....	23 94
4216	1	Public School No. 159.....	1909	27 80	.....
4216	1		1910	29 03	.....
4216	1		1907	6 99	.....
4216	1		1908	13 36	.....
4216	1		1907	31 08	.....
4216	1		1908	13 36	.....
4216	1		1911	35 10	.....
4216	1		1912	41 14	.....
4219	13	Real estate, Conduit ave.....	1907	12 98	.....
4221	1	Public place	1907	1 55	.....
4264	51	Water Works, Blake ave.....	1900	34 81	.....
4264	51		1901	16 71	.....
4264	51		1902	16 47	.....
4264	51		1900	16 24	.....
4264	51		1901	4 77	.....
4264	51		1902	4 70	.....
4265	1	Water Works, Holl st.....	1900	69 63	.....
4265	1		1901	28 66	.....
4265	1		1902	28 24	.....
4279	61	Water Works, Dumont ave.....	1900	1,160 56	.....
4279	61		1901	1,194 26	.....
4279	61		1902	1,176 76	.....
4280	1	Water Works, Holly st.....	1900	128 82	.....
4280	1		1901	52 54	.....
4280	1		1902	51 77	.....
		Section 14.			
4459	1	Water Works	1900	81 93	.....
4459	1		1901	26 27	.....
4459	1		1902	25 88	.....
4460	1	Water Works	1900	30 17	.....
4460	1		1901	10 74	.....
4460	1		1902	10 59	.....
4460	1		1902	7 06	.....
		Section 15.			
4622	..	In bed of street.....	1903	29	.....
4622	..		1904	31	.....
4622	..		1905	31	.....
4656	..	In bed of Utica ave.....	1894	.....	1 46
4685	..	In bed of street.....	1901	40 60	.....
4685	..		1902	42 36	.....
4685	..		1903	37 23	.....
4685	..		1904	39 32	.....
4685	..		1905	12 50	.....
4793	..	In bed of Kingston ave.....	1911	24 57	.....
4793	..		1911	2 10	.....
4793	..		1911	2 10	.....
4793	..		1911	1 93	.....
4800	..	In bed of street.....	1911	3 51	.....
4808	..		1894	.....	1 09
4808	..		1895	.....	1 56
4808	..		1896	.....	1 32
4808	..		1897	.....	1 39
4808	..		1893	.....	1 11
4812	1	County building, Kingston ave.	1894	.....	336 52
4816	..	In bed of Kingston ave.....	1911	10 53	.....
4817	1	County building, Kingston ave.....	1894	.....	109 74
4870	..	In bed of E. 34th st.....	1906	23	.....
4870	..		1907	47	.....
4870	..		1908	75	.....
4870	..		1906	19	.....
4870	..		1907	6 60	.....
4870	..		1908	7 27	.....
4870	..		1906	19	.....
4870	..		1907	6 60	.....
4870	..		1908	7 27	.....
4870	..		1906	19	.....
4870	..		1907	6 60	.....
4870	..		1908	7 27	.....
4871	..		1907	1 55	.....
4871	..		1907	1 41	.....
4871	..		1907	7 16	.....
4871	..		1907	78	.....
4871	..		1907	3 42	.....
4871	..		1907	70	.....
4871	..		1907	70	.....
4871	..		1907	86	.....
4871	..		1908	1 83	.....
4871	..		1908	1 58	.....
4871	..		1908	8 09	.....
4871	..		1908	91	.....
4871	..		1908	4 34	.....
4871	..		1908	92	.....
4871	..		1908	91	.....
4871	..		1908	1 08	.....
4905	..	In bed of E. 35th st.....	1911	18 43	.....
4905	..		1911	3 51	.....
4905	..		1911	7 02	.....
4905	..		1911	3 51	.....
4905	..		1911	40 37	.....
4906	..		1911	24 57	.....
4906	..		1911	12 28	.....
4906	..		1911	8 77	.....
4906	..	In bed of E. 35th st.....	1911	7 02	.....
4906	..		1911	3 51	.....
4965	16	School, E. 32d st.....	1896	.....	58 10
		Section 16.			
5033	4	Engine house	1895	.....	16 88
5056	..	In bed of Bedford ave.....	1902	47 07	.....
5065	..	In bed of street.....	1902	98 84	.....
5086	13	Library	1904	278 40	.....
5089	31	Engine house	1896	.....	22 45
5103	10	Erasmus Hall High School.....	1902	40 01	.....
5103	10		1901	32 24	.....
5103	10		1901	38 21	.....
5103	10		1902	67 07	.....
5103	10		1902	37 65	.....
5103	10		1902	35 30	.....
5103	10		1902	47 07	.....
5103	..	In bed of street.....	1903	29 78	.....
5129	11	In bed of E. 28th st.....	1911	10 53	.....
5129	11		1912	11 22	.....
5137	..	In bed of Beverly rd.....	1904	1 57	.....
5213	..	In bed of Foster ave.....	1900	4 64	.....
5213	..		1901	4 77	.....
5213	..		1902	4 70	.....
5213	..		1903	4 46	.....
5213	..		1904	4 71	.....
5213	..		1905	4 68	.....
5229	9	Engine Co.....	1897	.....	9 72
5229	9		1899	354 63	.....
5257	1	Public School 154.....	1906	6 15	.....
5285	21	Engine Co.....	1895	.....	27 44
5319	1	Public School 130.....	1900	32 49	.....
5319	1		1900	23 21	.....
5319	1		1900	25 53	.....
5319	1		1900	92 84	.....
5319	1		1900	46 42	.....
5321	..	In bed of E. 7th st.....	1905	7 81	.....
5321	..		1906	1 92	.....
5321	..		1907	17 40	.....
5321	..		1908	18 78	.....
5323	..		1895	.....	15 95
5323	..		1896	.....	13 35
5337	58	In bed of Church ave.....	1911	23 69	.....
5337	58		1912	28 05	.....
5337	29	In bed of Church ave.....	1910	8 44	.....
5337	29		1911	14 04	.....
5337	29		1912	14 96	.....
5338	33		1903	1 04	.....
5338	33		1904	1 10	.....
5338	33		1905	1 09	.....
5338	33		1906	1 07	.....
5338	33		1912	3 74	.....
5338	33		1907	1 55	.....
5338	33		1908	3 34	.....
5338	33		1909	3 47	.....
5338	33		1910	3 62	.....
5338	33		1911	20 18	.....
5338	33		1912	3 74	.....
5367	..	In bed of 38th st.....	1903	7 44	.....
5367	..		1904	7 86	.....
5367	..		1905	7 81	.....
5416	48	Public School 134.....	1896	.....	32 75
		Section 17.			
5519	1	Public School 48.....	1907	116 55	.....
5600	1	Public School 164	1907	133 65	.....
5653	21	Public School 160.....	1907	133 65	.....
5671	1	Public School 103.....	1895	.....	14 69
5702	1	Public School	1907	6 21	.....
5716	Street	10th ave.....	1901	4 77	.....
5716	Street		1902	4 70	.....
5716	Street		1903	4 46	.....
5716	Street		1904	4 71	.....
5719	22	Fire Department	1895	.....	6 12
5739	st.	63d st.....	1902	94	.....
5757	1	Shore driveway	1896	.....	51 64
5757	1		1897	.....	8 20
5757	1		1900	8 12	.....
		Section 18.			
5781	..	In bed of street.....	1897	.....	56 76
5781	..		1895	.....	15 07
5781	..		1896	.....	47 69
5781	..		1897	.....	44 15
5833	1	Bay Ridge parkway.....	1895	.....	482 23
5843	1		1895	.....	2 00
5845	1		1896	.....	5 11
5845	1		1896	.....	4 09
5845	1		1896	.....	2 72
5845	1		1896	.....	2 38
5845	1		1896	.....	2 38
5845	1		1896	.....	8 52
5845	1		1896	.....	1 36
5845	1		1896	.....	34
5845	1		1896	.....	1 36
5845	1		1896	.....	1 36
5845	1		1896	.....	2 72
5845	1		1896	.....	5 11
5845	1		1896	.....	27 25
5845	1		1896	.....	68
5845	1		1896	.....	40 87
5846	1		1896	.....	34
5846	1		1896	.....	2 72
5846	1		1896	.....	4 09
5846	1		1896	.....	13 62
5846	1		1896	.....	57 22
5854	..	In 68th street.....	1905	35 94	.....
5850	30	School Site, 4th ave.....	1910	450 12	.....
5850	30	Bay Ridge High School site.....	1910	38 11	.....
5859	1	Bay Ridge parkway.....	1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	18 20
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	9 10

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
5859	1	Bay Ridge parkway	1895	.....	9 10
5859	1		1895	.....	9 10
5859	1		1895	.....	5 15
5859	1		1895	.....	7 58
5859	1		1895	.....	7 58
5859	1		1895	.....	7 59
5859	1		1895	.....	8 79
5859	1		1895	.....	8 79
5859	1		1895	.....	7 58
5859	1		1895	.....	7 58
5859	1		1895	.....	7 59
5859	1		1895	.....	7 58
5859	1		1895	.....	7 59
5859	1		1895	.....	7 58
5859	1		1895	.....	7 58
5859	1		1895	.....	7 59
5859	1		1895	.....	7 58
5859	1		1895	.....	7 58
5859	1		1895	.....	7 58
5859	1		1895	.....	7 59
5859	1		1895	.....	12 13
5859	1		1895	.....	12 13
5922	1	Park, Fort Hamilton ave	1903	3 72	.....
5922	1		1903	5 21	.....
5922	1		1903	3 72	.....
5922	1		1903	3 87	.....
5922	1		1903	4 02	.....
5922	1		1903	4 17	.....
5922	1		1903	6 70	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 60	.....
5922	1		1903	2 53	.....
5922	1		1903	2 53	.....
5922	1		1903	2 53	.....
5922	1		1903	2 53	.....
5922	1		1903	2 38	.....
5922	1		1903	2 23	.....
5922	1		1903	2 08	.....
5922	1		1903	1 93	.....
5922	1		1903	1 78	.....
5922	1		1903	1 63	.....
5922	1		1903	1 48	.....
5922	1		1903	1 34	.....
5922	1		1903	1 19	.....
5922	1		1903	1 04	.....
5922	1		1903	7 44	.....
5922	1		1903	14	.....
5922	1		1903	29	.....
5922	1		1903	29	.....
5922	1		1903	44	.....
5922	1		1903	44	.....
5922	1		1903	104 26	.....
5933	1		1903	148 94	.....
5944	1		1903	104 26	.....
5944	25		1903	8 93	.....
5954	100		1903	67 02	.....
5956	..	In bed of Shore rd	1895	.....	15 17
5956	..		1895	.....	75 82
5964	100	Park, Fort Hamilton ave	1903	4 46	.....
5964	101		1903	4 46	.....
5964	102		1903	5 95	.....
6003	1	Bay Ridge parkway	1895	.....	74 02
6003	..	In bed of Shore rd	1895	.....	44 41
6040	..	In bed of 87th st	1908	212 10	.....
6036	1	Police Department, 5th ave	1904	70 78	.....
6037	99	Police Department, 86th st	1895	.....	8 88
6043	1	Public School site	1908	25 05	.....
6043	1		1908	50 11	.....
6043	1		1908	15 86	.....
6043	1		1908	31 73	.....
6043	1		1908	15 86	.....
6043	1		1908	15 86	.....
6043	1		1908	15 86	.....
6043	1		1908	15 86	.....
6043	1		1908	15 86	.....
6043	1		1908	15 86	.....
6043	1		1908	65 13	.....
6054	..	In bed of Gatling pl	1902	9 41	.....
6054	..		1903	8 93	.....
6054	..		1904	9 43	.....
6054	..	In bed of Dahlgren pl	1903	86	.....
6054	..		1904	1 57	.....
6067	..	In bed of 88th st	1894	.....	6 77
6067	..		1895	.....	7 40
6077	1	Bay Ridge Parkway	1895	.....	89 72
6077	1		1895	.....	8 88
6077	1		1895	.....	53 28
6077	1		1895	.....	195 41
6077	1		1895	.....	17 76
6077	1		1895	.....	8 88
6077	1		1895	.....	216 13
6097	..	In bed of 11th ave	1904	20 45	.....
		Section 19.			
6180	1	School	1901	2 86	.....
6180	1		1901	2 86	.....
6180	1		1901	2 86	.....
6180	1		1901	2 86	.....
6180	1		1901	2 86	.....
6180	1		1901	5 97	.....
6180	1		1901	4 77	.....
6180	1		1901	4 77	.....
6180	1		1901	4 77	.....
6180	1		1901	4 77	.....
6180	1		1901	4 77	.....
6180	1		1901	4 77	.....
6180	1		1901	4 77	.....
6180	1	School	1901	4 77	.....
6180	1		1901	5 97	.....
6180	1		1901	2 86	.....
6180	1		1901	2 86	.....
6180	1		1901	2 86	.....
6180	1		1901	2 86

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
6611	35	Kings County Park Lands	1893	.....	8 39
6611	35		1912	119 68	.....
6632	..	In bed of Gravesend ave	1899	8 51	.....
6632	..		1900	9 28	.....
6632	..		1895	.....	4 94
6632	..		1896	.....	4 68
6632	..		1897	.....	4 90
6642	..	In bed of Coney Island ave	1899	9 45	.....
6642	..		1900	11 60	.....
6642	..		1901	16 36	.....
6642	..		1902	11 76	.....
6642	..		1903	25 32	.....
6657	..	In bed of Gravesend ave	1899	12 76	.....
6657	..		1900	13 92	.....
6657	..		1895	.....	7 41
6657	..		1896	.....	7 02
6657	..		1897	.....	7 35
6667	53	School site	1911	47 38	.....
6667	53		1911	47 38	.....
6722	..	In bed of Coney Island ave	1899	11 82	.....
6722	..		1900	13 92	.....
6722	..		1901	19 64	.....
6722	..		1902	14 12	.....
6722	..		1903	23 83	.....
6722	..	In bed of street	1910	2 72	.....
6727	1	School site	1899	4 72	.....
6727	1		1900	4 64	.....
6727	1		1901	10 47	.....
6727	1		1902	9 41	.....
6727	1		1903	8 93	.....
6727	1		1904	11 01	.....
6727	1		1905	10 93	.....
6737	..	In bed of Avenue M	1911	13 60	.....
6740	25	Public School	1907	87 03	.....
6740	..	In bed of Coney Island ave	1899	9 45	.....
6740	..		1900	9 28	.....
6740	..		1901	13 09	.....
6740	..		1902	9 41	.....
6740	..		1903	23 83	.....
6749	..		1899	10 63	.....
6749	..		1900	11 60	.....
6749	..		1901	16 36	.....
6749	..		1902	11 76	.....
6749	..		1903	40 21	.....
6794	..		1899	14 18	.....
6794	..		1900	13 92	.....
6794	..		1901	19 64	.....
6794	..	In bed of Coney Island ave	1902	14 12	.....
6794	..		1903	29 78	.....
6820	23	Pumping Station W. W	1909	465 73	.....
6820	23		1910	486 41	.....
6820	23		1905	23 43	.....
6820	23		1906	46 13	.....
6820	23		1906	9 22	.....
6820	23		1906	9 22	.....
6820	23		1906	18 45	.....
6820	23		1905	53 12	.....
6820	23		1906	61 50	.....
6820	23		1905	21 09	.....
6820	23		1906	41 52	.....
6820	23		1905	7 03	.....
6820	23		1906	10 76	.....
6820	23		1906	18 45	.....
6820	23		1906	9 22	.....
6820	23		1907	335 68	.....
6820	23		1908	497 72	.....
6820	23		1911	593 19	.....
6820	23		1912	632 06	.....
6822	23		1905	17 19	.....
6822	23		1906	27 68	.....
6822	23		1906	5 38	.....
6822	23		1906	4 61	.....
6822	23		1906	10 76	.....
6822	23		1906	30 75	.....
6822	23		1905	28 12	.....
6822	23		1907	590 55	.....
6822	23		1908	661 40	.....
6822	23		1909	688 16	.....
6822	23		1910	718 73	.....
6822	23		1911	1,535 64	.....
6822	23		1912	1,636 25	.....
		Section 21.			
6859	67	Fire Department, 86th st	1895	.....	3 29
6859	67		1895	.....	3 29
7020	16	Public School No. 80	1903	53 62	.....
7048	..	In bed of West 33d st	1900	9 28	.....
7048	..		1901	13 09	.....
7064	38	Fire Department, West 15th st	1895	.....	268 92
7064	38		1896	.....	39 11
7064	38		1897	.....	85 77
7112	..	In bed of Coney Island ave	1901	16 36	.....
7112	..		1902	11 76	.....
7112	..		1903	11 91	.....
7071	..	In bed of West 23d st	1911	131 61	.....
7123	48	Corporation Yard	1900	23	.....
7123	48		1901	32	.....
7123	48		1902	23	.....
7123	48		1903	14	.....
7123	48		1904	15	.....
7123	48	Corporation Yard, etc	1905	15	.....
7123	48		1906	15	.....
7136	..	In bed of Coney Island ave	1899	8 51	.....
7136	..		1900	9 28	.....
7136	..		1901	13 09	.....
7136	..		1902	9 41	.....
7136	..		1903	9 68	.....
7191	..	In bed of Shell rd	1904	15	.....
7191	..		1905	15	.....
7191	..		1906	15	.....
7191	..		1906	46	.....
7220	1	Hospital, Ocean Parkway	1907	24 86	.....
7220	1		1908	83 51	.....
7220	1		1900	11	.....
7220	1		1901	16	.....
7220	1		1903	07	.....
7220	1		1905	07	.....
7220	1		1906	12 75	.....
7220	1		1909	86 89	.....
7220	45		1907	35 74	.....
7220	45		1908	116 91	.....
7220	45	Hospital, Ocean Parkway	1900	12	.....
7220	45		1901	16	.....
7220	45		1903	07	.....
7220	45		1905	08	.....
7220	45		1906	17 84	.....
7220	45		1909	121 64	.....
7220	52		1909	107 74	.....
7221	1		1909	147 71	.....
7221	1		1906	21 68	.....
7221	1		1907	57 50	.....
7221	1		1908	141 96	.....
7221	16	Hospital Manhattan court	1909	12 16	.....
7221	16		1906	5 38	.....
7221	16		1906	1 84	.....
7221	16		1907	4 66	.....
7221	16		1908	11 69	.....
7224	..	In bed of Coney Island ave	1899	8 51	.....
7224	..		1900	9 28	.....
7224	..		1901	13 09	.....
7224	..		1902	9 41	.....
7224	..		1903	9 68	.....
7239	65	Hospital	1904	15	.....
7239	65		1904	15	.....
7239	65		1908	13 86	.....
7239	65		1909	15 64	.....
7240	46		1907	93	.....
7240	46		1908	6 68	.....
7240	46		1909	6 95	.....
7241	1		1900	23	.....
7241	1		1901	32	.....
7241	1		1902	23	.....
7241	1	Hospital	1903	14	.....
7241	1		1904	15	.....
7241	1		1905	15	.....
7241	1		1906	15	.....
7241	1		1907	9 32	.....
7241	1		1908	66 80	.....
7241	1		1909	69 51	.....
7241	30		1907	3 10	.....
7241	30		1908	40 08	.....
7241	30		1909	41 70	.....
7241	53		1907	15	.....
7241	53		1908	1 67	.....
7241	53		1909	1 73	.....
7241	85		1907	93	.....
7241	85		1908	11 69	.....
7241	85		1909	12 16	.....
7241	95		1907	31	.....
7241	95		1908	1 67	.....
7241	95		1909	1 73	.....
7244	..	In bed of Coney Island ave	1899	17 96	.....
7244	..		1900	18 56	.....
7244	..		1901	26 19	.....
7244	..		1902	18 82	.....
7244	..		1903	17 87	.....
7261	47	Pumping station	1905	1 56	.....
7261	47		1894	.....	8 06
7261	47		1895	.....	8 94
7261	47		1896	.....	4 25
7261	47		1897	.....	3 81
7261	47		1899	2 70	.....
7261	47		1900	2 79	.....
7261	47		1901	3 92	.....
7261	47		1902	2 81	.....
7261	47		1903	3 12	.....
7261	47		1904	4 09	.....
7279	290	Police Department	1896	.....	195 52
7279	290		1897	.....	300 21
7279	290		1893	.....	94 25
7279	300	Fire Department	1896	.....	52 15
7279	300	Fire Department	1897	.....	34 31
7281	1	Public School 100	1896	.....	260 75
7281	1		1897	.....	428 88
7281	1		1902	4 00	.....
7281	1		1902	7 06	.....
7281	1		1908	38 41	.....
7281	1		1908	5 01	.....
7281	1		1908	30 06	.....
7281	1		1902	3 76	.....
7281	1		1902	14 12	.....
7281	1		1902	11 76	.....
		Section 22.			
7319	37	Police Station	1903	5 95	.....
7319	37		1904	6 29	.....
7319	37		1903	18 61	.....
7319	37		1904	19 66	.....
7319	37		1903	8 93	.....
7319	37		1904	9 43	.....
7344	..	In bed of E. 12th st	1905	3 91	.....
7344	..		1905	8 59	.....
7344	..		1905	6 25	.....
7346	29	Water Works	1896	.....	57 22
7346	29		1897	.....	59 84
7346	29		1899	52 01	.....
7346	29		1900	58 02	.....
7346	29		1901	81 84	.....
7346	29		1902	58 83	.....
7346	29		1903	59 57	.....
7346	29		1904	67 63	.....
7346	29		1905	67 19	.....
7346	29		1906	127 62	.....
7346	29		1907	128 98	.....
7346	29		1899	9 46	.....
7346	29		1900	11 60	.....
7346	29		1901	13 09	.....
7346	29	Water works	1902	9 41	.....
7346	29		1903	5 95	.....
7346	29		1904	6 29	.....
7346	29		1905	6 25	.....
7346	29		1906	12 30	.....
7346	29		1907	12 43	.....
7346	29		1908	197 08	.....
7346	29		1908	23 38	.....
7346	29		1909	248 50	.....
7346	29		1910	259 54	.....
7347	22	Water works	1896	.....	214 57
7347	22		1897	.....	224 41
7347	22		1901	32	.....
7347	22		1902	23	.....
7347	22		1903	14	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
7347	22	Water works	1904	15	.....
7347	22		1905	15	.....
7347	22		1906	15	.....
7347	22		1907	310 81	.....
7347	22		1899	5 91	.....
7347	22		1900	11 60	.....
7347	22		1901	13 09	.....
7347	22		1902	16 47	.....
7347	22		1903	11 91	.....
7347	22		1904	14 15	.....
7347	22		1905	14 06	.....
7347	22		1906	27 67	.....
7347	22		1907	27 97	.....
7347	22		1908	417 55	.....
7347	22		1908	45 09	.....
7347	22		1909	552 62	.....
7347	22		1910	577 16	.....
7348	47	Water works	1896	.....	26 01
7348	47		1897	.....	27 20
7348	47		1900	23	.....
7348	47		1901	32	.....
7348	47		1902	23	.....
7348	47		1903	14	.....
7348	47		1904	15	.....
7348	47		1905	15	.....
7348	47		1906	15	.....
7348	47		1907	15	.....
7348	47		1899	2 36	.....
7348	47		1900	3 01	.....
7348	47		1901	3 60	.....
7348	47		1902	2 35	.....
7348	47		1903	1 48	.....
7348	47		1904	2 35	.....
7348	47		1905	2 34	.....
7348	47		1906	2 30	.....
7348	47		1907	2 33	.....
7348	47		1908	98 54	.....
7348	47		1908	8 35	.....
7348	47		1909	111 21	.....
7348	47		1910	116 15	.....
7372	..	In bed of East 12th st	1904	8 65	.....
7374	2	Water Works	1896	.....	9 88
7374	2		1897	.....	10 34
7374	2		1899	8 98	.....
7374	2		1900	27 85	.....
7374	2		1901	39 28	.....
7374	2		1902	33 53	.....
7374	2		1903	14 89	.....
7374	2		1904	15 72	.....
7374	2		1905	15 62	.....
7374	2		1906	23 06	.....
7374	2		1907	23 31	.....
7374	2		1908	33 40	.....
7374	2		1909	38 23	.....
7374	2		1910	39 92	.....
7441	..	In bed of Avenue Z	1911	17 55	.....
7442	11	Public School No. 98	1896	.....	1 04
7442	11		1896	.....	1 82
7442	11		1896	.....	1 30
7442	11		1896	.....	1 30
7442	11		1896	.....	1 30
7442	11		1896	.....	1 30
7442	11		1896	.....	1 30
7442	11		1896	.....	1 30
7442	11		1896	.....	1 30
7442	11		1896	.....	1 30
7442	11		1896	.....	1 82
7442	11		1896	.....	1 04
7453	40	Gravesend Sewers, Disposal Plant	1909	86	.....
7453	40		1910	90	.....
7453	40		1900	46	.....
7453	40		1901	65	.....
7453	40		1902	47	.....
7453	40		1903	29	.....
7453	40		1904	31	.....
7453	40		1905	31	.....
7453	40		1906	30	.....
7453	40		1907	31	.....
7453	40		1908	33	.....
7453	40		1911	8 77	.....
7453	40		1912	9 35	.....
7516	..	In bed of Shore boulevard	1908	167 02	.....
7516	..		1908	250 53	.....
		Section 23.			
7551	36	Public School 152	1905	1 56	.....
7551	36		1905	121 88	.....
7652	1	In bed of Kings Highway	1908	8 35	.....
7652	1		1909	8 68	.....
7655	25		1909	62 56	.....
7655	25		1899	16 54	.....
7655	25		1900	16 24	.....
7655	25		1901	17 06	.....
7655	25		1902	16 47	.....
7655	25		1903	10 42	.....
7655	25		1904	23 59	.....
7655	25		1905	23 43	.....
7655	25		1906	26 14	.....
7655	25		1907	26 41	.....
7655	25		1908	60 12	.....
7669	21		1909	86 89	.....
7669	21		1899	18 91	.....
7669	21		1900	18 56	.....
7669	21		1901	19 50	.....
7669	21		1902	18 82	.....
7669	21		1903	11 91	.....
7669	21		1904	15 72	.....
7669	21		1905	15 62	.....
7669	21		1906	30 75	.....
7669	21		1907	31 08	.....
7669	21		1908	83 51	.....
7681	5		1909	43 44	.....
7681	5		1899	9 45	.....
7681	5		1900	9 28	.....
7681	5		1901	9 75	.....
7681	5		1902	9 41	.....
7681	5		1903	5 95	.....
7681	5		1904	7 86	.....
7681	5		1905	7 81	.....
7681	5	In bed of Kings Highway	1906	12 30	.....
7681	5		1907	12 43	.....
7681	5		1908	41 75	.....
7682	11	In bed of Kings Highway	1909	60 82	.....
7682	11		1899	14 18	.....
7682	11		1900	13 92	.....
7682	11		1901	14 62	.....
7682	11		1902	14 12	.....
7682	11		1903	8 93	.....
7682	11		1904	11 01	.....
7682	11		1905	10 93	.....
7682	11		1906	16 91	.....
7682	11		1907	17 09	.....
7682	11		1908	58 45	.....
7683	14		1909	60 82	.....
7683	14		1899	14 18	.....
7683	14		1900	13 92	.....
7683	14		1901	14 62	.....
7683	14		1902	14 12	.....
7683	14		1903	8 93	.....
7683	14		1904	11 01	.....
7683	14		1905	10 93	.....
7683	14		1906	15 37	.....
7683	14		1907	15 54	.....
7683	14		1908	58 45	.....
7685	21		1909	41 70	.....
7685	21		1899	11 82	.....
7685	21		1900	11 60	.....
7685	21		1901	12 18	.....
7685	21		1902	11 76	.....
7685	21		1903	7 44	.....
7685	21		1904	7 86	.....
7685	21		1905	7 81	.....
7685	21		1906	12 30	.....
7685	21		1907	12 43	.....
7685	21		1908	40 08	.....
7764	1	Park, Avenue J and East 38th st	1905	328 15	.....
7764	1		1906	476 68	.....
7786	1	Public School 119	1902	7 06	.....
7786	1		1903	8 78	.....
7786	1		1903	7 44	.....
7786	1		1902	3 53	.....
7786	1		1903	4 02	.....
7786	1		1902	7 06	.....
7786	1		1903	8 04	.....
7786	1		1903	8 04	.....
7786	1		1902	3 53	.....
7786	1		1903	4 02	.....
7786	1		1902	7 05	.....
7786	1		1903	8 78	.....
7786	1		1902	7 06	.....
7786	1		1903	7 44	.....
7786	1		1903	7 44	.....
7786	1		1903	5 95	.....
7786	1		1902	6 11	.....
7786	1		1903	5 95	.....
7786	1		1902	6 11	.....
7786	1		1903	5 95	.....
7786	1		1902	7 06	.....
7812	40	Public school site	1908	41 75	.....
7859	..	In bed of Kimballs lane	1899	4 72	.....
7859	..		1900	4 64	.....
7859	..		1901	4 87	.....
7859	..		1902	4 70	.....
7859	..		1903	8 93	.....
7859	..		1904	14 15	.....
7859	..		1905	14 06	.....
7859	..		1906	27 67	.....
7859	..		1907	27 97	.....
7859	..		1908	46 76	.....
		Section 24.			
7916	38	In bed of Canarsie lane	1909	9 55	.....
7916	38		1899	5 60	.....
7916	38		1900	5 80	.....
7916	38		1901	6 09	.....
7916	38		1902	5 88	.....
7916	38		1903	3 72	.....
7916	38		1904	3 93	.....
7916	38		1905	6 25	.....
7916	38		1906	9 99	.....
7916	38		1907	9 32	.....
7916	38		1908	12 52	.....
7917	37		1909	24 32	.....
7917	37		1899	6 73	.....
7917	37		1900	6 73	.....
7917	37		1901	7 06	.....
7917	37		1902	6 82	.....
7917	37		1903	4 31	.....
7917	37		1904	4 71	.....
7917	37		1905	9 37	.....
7917	37		1906	13 83	.....
7917	37		1907	12 43	.....
7917	37		1908	23 38	.....
7919	31	In bed of Canarsie lane	1909	15 64	.....
7919	31		1899	6 07	.....
7919	31		1900	5 80	.....
7919	31		1901	6 09	.....
7919	31		1902	5 88	.....
7919	31		1903	3 72	.....
7919	31		1904	3 93	.....
7919	31		1905	6 25	.....
7919	31		1906	9 22	.....
7919	31		1907	9 32	.....
7919	31		1908	15 03	.....
7920	20		1909	3 47	.....
7920	20		1905	3 12	.....
7920	20		1906	3 07	.....
7920	20		1907	3 10	.....
7920	20		1908	3 34	.....
7920	68		1909	5 21	.....
7920	68		1899	1 60	.....
7920	68		1900	1 39	.....
7920	68		1901	1 47	.....
7920	68		1902	1 41	.....
7920	68		1903	89	.....
7920	68		1904	1 26	.....
7920	68		1905	1 95	.....
7920	68		1906	2 69	.....
7920	68		1907	2 72	.....
7920	68		1908	4 17	.....
7921	10		1909	1 73	.....
7921	10		1902	2 35	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
7921	10	In bed of Canarsie lane	1903	74	.....
7921	10		1904	1 57	.....
7921	10		1905	1 56	.....
7921	10		1906	1 53	.....
7921	10		1907	1 55	.....
7921	10		1908	1 67	.....
7941	36		1909	4 34	.....
7941	36		1899	10 56	.....
7941	36		1900	8 58	.....
7941	36		1901	9 01	.....
7941	36		1902	8 70	.....
7941	36		1903	3 72	.....
7941	36		1904	6 29	.....
7941	36		1905	9 37	.....
7941	36		1906	10 76	.....
7941	36		1907	10 87	.....
7941	36		1908	12 52	.....
7965	40		1909	2 60	.....
7965	40		1899	11 93	.....
7965	40		1900	11 60	.....
7965	40		1901	12 18	.....
7965	40		1902	2 35	.....
7965	40		1903	2 23	.....
7965	40		1904	3 14	.....
7965	40		1905	3 12	.....
7965	40		1906	3 07	.....
7965	40		1907	4 66	.....
7965	40		1908	12 52	.....
7967	21		1909	5 21	.....
7967	21		1899	4 51	.....
7967	21		1900	4 64	.....
7967	21		1901	4 87	.....
7967	21		1902	4 70	.....
7967	21		1903	2 97	.....
7967	21		1904	3 14	.....
7967	21		1905	3 12	.....
7967	21		1906	3 07	.....
7967	21		1907	6 99	.....
7967	21		1908	16 70	.....
7968	21		1909	22 59	.....
7968	21		1899	4 87	.....
7968	21		1900	4 64	.....
7968	21		1901	4 87	.....
7968	21		1902	4 70	.....
7968	21		1903	2 97	.....
7968	21		1904	4 71	.....
7968	21		1905	4 68	.....
7968	21		1906	4 61	.....
7968	21		1907	6 99	.....
7968	21		1908	21 71	.....
8038	1	Cemetery, City property	1899	229 33	.....
8117	1	Water works	1899	8 48	.....
8117	1		1900	8 12	.....
8117	1		1901	8 52	.....
8117	1		1902	8 23	.....
8117	1		1903	6 69	.....
8117	1		1904	7 07	.....
8117	1		1905	7 03	.....
8117	1		1906	26 13	.....
8117	1		1907	24 09	.....
8117	1		1908	43 84	.....
8117	1		1909	26 06	.....
8119	29	In bed of Canarsie road	1910	27 22	.....
8119	29		1899	6 95	.....
8119	29		1900	6 96	.....
8119	29		1901	7 31	.....
8119	29		1902	7 06	.....
8119	29		1903	4 46	.....
8119	29		1904	7 86	.....
8119	29		1905	12 50	.....
8119	29		1906	4 30	.....
8119	29		1907	13 98	.....
8119	29		1908	25 05	.....
8119	29		1911	39 48	.....
8119	29		1912	42 07	.....
8160	29	Public School 114	1900	2 32	.....
8160	29		1901	2 43	.....
8160	29		1902	2 35	.....
8160	29		1903	2 23	.....
8160	29		1904	2 35	.....
8160	29		1905	2 34	.....
8160	29		1905	5 46	.....
8160	29		1906	7 68	.....
8160	29		1899	182 04	.....
8160	29		1905	9 37	.....
8163	4	Precinct Police	1899	118 20	.....
8166	33	Fire Department	1904	11 01	.....
8238	10	In bed of Canarsie road	1909	17 37	.....
8238	10		1900	23 21	.....
8238	10		1901	24 37	.....
8238	10		1902	23 53	.....
8238	10		1903	7 43	.....
8238	10		1904	7 86	.....
8238	10		1905	7 81	.....
8238	10		1906	10 76	.....
8238	10		1907	12 43	.....
8238	10		1908	16 70	.....
8256	14	Public School 115	1899	113 48	.....
8256	14		1899	2 36	.....
8256	14		1900	2 32	.....
8256	14		1907	72 26	.....
8275	120	In bed of Canarsie road	1899	28 37	.....
8275	120		1900	27 85	.....
8275	120		1901	29 25	.....
8275	120		1902	28 24	.....
8275	120		1903	13 40	.....
8275	120		1904	14 15	.....
8275	120		1905	14 06	.....
8275	120		1906	61 50	.....
8275	120		1907	80 81	.....
8275	120		1908	86 85	.....
8295	..		1899	11 82	.....
8295	..		1900	11 60	.....
8295	..		1901	12 18	.....
8295	..		1902	11 76	.....
8296	..	In bed of Canarsie lane	1899	23 64	.....
8296	..		1900	23 21	.....
8296	..		1901	24 37	.....
8296	..		1902	23 53	.....
8296	..		1903	8 93	.....
8296	..		1904	9 43	.....
8296	..		1905	9 37	.....
8296	..		1906	9 22	.....
8296	..		1907	20 98	.....
8296	..		1908	23 38	.....
8599	100	Canarsie Park	1895	.....	24 03
8599	100		1896	.....	42 89
8599	100		1899	120 57	.....
8599	100		1900	83 56	.....
8599	100		1899	71	.....
8599	100		1900	69	.....
8599	100		1899	48	.....
8599	100		1900	46	.....
8599	100		1900	116 05	.....
8599	100		1895	.....	81 85
8599	100		1896	.....	144 77
8599	100		1899	205 68	.....
8599	100		1900	201 93	.....
8599	100		1895	.....	30 26
8599	100		1895	.....	54 11
8599	100		1896	.....	240 53
8599	100		1899	186 77	.....
8599	100		1900	183 36	.....
8599	100		1895	.....	13 18
8599	100		1896	.....	18 01
8599	100		1899	63 83	.....
8599	100		1900	62 67	.....
8599	100		1895	.....	14 88
8599	100		1895	.....	2 09
8599	100		1896	.....	30 33
8599	100		1897	.....	8 75
8599	100		1899	63 83	.....
8599	100		1900	62 67	.....
8599	100		1909	78 20	.....
8599	100		1910	90 74	.....
8599	100	Canarsie Park	1895	.....	21 98
8599	100		1896	.....	46 53
8599	100		1899	158 40	.....
8599	100		1900	155 51	.....
8599	100		1899	3 54	.....
8599	100		1900	3 48	.....
8599	100		1899	8 51	.....
8599	100		1900	8 35	.....
8599	100		1901	8 77	.....
8599	100		1902	8 47	.....
8599	100		1903	5 36	.....
8599	100		1904	5 66	.....
8599	100		1905	5 62	.....
8599	100		1906	6 91	.....
8599	100		1907	17 09	.....
8599	100		1908	40 08	.....
8599	100		1895	.....	35 15
8599	100		1896	.....	53 26
8599	100		1899	141 85	.....
8599	100		1900	139 26	.....
8599	100		1895	.....	16 71
8599	100		1896	.....	33 10
8599	100		1899	118 21	.....
		Section 25.			
8559	75	Sewerage System	1910	45 37	.....
8591	1000	Public School 120	1899	659 62	.....
8591	1000		1900	647 59	.....
8591	1000		1904	78 64	.....
8591	1000		1905	218 76	.....
8591	1000		1906	215 27	.....
8591	1000		1907	233 11	.....
8591	1000		1908	233 82	.....
8591	1000		1909	243 29	.....
8591	1000		1910	272 24	.....
8591	1000		1911	280 80	.....
8591	1000		1912	317 90	.....
		Totals		$311,153 93	$47,534 89

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE.

Taxes Levied Against Property of The City of New York.

Borough of Queens.

Ward 1, Volume 1.

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
23	1	Site for Gas Plant	1905	31 10	.....
32	6	Police Station 275	1901	80 13	.....
32	6		1899	16 37	.....
32	6		1901	221 54	.....
32	6	Sale	1909	.....	16 42
32	6		1901	346 47	.....
46	3	Engine Co. 158	1902	51 00	.....
		Ward 1, Volume 2.			
75	1	Public School 1	1904	73 87	.....
75	1	Sale	1892	.....	29 01
75	1	Sale	1895	.....	342 46
75	1	Sale	1896	.....	45 69
75	1	Sale	1909	.....	158 18
82	1	Site for Municipal Building	1904	255 40	.....
		Ward 1, Volume 3.			
20	5	Water Works	Sale 1887	.....	9 17
20	5		Sale 1888	.....	6 70
20	5		Sale 1890	.....	6 25
20	5		Sale 1892	.....	5 44
20	5		Sale 1894	.....	9 50
20	5		Sale 1897	.....	13 16
20	5		Sale 1909	.....	15 36
21	12		Sale 1887	.....	11 37
21	12		Sale 1888	.....	4 51
21	12		Sale 1890	.....	4 34
21	12		Sale 1892	.....	3 79
21	12		Sale 1894	.....	8 20
21	12		Sale 1897	.....	11 28
21	12		Sale 1909	.....	47 24
35	21		Sale 1887	.....	12 45
35	21		Sale 1888	.....	5 77
35	21		Sale 1890	.....	5 39
35	21		Sale 1892	.....	4 68
35	21		Sale 1894	.....	6 80
35	21		Sale 1897	.....	9 42

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
35	21	Water works	Sale 1909	.....	44 38
36	1		Sale 1887	.....	12 95
36	1		Sale 1890	.....	5 39
36	1		Sale 1892	.....	4 72
36	1		Sale 1894	.....	8 60
36	1		Sale 1897	.....	9 48
36	1		Sale 1909	.....	45 29
52	11		Sale 1887	.....	13 74
52	11		Sale 1888	.....	6 86
52	11		Sale 1890	.....	5 25
52	11		Sale 1892	.....	4 71
52	11		Sale 1894	.....	3 60
52	11		Sale 1897	.....	7 07
52	11		Sale 1909	.....	87 15
		Ward 1, Volume 4.			
127	23	Public School 2	Sale 1894	.....	10 60
		Ward 1, Volume 5.			
161	6	Engine Co. 159	Sale 1892	.....	5 00
161	6		Sale 1894	.....	7 20
181	1	Water Works	Sale 1894	.....	217 50
181	1		Sale 1897	.....	40 02
181	1		Sale 1909	.....	185 04
		Ward 1, Volume 6.			
265	10	Public School 80	1901	167 32	.....
265	33	Engine Co. 159	1905	17 10	.....
265	33		1905	15 55	.....
268	25	Engine House	1905	12 44	.....
268	25		1904	12 58	.....
268	25		1903	11 80	.....
268	25		1902	13 91	.....
		Ward 1, Volume 7.			
13	14	Public School 83	1901	18 85	.....
		Ward 1, Volume 9.			
90	10	Public School 4	1904	124 96	.....
98	1	Bryant High School	1901	306 41	.....
98	1		Sale 1909	.....	19 08
110	1	Queensboro Bridge	1907	247 69	.....
111	40		1907	328 20	.....
112	1		1907	92 02	.....
113	1		1907	1,351 22	.....
115	17		1907	296 66	.....
116	14		1907	408 75	.....
117	13		1907	199 37	.....
117	13		Sale 1909	.....	7 81
118	9		1907	190 13	.....
119	11		1907	128 80	.....
120	45		1907	224 95	.....
		Ward 1, Volume 10.			
145	27	Queensboro Bridge	1907	69 72	.....
146	32		1907	341 30	.....
163	25		1907	13 80	.....
163	25		1906	10 49	.....
163	25		1907	4 90	.....
163	25		1906	1 55	.....
163	25		1907	18 40	.....
163	25		1906	13 99	.....
163	25		1905	13 99	.....
163	25		1904	14 15	.....
163	25		1903	13 27	.....
163	25		1902	17 39	.....
163	25		1907	104 39	.....
164	26		1907	73 13	.....
164	26		1900	7 60	.....
164	26		1907	47 53	.....
175	1	Site for electric light plant	1905	1,124 87	.....
175	1		1904	78 61	.....
175	1		1903	73 75	.....
175	1		1902	115 93	.....
175	1		1901	117 85	.....
175	1		1900	117 10	.....
175	1		Sale 1909	.....	64 08
		Ward 1, Volume 11.			
32	30	School site	Sale 1909	.....	3 40
		Ward 1, Volume 12.			
98	18	Public School 5	1905	31 10	.....
98	18		1904	31 44	.....
98	18		1905	9 33	.....
98	18		1904	9 43	.....
98	18		1904	40 87	.....
98	18		1899	32 74	.....
98	18		Sale 1909	.....	85 56
128	1	Public school	1909	20 70	.....
		Ward 1, Volume 13.			
171	24	Public School 6	1905	7 78	.....
171	24		1904	6 28	.....
171	24		1903	5 90	.....
171	24		1904	6 28	.....
171	24		1903	5 90	.....
171	24		1904	6 28	.....
171	24		1903	5 90	.....
171	24		1904	6 28	.....
171	24		1903	5 90	.....
171	24		Sale 1886	.....	41 00
171	24		Sale 1890	.....	11 05
171	24		Sale 1909	.....	9 64
175	4	Hook and Ladder Company 66	1903	5 16	.....
175	4		1902	12 76	.....
		Ward 1, Volume 14.			
206	17	Engine Company 163	1906	17 09	.....
		Ward 1, Volume 15.			
7	34	Water works	1900	23 42	.....
7	34		1899	32	.....
12	35		1900	46 84	.....
12	35		1899	32	.....
18	29		1900	46 84	.....
18	29		1899	32	.....
		Ward 1, Volume 16.			
48	17	Public School 8	1906	233 22	.....
48	17		1905	233 28	.....
48	17		1904	235 84	.....
48	17		1903	221 86	.....
48	17		1902	347 80	.....
48	17		1901	353 55	.....
48	17		1900	351 32	.....
48	17		1899	491 16	.....
48	17		Sale 1890	.....	312 06
48	17		Sale 1892	.....	12 20
48	17		Sale 1895	.....	25 20
48	17		Sale 1909	.....	4 82
		Ward 1, Volume 18.			
154	65	Public School 7	1899	32	.....
154	65		Sale 1897	.....	37 29
154	69, now 65	Public School 7	1900	11 71	.....
154	69, now 65		1899	16 37	.....
154	69, now 65		Sale 1892	.....	9 14
154	69, now 65		Sale 1895	.....	12 65
154	69, now 65		Sale 1909	.....	104 69
197	1	Public School Playground	1906	404 25	.....
197	1		1906	217 67	.....
197	1		1905	217 73	.....
197	1		1904	220 11	.....
		Ward 2, Volume 1.			
49	15	Public School 75	1907	9 20	.....
49	15		Sale 1909	.....	9 22
49	15		Sale 1909	.....	6 22
49	15		Sale 1909	.....	7 22
49	15		Sale 1909	.....	7 22
64	A of 102	Harmon st.	1911	23 27	.....
64	A of 103		1911	3 03	.....
64	St. of 46		1911	17 36	.....
66	5	Public School 71	1902	8 11	.....
66	5		1902	8 11	.....
66	5		1902	8 11	.....
66	5		1902	8 11	.....
66	5		1902	8 11	.....
94	1	Public School 88	1906	186 58	.....
94	Street	In bed of street	1910	45	.....
94	Street	In bed of street	1910	2 26	.....
94	Street	In bed of street	1910	10 86	.....
94	Street	In bed of street	1910	3 63	.....
94c	Street	In bed of street	1910	12 68	.....
		Ward 2, Volume 2.			
161	24	Public School 68	1905	32 65	.....
161	24		1905	27 22	.....
189	100	Water Department	1900	58 55	.....
189	100		Sale 1909	.....	343 00
189	100		Sale 1909	.....	130 02
189	100		Sale 1909	.....	381 34
189	100		Sale 1909	.....	349 04
189	100		Sale 1909	.....	328 95
189	100		Sale 1909	.....	148 85
189	100		Sale 1909	.....	34 24
189	100		Sale 1909	.....	590 91
189	100		Sale 1909	.....	459 93
189	100		Sale 1909	.....	4,813 25
189	100		Sale 1909	.....	3,855 05
189	100		Sale 1909	.....	93 79
190	10	Pipe Line	1908	8 30	.....
190	10		1907	7 66	.....
190	10		1906	7 77	.....
190	10		1905	7 77	.....
190	10		1904	7 86	.....
190	10		1903	7 37	.....
190	10		1902	11 59	.....
195	40	Reservoir	1900	58 55	.....
195	40		1900	1,990 83	.....
		Ward 2, Volume 3.			
45	1	Public School 67	1907	6 13	.....
45	1		1906	4 66	.....
45	1		1907	48 30	.....
45	1		1906	33 40	.....
45	1		1905	26 43	.....
56	47	Public School 91	1907	138 05	.....
		Ward 2, Volume 4.			
17	23	Public School 86	1905	81 63	.....
		Ward 2, Volume 7.			
25	19	Public School 78	1904	628 91	.....
25	19		1903	590 03	.....
25	19		1902	924 01	.....
25	19		1901	728 31	.....
25	19		1900	39 76	.....
		Ward 2, Volume 9.			
12	68	Public Library	1903	73 75	.....
		Ward 2, Volume 12.			
42	25	Public School 72 (Leverich map, lot 101 to 104)	Sale 1895	.....	6 87
42	25		Sale 1895	.....	6 36
42	25		Sale 1895	.....	6 09
42	25		Sale 1895	.....	6 09
42	25		Sale 1892	.....	4 88
42	25		Sale 1892	.....	4 88
42	25		Sale 1892	.....	4 88
42	25		Sale 1892	.....	4 88
42	25		Sale 1889	.....	3 33
42	25		Sale 1889	.....	3 33
42	25		Sale 1889	.....	3 33
42	25		Sale 1889	.....	3 33
42	25		Sale 1889	.....	4 15
42	25		Sale 1889	.....	4 15
42	25		Sale 1889	.....	4 15
42	25		Sale 1889	.....	4 15
42	25		Sale 1886	.....	4 44
42	25		Sale 1886	.....	4 44
42	25		Sale 1886	.....	4 44
42	25		Sale 1886	.....	4 44
42	25		Sale 1883	.....	3 37
42	25		Sale 1883	.....	3 37
42	25		Sale 1883	.....	3 37
42	25		Sale 1883	.....	3 37
42	25		Sale 1884	.....	3 45
42	25		Sale 1884	.....	3 45
42	25		Sale 1884	.....	3 45
42	25		Sale 1884	.....	3 45
		Ward 2, Volume 18.			
146	109	Sewer Department	1900	9 36	.....
		Ward 2, Volume 8.			
56	5	Cemetery, City of New York	1901	14 14	.....
56	5		1900	14 05	.....
56	5		1899	19 64	.....
		Ward 3, Volume 1.			
32	72	Public Library	1908	415 07	.....
32	72		1907	383 48	.....
32	72		1906	388 71	.....
32	72		1905	388 80	.....
32	72		1904	113 20	.....
32	72		1903	20 65	.....
32	150	Park	1900	2 34	.....
35	1	Public School 27	1904	28 30	.....
35	1		1899	13 10	.....
35	1		1900	28 10	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
35	1	Public School 27	1904	14 15	.....
35	1		1900	9 36	.....
		Ward 3, Volume 3.			
14	30	School site	1911	989 77	.....
		Ward 3, Volume 4.			
57	59	Fire Department	1901	47 14	.....
57	59		1900	46 84	.....
58	39	Armory	1908	996 18	.....
58	39		1907	383 48	.....
58	39		1906	388 71	.....
58	125	Public Park	1908	199 23	.....
58	125		1907	153 39	.....
58	125		1906	155 48	.....
58	125		1905	155 52	.....
58	125		1904	157 22	.....
58	125		1903	147 50	.....
58	125		1902	231 87	.....
58	125		1901	235 70	.....
		Ward 3, Volume 6.			
214	87	Water Works	1900	117 10	.....
		Ward 3, Volume 7.			
227	1	Truant School	1906	684 12	.....
227	1		1905	388 80	.....
		Ward 3, Volume 4.			
65	11	Public Library	1905	6 22	.....
65	11		1904	6 28	.....
65	11		1903	5 90	.....
65	11		1905	12 44	.....
65	11		1904	12 57	.....
65	11		1903	11 80	.....
65	11		1905	155 52	.....
65	11		1904	72 32	.....
65	11		1903	22 12	.....
65	11		1903	26 55	.....
65	11		1905	15 55	.....
65	11		1904	15 72	.....
65	11		1903	17 70	.....
65	11		1905	4 66	.....
65	11		1904	4 71	.....
65	11		1903	4 42	.....
69	1	Public School 20	1903	22 12	.....
		Ward 3, Volume 6.			
212	7	Police Department	1907	199 41	.....
212	7		1907	61 35	.....
		Ward 3, Volume 8.			
250	34	Health Department	1904	130 49	.....
250	34		1903	73 75	.....
		Ward 3, Volume 11.			
150	15	Public School 79	1901	47 14	.....
		Ward 3, Volume 15.			
173	1	Fire Department	1906	3 11	.....
		Ward 4, Volume 3.			
130	35	Forest Park	1899	32	.....
130	35	Sale	1909	.....	157 61
130	35	Sale	1909	.....	5 68
180	9	Fire Department	1900	46 84	.....
190	57	Public School 56	1907	23 00	.....
200	56	Public Library	1904	102 19	.....
		Ward 4, Volume 4.			
242	15	Darias Hose Co	1903	3 68	.....
		Ward 4, Volume 5.			
359	38	Woodhaven Fire Department	1909	41 40	.....
		Ward 4, Volume 6.			
404	29	Americus Hook and Ladder Co.	1899	32	.....
		Ward 4, Volume 7.			
469	16	Public School	1899	32	.....
506	22	School Sale	1909	.....	17 56
506	22	Sale	1896	.....	14 20
		Ward 4, Volume 11.			
832	40	Fire Department	1900	23	.....
832	40		1899	32	.....
835	71	Fire Department	1899	32	.....
		Ward 4, Volume 12.			
890	46	Fire Department	1900	23	.....
890	46		1899	32	.....
		Ward 4, Volume 14.			
1044	102	Fire Department	1901	18 85	.....
1044	102		1900	18 73	.....
		Ward 4, Volume 21.			
1711	1	School	1901	330 92	.....
1711	1		1900	7 60	.....
		Ward 4, Volume 29.			
2661	10	Sewerage System	1904	133 64	.....
		Ward 4, Volume 37.			
3565	1	Water Works	1900	105 39	.....
		Ward 4, Volume 41.			
4002	36	Sewerage System	1907	1 53	.....
		Ward 4, Volume 46.			
4825	1	Water Works	1899	32	.....
		Ward 5, Volume 1.			
21	20	Public School	1899	153 89	.....
		Ward 5, Volume 3.			
20	33	Disposal Plant	1899	49 11	.....
		Totals		$26,750 85	$14,149 99

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE.

Taxes Levied Against Property of The City of New York.

Borough of Richmond.

Ward 1, District 1, Plot 1.

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
3	71	Library	1906	1,019 74	.....
3	71		1907	116 56	.....
		Ward 1, District 1, Plot 2.			
4	133	Borough Hall	1903	344 25	.....
6	35	High School site	1900	1,110 36	.....
		Ward 1, District 1, Plot 3.			
3	21	Fire Department Company 5	1906	46 62	.....
9	15	Public School 16	1905	7 79	.....
9	15		1906	7 77	.....
9	15		1907	7 84	.....
9	15		1908	13 68	.....
9	15		1909	14 20	.....
9	15		1910	15 00	.....
9	15	Public School 16	1911	14 53	.....
9	15		1912	15 36	.....
		Ward 1, District 1, Plot 6.			
6	22, now 20	Curtis High School	1902	1,121 53	.....
		Ward 1, District 1, Plot 7.			
1a	50	Department Street Cleaning	1902	18 69	.....
1a	50		1903	12 72	.....
1a	51		1902	58 41	.....
1a	51		1903	38 91	.....
3	25		1902	23 36	.....
3	25		1903	14 96	.....
		Ward 1, District 2, Plot 4.			
2	28	School site	1907	37 65	.....
		Ward 1, District 5, Plot 1.			
2	52	Silver Lake Park	1903	22 45	.....
2	52		1904	23 89	.....
2	52		1905	23 37	.....
2	52		1906	23 31	.....
2	52		1907	23 53	.....
2	52		1908	38 50	.....
2	52		1909	39 94	.....
2	52		1910	42 18	.....
2	52		1911	40 87	.....
2	52		1912	44 16	.....
6	9a		1902	10 51	.....
6	9a		1903	7 48	.....
6	9a		1904	7 96	.....
6	9a		1905	7 79	.....
6	9a		1906	7 77	.....
6	9a		1907	14 11	.....
6	9a		1908	17 11	.....
6	9a		1909	17 75	.....
6	10		1902	128 50	.....
6	10		1903	89 80	.....
6	10		1904	95 56	.....
6	10		1905	93 49	.....
6	10		1906	93 25	.....
6	10		1907	141 19	.....
6	10		1908	236 13	.....
6	10		1909	244 98	.....
6	56		1902	3 50	.....
6	56		1903	2 61	.....
6	56		1904	3 18	.....
6	56		1905	3 11	.....
6	56		1906	3 10	.....
6	56		1907	7 84	.....
6	56		1908	8 55	.....
6	56		1909	8 87	.....
6	60		1902	58 41	.....
6	60		1903	40 41	.....
6	60		1904	39 82	.....
6	60		1905	38 95	.....
6	60		1906	38 85	.....
6	60		1907	23 53	.....
6	60		1908	42 77	.....
6	60		1909	44 38	.....
		Ward 1, District 5, Plot 2.			
1	7	Silver Lake Park	1902	140 19	.....
1	7		1903	104 77	.....
1	7		1904	111 49	.....
1	7		1905	109 07	.....
1	7		1906	108 79	.....
1	7		1907	141 19	.....
1	7		1908	171 11	.....
1	7		1909	177 52	.....
1	57		1896	.....	8 86
1	57		1902	175 23	.....
1	57		1903	123 48	.....
1	57		1904	127 42	.....
1	57		1905	124 65	.....
1	57		1906	124 33	.....
1	57		1907	164 72	.....
1	57		1908	179 67	.....
1	57		1909	186 39	.....
2	7a		1897	.....	68 90
2	7a		1899	130 88	.....
2	7a		1900	119 91	.....
2	7a		1902	63 08	.....
2	7a		1903	44 90	.....
2	7a		1904	47 78	.....
2	7a		1905	46 74	.....
2	7a		1906	46 62	.....
2	7a		1907	47 06	.....
2	7a		1908	85 55	.....
2	7a		1909	88 76	.....
2	7B		1897	.....	80 39
2	7B		1899	152 69	.....
2	7B		1900	139 90	.....
2	7B		1901	148 17	.....
2	7B		1902	88 78	.....
2	7B		1903	62 86	.....
2	7B		1904	71 67	.....
2	7B		1905	70 11	.....
2	7B		1906	69 93	.....
2	7B		1907	70 59	.....
2	7B		1908	154 00	.....
2	7B		1909	159 76	.....
2	8		1902	81 77	.....
2	8		1903	57 61	.....
2	8		1904	63 71	.....
2	8		1905	62 32	.....
2	8		1906	62 16	.....
2	8		1907	94 13	.....
2	8		1908	145 44	.....
2	8		1909	150 89	.....
2	9		1902	4 67	.....
2	9		1903	3 36	.....
2	9		1904	3 98	.....
2	9		1905	3 89	.....
2	9		1906	3 88	.....
2	9		1907	7 84	.....
2	9		1908	11 97	.....
2	9		1909	12 42	.....
2	10		1902	18 69	.....
2	10		1903	13 47	.....
2	10		1904	14 33	.....
2	10		1905	14 02	.....
2	10		1906	13 98	.....
2	10		1907	23 53	.....
2	10		1908	59 89	.....
2	10		1909	62 13	.....

Block.	Lot.	Use of Property.	Year.	Taxes. 1899 and Subsequent Years.	Taxes. 1898 and Prior Years.
		Ward 1, District 5, Plot 3.			
5	345	Sailors Snug Harbor	1897	.....	14 35
		Ward 1, District 5, Plot 4.			
2	6A	Silver Lake Park	1902	93 46	.....
2	6A		1903	67 35	.....
2	6A		1904	71 67	.....
2	6A		1905	70 11	.....
2	6A		1906	69 93	.....
2	6A		1907	70 59	.....
2	6A		1908	102 66	.....
2	6A		1909	106 51	.....
		Ward 1, District 6, Plot 1.			
4	31	Department of Street Cleaning	1903	74 83	.....
4	31		1904	79 64	.....
		Ward 2, Plot A.			
....	8	City property (ferry)	1910	23 00	.....
		Ward 2, Plot 1.			
....	113	Engine Co. 5	1900	62 18	.....
....	113		1899	12 11	.....
....	113		1891	.....	10 83
....	113		1876	.....	1 71
....	113		1868	.....	13 80
		Ward 2, Plot 4.			
....	685	Public School 14	1899	24	.....
....	698	Library of New York City	1905	101 28	.....
....	859	City property	1899	24	.....
....	860	Fire Department	1912	115 20	.....
....	860		1911	108 99	.....
....	860		1909	97 63	.....
....	860		1908	94 11	.....
....	860		1907	54 90	.....
....	860		1906	54 39	.....
		Ward 2, Plot 7.			
....	335	Public School 32	1900	26 64	.....
		Ward 2, Plot 11.			
....	7	Water tower	1912	38 40	.....
....	7		1911	27 24	.....
....	7		1910	46 87	.....
....	7		1909	44 38	.....
....	7		1908	42 77	.....
....	7		1891	.....	16 05
....	7		1897	.....	18 24
		Ward 3.			
8	223	Library site	1902	105 14	.....
14	387	Public School 20	1895	.....	29 04
14	387		1899	29 08	.....
37	87	Municipal lighting plant	1906	404 09	.....
37	87		1907	407 89	.....
52	735	Fire Department Co. 105	1895	.....	1 56
206	5	Public School 24	1899	24	.....
220	26	Public School 25	1899	1 69	.....
		Ward 3, Plot 27.			
....	99	Public School 26	1903	3 74	.....
....	99		1904	79 64	.....
		Ward 4, Plot 3.			
....	319	Department of Street Cleaning	1907	48 63	.....
		Ward 4, Plot 4.			
....	312	School 13	1909	12 42	.....
....	322		1896	.....	8 46
....	337		1876	.....	5 27
....	337		1877	.....	8 82
....	337		1878	.....	2 04
....	337		1879	.....	12 78
....	337		188[redacted]	.....	6 30
....	337		1881	.....	1 52
....	337		1883	.....	1 66
....	337		1909	7 10	.....
		Ward 4, Plot 6.			
....	175	School 34	1902	86 45	.....
		Ward 4, Plot 12.			
....	629	Engine Company 1	1906	31 08	.....
		Ward 4, Plot 14.			
....	121	School 12	1873	.....	90
....	121		1876	.....	76
		Ward 4, Plot 34.			
....	80	School 10	1894	.....	1 40
....	80		1895	.....	2 76
....	80		1896	.....	1 86
....	80		1897	.....	5 82
		Ward 4, Plot 36.			
....	155	School 28	1906	15 54	.....
		Ward 4, Plot 54.			
....	226	School 8	1899	24	.....
		Ward 5, Plot Z. M.			
13	465	Carnegie Library	1902	4 67	.....
7	113	Carnegie Library	1897	.....	2 44
17	5	Engine Company 201	1912	25 92	.....
33	140	Public School 2	1899	24	.....
52	350	Public School 3	1899	24	.....
80	255	Dock	1904	6 37	.....
81	16	Public School 4	1899	24	.....
85	49	Public School 31	1903	2 99	.....
M. P. 14	10	Department of Highways	1899	24	.....
M. P. 23	116	Public School 7	1899	24	.....
M. P. 23	116		1906	158 53	.....
M. P. 26	100	Public School 5	1899	24	.....
		Totals		$14,323 44	$326 52

Law Department—Transfer of Appropriation (Cal. No. 47A).

The Secretary presented the following:

City of New York, Law Department, Office of the Corporation Counsel, New York, July 1, 1913.

The Honorable the Board of Estimate and Apportionment of The City of New York:

Sirs—I request that the following transfer be made in the appropriations to this Department for the year 1912:

FROM

97—1912	Compensation and Expenses in Proceedings for Review of Assessments of Special Franchises	$952 64
96—1912	Expenses in Actions and Proceedings Brought by or Against Public Utility Corporations, Including Deficiencies	3,898 30
95—1912	Disbursements in Proceedings to Review Assessments for Taxation, Including Deficiencies	2,611 15
		$7,462 09

TO

90—1912	Supplies and Materials	$95 50
92—1912	Contingencies, General	7,366 59
		$7,462 09

The transfer to "Supplies and Materials" is needed to pay a number of small bills which are outstanding. The transfer to "General Contingencies" is needed to pay the bills of the Sheriffs of the various counties for issuing executions which, it is estimated, will amount to about $6,000, and to pay several experts in contract litigation, whose bills amount to about $2,500. Yours very truly,

ARCHIBALD R. WATSON, Corporation Counsel.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 17, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 1, 1913, the Corporation Counsel requested transfer of funds within the 1912 appropriation to his office. In connection therewith I report as follows:

The requested transfer is as follows:

FROM

Contingencies.

97	Compensation and Expenses in Proceedings for Review of Assessments of Special Franchises	$952 64
96	Expenses in Action and Proceedings Brought by or Against Public Utility Corporations, Including Deficiencies	3,898 30
95	Disbursements in Proceedings to Review Assessments for Taxation, Including Deficiencies	2,611 15
		$7,462 09

TO

90	Supplies and Materials	$95 50
	Contingencies.	
92	General	7,366 59
		$7,462 09

The Corporation Counsel states that he has on file in his office a bill for $112.95 for typewriters, which is properly chargeable to No. 90, and in which there is only a balance of $17.45. He will accordingly require $95.50 additional in the account to meet the liability. He further states that the balance in No. 92 is insufficient to the extent of $7,366.59 by reason of the fact that there is due $6,000 on account of Sheriff's fees, and $2,500 to pay engineering experts who had been employed in contract litigation. The balances in Nos. 95, 96 and 97 are sufficient to permit of the transfers.

In view of the foregoing I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Law Department for the year 1912, as follows:

FROM

Contingencies.

97	Compensation and Expenses in Proceedings for Review of Assessments of Special Franchises	$952 64
96	Expenses in Actions and Proceedings Brought by or Against Public Utility Corporations, including Deficiencies	3,898 30
95	Disbursements in Proceedings to Review Assessments for Taxation, including Deficiencies	2,611 15
	TO	
90	Supplies and Materials	$95 50
	Contingencies.	
92	General	7,366 59

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Water Supply, Gas and Electricity—Modification of Schedules and Transfer of Appropriation (Cal. No. 47B).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, New York, July 3, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment*, 277 Broadway, New York City:

Dear Sir—The appropriation for 1913 for Building Materials, Collection and Storage, is practically exhausted, and there is immediate need of more money in that account. The account for General Plant Materials has a sufficient balance, however, to take care of the deficiency in the other account.

I therefore respectfully request that the Board of Estimate and Apportionment make the transfer indicated below:

FROM

Materials, General Plant Materials.

794—1913 Water Supply, Collection and Storage $1,000 00

TO

Materials, Building Materials.

791—1913 Water Supply, Collection and Storage $1,000 00

Yours very truly, F. T. PARSONS, Deputy and Acting Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 17, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 3, 1913, the Deputy and Acting Commissioner of Water Supply, Gas and Electricity, requested transfer of $1,000 within the appropriations made to his department for 1913. In connection therewith I report as follows:

It is proposed to transfer from Materials, General Plant Materials, Water Supply, Collection and Storage, No. 794TW, Tax Levy Allowance, to Materials, Building Materials, Water Supply, Collection and Storage, No. 791TW, Tax Levy Allowance, which is practically exhausted. The purpose of the transfer is to provide for the purchase of materials for repairs. Sufficient balance remains in No. 794 to permit the transfer.

I recommend the adoption of the attached resolutions granting the request and modifying the schedule.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Water Supply, Gas and Electricity for the year 1913, as follows:

FROM

Materials, General Plant Materials, Water Supply, Collection and Storage.

794TW Tax Levy Allowance $1,000 00

TO

Materials, Building Materials, Water Supply, Collection and Storage.

791TW Tax Levy Allowance 1,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of schedules, as revised, for the Department of Water Supply, Gas and Electricity, for the year 1913, as follows:

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Materials, Building Materials, Water Supply.

791TW	Collection and Storage—	
	Tax Levy Allowance	$3,967 00
	Water Revenue Allowance	4,760 00
	Total Allowance	$8,727 00
	Materials, General Plant Materials, Water Supply.	
794TW	Collection and Storage—	
	Tax Levy Allowance	$1,926 80

Water Revenue Allowance	4,115 00
Total Allowance	$6,041 80

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Parks, Manhattan and Richmond—Modification of Schedules and Transfer of Appropriation (Cal. No. 47C).

The Secretary presented the following:

New York Aquarium, Under the Management of the New York Zoological Society, Battery Park, New York, July 9, 1913.

Hon. CHARLES B. STOVER, *Commissioner, Department of Parks, Manhattan and Richmond,* The Arsenal, Central Park, City:

Dear Sir—I have the honor to request the following transfer within the appropriation for the Aquarium for the year 1913:

TO

1612	Repairs	$1,486 30

FROM

1602	Forage and Veterinary Supplies	$636 30
1603	Fuel Supplies	500 00
1613	Lighting Public Buildings	250 00
1616	General Plant Service	100 00
		$1,486 30

In the appropriation for 1913 the sum of $1,050 was allowed under the item 1612, Repairs. On this account there is a balance available for expenditure amounting to $695.21, against which there are liabilities amounting to $1,798.74, caused by an unforeseen breakdown which necessitated the installation of a new ammonia coil and piping and a new 4-inch supply piping under the building. There are some other additional repairs necessary which will bring the liabilities up to $1,486.30.

By the utilization of live steam and adoption of other economic features in the pumping and heating system there has been a slight saving in the fuel item, and $500 may be transferred from that item.

The burning of gas has been entirely eliminated in the building and will be for the remainder of the year, making a probable saving of $250.

A change has been made in the feeding of exhibits and it will be possible to reduce the food bill to some extent. We can safely transfer the above amount from 1602, Forage and Veterinary Supplies.

In making the above requests for transfer I would respectfully call your attention to the fact that much of the equipment at the Aquarium has been installed for many years and that repairs are becoming more frequent; the action of salt water being destructive to piping and machinery.

You may remember that the Aquarium appropriation for 1913 was reduced by $654.50, as compared with the request for the same period, and that 1612, Repairs, was one of the items cut, being reduced by $265.

Respectfully, C. H. TOWNSEND, Director.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 21, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 21, 1913, the Commissioner of Parks, Boroughs of Manhattan and Richmond, requested the transfer of funds within appropriations to the New York Aquarium for the year 1913. In connection therewith I report as follows:

The proposed transfer is as follows:

FROM

Supplies.

1602	Forage and Veterinary Supplies	$636 30
1603	Fuel Supplies	500 00

Contract or Open Order Service, Light, Heat and Power.

1613	Lighting Public Buildings	250 00
1616	General Plant Service	100 00
		$1,486 30

TO

Contract or Open Order Service.

1612	General Repairs	$1,486 30

In the 1913 budget $1,050 was allowed for General Repairs. Of this amount, $695.21 remains unexpended, against which there are liabilities amounting to $1,798.74, caused by an unforeseen breakdown, which required the installation of a new ammonia coil and piping and a new supply piping under the building. Others repairs are necessary which will bring the total liabilities up to the amount of the transfer requested, plus the present balance.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the New York Aquarium for the year 1913, as follows:

FROM

Supplies.

1602	Forage and Veterinary Supplies	$636 30
1603	Fuel Supplies	500 00

Contract or Open Order Service, Light, Heat and Power.

1613	Lighting Public Buildings	250 00
1616	General Plant Service	100 00

TO

Contract or Open Order Service.

1612	General Repairs	$1,486 30

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the New York Aquarium for the year 1913, as follows:

Supplies.

1602	Forage and Veterinary Supplies	$2,334 70
1603	Fuel Supplies	4,050 00

Contract or Open Order Service.

1612	General Repairs	$2,536 30

Light, Heat and Power.

1613	Lighting Public Buildings	$1,410 50
1616	General Plant Service	180 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

District Attorney, Kings County—Modification of Schedules and Transfer of Appropriations (Cal. No. 47D).

The Secretary presented the following:

District Attorney's Office, County of Kings, Brooklyn, New York, June 30, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, The City of New York, 280 Broadway, New York City:*

Dear Sir—I hereby request the following transfer for the office of the District Attorney of Kings County:

From Account No. 3794, 1913, Experts, to Account No. 3800, 1913, Contingencies	$1,400 00
From Account No. 3797, 1913, General Plant Supplies, to Account No. 3800, 1913, Contingencies	110 00
Total	$1,510

Yours very truly, JAMES C. CROPSEY, District Attorney, Kings County.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 17, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 30, 1913, the District Attorney of Kings County requested transfers in the sum of $1,510 within the appropriations to his office for 1913. On July 9, 1913, the District Attorney verbally amended the request to make the amount of the transfer $110. In connection therewith I report as follows:

It is proposed to transfer from Supplies, No. 3797, General Plant Supplies to No. 3800, Contingencies.

The budget appropriation of $3,000 for No. 3800 is exhausted. A credit transfer is requested to replenish the account for the purpose of meeting anticipated miscellaneous liabilities. The appropriation of $110 for No. 3797 is intact and unencumbered, and permits the debit transfer.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the District Attorney of Kings County for the year 1913, as follows:

DISTRICT ATTORNEY, KINGS COUNTY.

FROM

Supplies.

3797	General Plant Supplies	$110 00

TO

3800	Contingencies	$110 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of a schedule, as revised, for the office of the District Attorney, of Kings County, for the year 1913, as follows:

DISTRICT ATTORNEY, KINGS COUNTY.

Supplies.

3797	General Plant Supplies	.....
3800	Contingencies	$3,110 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Finance—Transfer to the General Fund for the Reduction of Taxation of Cash Balances of Various Accounts in the Former City of New York (Cal. No. 48).

The Secretary presented the following:

The City of New York, Department of Finance, Comptroller's Office, July 15, 1913.

To the Honorable Board of Estimate and Apportionment, City of New York:

Dear Sir: For fifteen years or more there have been carried on the books of the City a number of accounts containing balances which have long since lost all significance as regards current activities. Recently, in connection with the work of constructing a new general ledger for the city, accountants have been set to work in the Division of Expert Accounting in this department, to determine the exact character of the balances in the several accounts, which have been designated and codified as "Q—Special and Trust Accounts." All of the balances represent cash and substantially all of the accounts have been inactive for many years past.

In ascertaining the facts upon which to base recommendations for the disposal of the balances in the accounts, it has been found necessary, in many instances, to examine the various statutory enactments under which the accounts were originally created. The laws bearing upon these accounts, so far as they were disclosed in this examination, are shown in a series of reports submitted to the Comptroller within the past few weeks. In these reports, also, the accountants have set forth such other facts as could be gathered from the records in this department.

In every instance, the recommendation is made that the Comptroller certify to the Board of Estimate and Apportionment that the cash balances in the accounts thus far examined are available for transfer to the general fund for the reduction of taxation in the manner provided by section 237 of the City Charter. The accounts referred to in the reports submitted to date and the cash balances in each, are designated upon the books of the city, as follows:

Interest on Assessments, Road or Public Drive, North	$21,724 80
Assessment Commission Awards	7,911 12
Duplicate Assessments Paid	13,362 60
Land Drainage Fund	9,928 80
	$52,927 32

In view of the recommendations contained in the reports of the Division of Expert Accounting referred to, copies of which are herewith appended, I deem it advisable that the Corporation Counsel be requested to furnish the Board of Estimate and Apportionment with his opinion as to the legality of the proposed transfers to the general fund for the reduction of taxation.

Transmitted herewith for your consideration is a resolution in accordance with the within suggestion. Yours very truly,

WM. A. PRENDERGAST, Comptroller.

June 10, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York.*

Sir—An examination is now in progress covering certain inactive accounts carried on the city's books, which have been grouped and designated as "Q" special and trust accounts, for the purpose of determining the nature of the balances contained therein, and reports and recommendations will be made from time to time as each account has been examined and completed.

The account covered in this report is known as "Land Drainage Fund" and the facts as determined and relating to same follow.

The above fund was established under authority of chapter 360 of the Laws of 1880, known as "An Act to provide for the proper drainage of lands in the City of New York," passed May 22, 1880.

"Sec. 4. Upon the confirmation by the Court of the report of the Commissioners of Estimate and Assessment in such proceedings, it shall be the duty of the Board of Estimate and Apportionment of the City of New York, immediately to authorize and direct the Comptroller of said city to issue bonds in behalf of the Mayor * * * * of the City of New York, to the amount necessary to pay the damages awarded to the owners of land for the right of way required for such drains, and to pay for the preparation of plans and surveys and for the fees of the Commissioners of Estimate and Assessment.

"Sec 5. The necessary cost of such drains, together with necessary expenses of levying assessments therefor, shall be levied, assessed and collected in the same manner as authorizd by law for the construction of sewers in said city."

Only one proceeding was begun under authority of this law, for which the following assessment list was confirmed:

"In the matter of acquiring right of way over, under and through certain lands for the Mill Brook Drains" in the 23d Ward, entered in the Supreme Court May 31, 1884, and transmitted for collection to the Collector of Assessments and Arrears June 12, 1884.

The amount was made up of:

Awards for damage	$13,712 84
Taxed Costs (Commrs. fees)	450 00
Total of Assessment as confirmed	$14,162 84

The operation of this fund to December 31, 1912, follows:

LAND DRAINAGE FUND. CASH ACCOUNT.

Receipts.

From assessments collected	$14,141 64	
From assessment bonds	9,950 00	
		$24,091 64

Disbursements.

For account of Commrs. fees	$450 00	
For account of awards	12,473 36	
		12,923 36
Cash balance December 31, 1912		$11,168 28
Liability of the fund as of December 31, 1912:		
Amount of awards included in list as confirmed		$13,712 84
Amount of warrants drawn and paid for account of awards		12,473 36
Balance being due to:		
Owners (known)	$263 36	
Unknown Owners	976 12	
Total liabilities on account of unpaid awards		$1,239 48

The assessment bonds issued in 1884 for account of this fund, to wit: $9,950, and due on or after November 1, 1885, were canceled at maturity pursuant to the following resolution adopted by the Commissioners of the Sinking Fund on October 7, 1885:

"On November 1, 1885, stocks and bonds of the City and County of New York became due and payable amounting to $5,833,317.97.

These stocks and bonds were originally payable at maturity from taxation and assessments under the laws authorizing their issue, but are now payable from the Sinking Fund for the Redemption of the City Debt, under and by authority of a resolution adopted by the Commissioners of the Sinking Fund December 29, 1884, pursuant to the provisions of sections 176 and 177 of the New York City Consolidation Act of 1882, certifying to the Board of Estimate and Apportionment that the revenues and accumulations of said fund for the year 1885 would be sufficient to redeem said bonds and stocks without in any way impairing the preferred claims thereon, as provided by section 175 of said Act of 1882.

The said stocks and bonds are therefore payable from the Sinking Fund for the Redemption of the City Debt. A portion of said bonds and stocks amounting to $2,728,317.97 is held by the Commissioners of the Sinking Fund, who are authorized by section 170 of the New York City Consolidation Act of 1882 to cancel the same in their discretion."

Included in the amount of bonds authorized to be canceled as above, to wit: $2,728,317.97, was the 3 per cent. Assessment Fund bonds (for drains in the 23d Ward) issued in pursuance of section 142 of the New York City Consolidation Act of 1882, payable on or after November 1, 1885, amounting to $9,950.

Inasmuch as the Land Drainage Fund was relieved of the liability of the bonds issued, due to the cancellation of same per foregoing resolution, the cash now to the credit of said fund, and as set forth herein, is unencumbered except for the liability of unpaid awards.

The unencumbered cash balance, therefore, as of December 31, 1912, is as follows:

Cash balance to credit of Fund	$11,168 28
Amount to be reserved for account of unpaid awards	1,239 48
Unencumbered cash balance December 31, 1912	$9,928 80

A question has been raised as to the disposition of this unencumbered cash balance, in view of the fact that the assessment bonds which were credited to this fund, and which under the law were redeemable from the assessments as collected, had been issued to the Commissioners of the Sinking Fund for investment for account of the Sinking Fund for the Redemption of the City Debt No. 1, but were cancelled at maturity by said Commissioners as per resolution hereinbefore set forth. Because of these conditions it may be contended that the aforesaid unencumbered balance (said balance being the cash surplus due to the collection of assessments) should be transferred to the Sinking Fund for the Redemption of the City Debt No. 1, but the reasons advanced against such disposition are as follows:

First. No authority can be found whereby these assessments, as collected, could have been deposited to the credit of the Sinking Fund, or whereby the balance now in the City treasury to the credit of the fund could be transferred thereto.

Second. The Commissioners of the Sinking Fund exercised the authority vested in them by virtue of sections 176 and 177 of the New York City Consolidation Act of 1882 and cancelled these assessment bonds at maturity, in no way impairing the preferred claims upon the Sinking Fund for the Redemption of the City Debt, and no provision was made at that time, or, as far as can be determined, could have been made under existing laws, whereby the cash received from the collection of assessments could have been diverted from the fund as originally established to the Sinking Fund.

Third. Chapter 103, Laws of 1903, provides that

" * * * The board of commissioners of the sinking fund in the year 1903 and in each year thereafter, until all the bonds and stocks which are redeemable from the fund known as 'sinking fund of the city of New York for the redemption of the city debt,' shall have matured, shall set apart out of the revenue and income of said sinking fund, *except the revenue and accumulation thereof derived from assets held by the said sinking fund on January* 1, 1903. * * * *a sum which with the accumulation of interest thereon, together with the assets of said fund, and the earnings and accumulation thereof, shall be sufficient to redeem at maturity all the bonds and stocks of the city of New York, which are redeemable from said sinking fund.*"

The assessments collected for account of "Land Drainage Fund" and which resulted in the unencumbered balance set forth herein, were all received and deposited to the credit of said fund, prior to the passage of the above act, and if authority could be determined whereby the said balance could now be transferred to the Sinking Fund for the Redemption of the City Debt, would have to be considered as an *asset* of said sinking fund, and related back to the period as established by said chapter 103, Laws of 1903, and could not be considered a surplus revenue available for investment in general fund bonds, but, as hereinbefore stated, no authority can be determined, whereby this unencumbered balance could be thus transferred.

There are no outstanding assessments on this improvement according to the records of the Collector of Assessments and Arrears.

After full consideration of the matters hereinbefore mentioned, it is recommended that the unencumbered cash balance of $9,928.80 in this account be transferred, under authority of section 237 of the Charter, upon the certificate of the Comptroller and the approval of the Board of Estimate and Apportionment to the General Fund of The City of New York. Respectfully,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Approved July 10, 1913: CHARLES S. HERVEY, Chief Auditor of Accounts.

Recommendations herein are hereby approved.

Dated ....., 1913. ....., Comptroller.

June 11, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—Continuing the examination of the "Q" special and trust accounts appearing upon the City's books, as per report of June 10, 1913, herewith is transmitted report and recommendation pertaining to the "Q" account known as "Duplicate Assessments, Paid."

This account was established in June, 1872, through the medium of a deposit of cash made with the Chamberlain of The City of New York on April 29, 1872, by H. Starkweather, former Collector of Assessments, who resigned his office on April 1, 1872, and represented over double and erroneous payments of assessments, and which amounts, as was the custom at that period, were not deposited in the City treasury as received, but deposited to the credit of the Collector's private account, and such refunds as were allowed were paid therefrom, so that the amount as deposited with the City Chamberlain represented the net balance of such erroneous overpayments.

Claims for refunds were allowed by the Comptroller in succeeding years, and warrants in payment of such claims amounting to $7,279.55 were charged to this account.

No transactions of any nature whatsoever have passed through this account since 1886, and were a claim for refund presented at this late day, over forty years after the original payments had been made, the statute of limitations would undoubtedly be set up as a bar against such claim being paid, so that it would seem that the cash balance now to the credit of this fund, to wit, $13,362.60, and which has been undisturbed since 1886, can without question, under authority of section 237 of the Greater New York Charter, and upon certificate of the Comptroller, and with the approval of the Board of Estimate and Apportionment, be transferred to the General Fund of the City, and a recommendation to that effect is herewith made. Respectfully,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommendation approved July 10, 1913.

CHARLES S. HERVEY, Chief Auditor of Accounts.

June 11, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—The examination and recommendation herein contained refer to the "Q" special and trust account entitled "Interest on Assessments, Road or Public Drive, North," which said account is one of several on the City's books the status of which is being investigated, as per report of June 10, 1913.

The title of this account indicates its nature, and the credit balance at December 31, 1912, to wit $21,724.80, represents the amount of penalty on deferred payments of assessments collected to December 31, 1901, on account of the proceedings for acquiring title to the road or public drive north of 155th street, confirmed June 3, 1873.

The assessments collected on account of the above proceedings were credited to the fund entitled "Assessment Fund, Road or Public Drive, North," only, however, until June 3, 1878, at which date, by virtue of chapter 383, Laws of 1878 (which law pledged to the Sinking Fund for the Redemption of the City Debt all uncollected assessments then upon the books of the Collector of Assessments and Arrears) the assessments as collected were deposited to the credit of said Sinking Fund.

At the same time, and also by virtue of the above Law, the Sinking Fund for the Redemption of the City Debt assumed the liability of all outstanding assessment bonds, which when issued were to have been redeemed from these assessments, so that whatever reason may have existed for depositing these interest collections in a special account and keeping same inviolate ceased through and by reason of the law as above quoted, and the interest revenues should have been treated in exactly the same manner as similar penalty collections received on account of deferred payments of assessments collected for account of the Street Improvement Fund Redemption Account, Assessment Fund Redemption Account and Road or Public Drive South Redemption Account, the assessments collected for account of above funds being deposited in the Sinking Fund, whereas the interest or penalty collected was deposited in the City Treasury to the credit of "Interest on Assessments, Fund for Street and Park Openings, etc.," the balance of this latter account being transferred yearly to the general fund.

The review of the history of this account therefore indicates clearly that the revenues which have accumulated since 1874 and are represented in the unencumbered cash balance of $21,724.80, as of December 31, 1912, are unpledged revenues, and under the provisions of section 237 of the Charter, can, upon certificate of the Comptroller and with the approval of the Board of Estimate and Apportionment, be transferred to the general fund, and a recommendation to that effect is herewith made.

Respectfully, R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommendation approved July 10, 1913.

CHARLES S. HERVEY, Chief Auditor of Accounts.

June 11, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—Continuing the examination of the "Q" special and trust accounts appearing upon the City's books, as per report of June 10, 1913, herewith is tranmitted report and recommendation pertaining to the "Q" account known as "Assessment Commission, Awards."

This account was established by virtue of chapter 550, Laws of 1880, entitled: "An Act Relating to Certain Assessments for Local Improvements in The City of New York," passed June 9, 1880, and Commissioners were appointed under authority of section 5 of said act with power to revise, vacate or modify any assessment for local improvements confirmed by the Board of Revision and Correction of Assessments prior to the passage of this act, and also any assessment for local improvement completed prior to said act, but which was confirmed subsequently by said board, when the owner or owners of real estate affected by such assessment shall have filed a notice of protest relative to same.

The Commissioners, by virtue of section 10 of this Act, were also vested with the power to award and adjudge to the persons who had, prior to the passage of this act, paid in whole or in part any assessment for any local improvement which said Commissioners should vacate, revise or modify by authority of this law, an amount equal to the amount of reduction to which such parties would have been entitled had they not made such payments, and the amounts so awarded should become a charge against the City and be provided for by the issue of assessment bonds of the said City.

The commission ended its labors on December 31, 1886, by virtue of chapter 291, Laws of 1885, which provided that the jurisdiction and authority of said Commissioners shall cease on the day as set forth above.

The operation of the fund to December 31, 1912, is as follows:

ASSESSMENT COMMISSION—AWARDS.

Receipts.

From assessment bonds issued	$446,931 14	
From amounts transferred from appropriations (provided for in the Budgets of 1885 and 1886)	45,000 00	
		$491,931 14
Disbursements.		
For warrants drawn for awards		484,020 02
Cash balance December 31, 1912		$7,911 12

It would appear, from the examination of the available records, that all of the awards adjudged by the commission have been paid, and as the assessment bonds issued and credited to the fund have been redeemed (provision for same having been made in the Budgets of 1883, 1884 and 1885), that the cash balance as set forth herein, to wit: $7,911.12, is unencumbered, and under the provisions of section 237 of the Charter, can, upon certificate of the Comptroller and with the approval of the Board of Estimate and Apportionment, be transferred to the general fund of The City of New York, and a recommendation to that effect is therefore made.

Respectfully, R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommendation approved July 10, 1913.

CHARLES S. HERVEY, Chief Auditor of Accounts.

The following resolution was offered:

Resolved, That the Secretary be and he is hereby directed to transmit to the Corporation Counsel copies of certain reports of the Division of Expert Accounting of the Department of Finance, submitted by the Comptroller to this Board under date of July 15, 1913, disclosing the results of the examinations made into certain accounts of the former City of New York, now open upon the books of the city and designated as follows:

Land Drainage Fund	$9,928 80
Duplicate Assessments—Paid	13,362 60
Interest on Assessments—Road or Public Drive, North	21,724 80
Assessment Commission—Awards	7,911 12

—and that the Corporation Counsel be requested to furnish this Board with his opinion, at an early date, as to the legality of the proposed transfer of the cash balances reported in the several funds, as herein previously enumerated, to the general fund for the reduction of taxation.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The City of New York, Department of Finance, Comptroller's Office, July 19, 1913.

To the Honorable Board of Estimate and Apportionment, City of New York:

Dear Sir:—Supplementing my communication of July 15, 1913, transmitting reports on certain old accounts now open upon the books of the city, I beg to transmit herewith additional reports in connection with others of these accounts showing cash balances, and designated on the books as follows:

Game Law Fund	$487 75
Unclaimed Car Drivers Licenses	564 00
Street Cleaning Security Deposits	344 00
The Annexed Territory of Westchester County	28,510 81
Street Improvement Fund, 23d and 24th Wards	54 95

Towns of Westchester County, Annexed under chapter 934, Laws of 1895	271,803 12
Land Title Registration, Special Fund	198 45
	$301,963 08

A resolution calling upon the Corporation Counsel for an opinion as to the legality of the transfer of these balances also, to the general fund for the reduction of taxation, is submitted herewith.

Very truly yours, WM. A. PRENDERGAST, Comptroller.

July 7, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—The account known as the "Game Law Fund," Q. 18, is one of the group of "Q" inactive trust accounts appearing upon the City's books referred to in report dated June 10, 1913, and was established pursuant to chapter 534, Laws of 18/9, an act for the preservation of moose, wild deer, birds, fish and other game. Chapter 35, of which reads as follows:

"* * * All fines recovered by the provisions of this act shall be paid over by the court receiving the same to the treasurer of the county wherein the offense was committed, except in the County of New York, and in the County of New York to the Chamberlain in the City of New York, within ten days after their reception by such court, and such moneys shall be kept by such treasurer or chamberlain as a separate fund to be applied to the enforcement of the provisions of this act in such manner as the board of aldermen may direct either for employment of special detectives or the payment of rewards for the detection and arrest of offenders."

Fines amounting to $1,325.50 were deposited to the credit of the Game Law Fund between April 3, 1886, and April 29, 1893, and warrants amounting to $837.75 for rewards, etc., were charged thereto between June 29, 1886, and September 17, 1893, leaving an unexpended balance of $487.75. No transactions have been recorded in the account since that date.

The act of 1879 was repealed by chapter 488, Laws of 1892, known as the Game Law, passed May 5, 1892, being: "An Act for protection, preservation and propagation of birds, fish and wild animals in the State of New York and the different counties thereof," which provided by Sec. 238 to 241—that all future collections of fines should be paid to the Board of Commissioners, of which one-half should go to the protection of game and the remaining money applied to the payment of the expenses in the enforcement of the law.

As no authority now exists to apply this balance in the manner provided for by chapter 534, Laws of 1879, and no provisions was made in the repealing act of 1892 to dispose of the unexpended balance of fines collected, the cash balance now remaining in the Game Law Fund, viz.: $487.75, being free and unencumbered, is available for transfer to the general fund, upon certificate of the Comptroller, and with the approval of the Board of Estimate and Apportionment, under section 237 of the Charter, and I recommend that this action be taken. Respectfully submitted,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommended for approval: CHAS. S. HERVEY, Chief Auditor of Accounts.

July 10, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—The account known as "Unclaimed Car Drivers' Licenses" Q. 67, is one of the "Q" accounts referred to in the report on the examination of inactive special and trust accounts dated June 10, 1913, and represents the balance of the moneys received from 572 drivers of street cars for a license to drive horse cars, exacted in pursuance of an ordinance of the Common Council passed January 12, 1886, and amended March 10, 1886, which ordinance was subsequently declared illegal by an opinion of the Corporation Counsel. Thereupon the Common Council passed the following resolution on October 6, 1886:

"Resolved, That the Board of Estimate and Apportionment be and is hereby requested to appropriate a sum sufficient to refund to the drivers of city railroad cars, the sum paid by them severally for licenses and badges under the provisions of ordinances of the Common Council of January 12, and March 10, 1886, which were subsequently by the counsel to the corporation declared to have been illegal."

Only $8 of the $572 collected was refunded, $5 in 1888, $2 in 1892 and $1 the final refund on July 22, 1893. As twenty years have elapsed since the last refund, it is extremely improbable that any more refunds will ever be made. The statute of limitations could be invoked to bar any future demands for refunds in the unlikely event of such being made. If for any reason the City should be required to refund this license money, such refunds could readily be paid out of the account "Revenue Bond Fund for Claims."

I therefore recommend that the credit balance of $564 in the account "Unclaimed Car Drivers' Licenses," Q. 67, be transferred to the "General Fund for the Reduction of Taxation," upon certificate of the Comptroller, with the approval of the Board of Estimate and Apportionment, pursuant to section 237 of the Charter.

Respectfully, R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommended for approval: CHAS. S. HERVEY, Chief Auditor of Accounts.

July 10, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—Herewith is contained report and recommendation relating to the "Q" special and trust account, entitled: "Street Cleaning Security Deposits," codified as "Q—57," which said account is one of several upon the City's books, the status of which are being investigated as per report of June 10, 1913.

The above account was established upon the City's books on January 13, 1882, and was credited with various amounts deposited with the Comptroller by contractors as security for the faithful performance of the conditions embodied in the contracts entered into between said contractors and the Mayor, Aldermen and Commonalty of The City of New York for the privilege of "trimming scows."

Various contracts were entered into, all of which were terminated by the Department of Street Cleaning under the terms of the agreements and the amounts deposited with the Comptroller as security, was refunded in every instance excepting in the case of the agreement entered into on December 28, 1889, by and between James S. Coleman, Commissioner of Street Cleaning, in behalf of the City and one Guiseppi Labriola, whereby Labriola secured the privilege of trimming the scows or boats used by the City or its agents in removing the refuse of the City, and for which privilege Labriola was to pay to the City the sum of $1,552 weekly in advance and as security for faithful performance Labriola deposited with the Comptroller the sum of $5,000 on January 8, 1890, which amount was credited to the account herein reported upon.

Labriola began operations under his contract on January 5, 1890, and made but two weekly payments, and being in default on January 28, 1890, notice was served on behalf of the City that the agreement would terminate on February 9, 1890, on which date Labriola was compelled to cease operations, he being at that time in arrears in the sum of $4,656, representing three weekly installments unpaid.

In order to reimburse the City for the three weekly installments unpaid as above a warrant for $4,656 was drawn against this account (Street Cleaning, Security Deposits) to the order of the Street Cleaning Commissioner, thus leaving a cash balance to the credit of this account amounting to $344, and which balance has remained undisturbed to the present.

On February 17, 1890, Labriola, through his attorney, presented a claim for the above balance, and on March 7 of the same year he and his attorney appeared before the Corporation Counsel for examination, and in a report to the Comptroller dated May 14, 1890, the Corporation Counsel advised the disallowance of the claim, as follows:

"I therefore advise that the claim presented to your Department by Labriola be disallowed unless it shall be shown to your satisfaction that the City has not been damaged in any way by the failure of Labriola to perform his contract and the consequent necessity of reletting the same at a lower figure."

An examination of the records in the office of the Corporation Counsel failed to disclose any further action on the part of Labriola towards the collection of this balance.

In view of the conditions as outlined above it is evident that no legal liability exists chargeable against this account as over twenty years have elapsed since the above claim was filed, and it is recommended that the balance to the credit of this account as of December 31, 1912, to wit: $344, be transferred to the General Fund of The City of New York, pursuant to section 237 of the Charter, upon certificate of the Comptroller and with the approval of the Board of Estimate and Apportionment. Respectfully,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommended for approval: CHAS. S. HERVEY, Chief Auditor of Accounts.

Appended hereto opinion of Corporation Counsel dated May 14, 1890. Attached to "B" Voucher No. 1821 of 1890.

Law Department, Office of the Counsel to the Corporation, New York, May 14, 189 .

Hon. THEODORE W. MYERS, *Comptroller:*

Sir—I duly received your letter under date of February 17, 1890, enclosing claim of Ginseppe Labriola, by John Reilly, his attorney, for $344, being the balance claimed to be due of a deposit made under contract with the Street Cleaning Department on December 28, 1889, terminated February 9, 1890.

In accordance with the request contained in your letter, I caused an examination of the claimant to be made, and enclose a copy of the same.

The agreement or contract referred to in the claim of Labriola was made on the 28th day of December, 1889, between the claimant, as party of the first part, and the Mayor, Aldermen and Commonalty of The City of New York, as parties of the second part, and is known as an agreement for "trimming scows."

Under the terms of the contract Labriola was to pay to the Commissioner of Street Cleaning the sum of $1,552 weekly in advance during the continuance of the agreement, and was to furnish all the labor and materials necessary to properly trim all boats used by the Department of Street Cleaning or its agents in removing the refuse of the City, and to level the material deposited at the dumping places where boats are not used.

Under paragraph 4 of the agreement a deposit of $5,000 was to be made by Labriola with the Comptroller of The City of New York as a guarantee of the faithful performance of his agreement. It was provided that upon the expiration of the contract parties of the second part should pay to the claimant so much of the said sum of $5,000 as might be left after deducting such payments as should have been made by the Commissioner of Street Cleaning, as provided in the contract.

By paragraph 6 of the contract it was agreed that the work to be done, and the weekly payments to be made, should continue for a period of at least four months from the date thereof, except that if at any time before the expiration of the contract the Commissioner of Street Cleaning should deem it for the interest of the City, he should have power to absolutely terminate the agreement upon giving proper notice in writing.

I am informed by letter from the Department of Street Cleaning that the work was commenced under the contract on January 5, 1890, and that only two payments were made by the claimant. A third weekly payment became due on Monday, January 20, 1890. On Tuesday, January 28, 1890, Labriola, being still in the default, was served with a notice in writing, pursuant to the terms of the contract that the agreement of December 28, 1889, would be absolutely terminated on February 9, 1890.

On the date of the termination of the contract, which I am informed was due to the failure of Labriola to make the weekly payments agreed upon, the amount due to the Commissioner of Street Cleaning from Labriola was $4,656, being three weekly payments of $1,552 each.

The claim now presented by Labriola, and transmitted in your letter, is for the sum of $344, being the balance alleged to be due to him from the City, after allowing for the payment of the sum of $4,656 conceded to be due under the contract.

On account of the failure of Labriola to perform his contract according to his terms, the Department of Street Cleaning was compelled to advertise for a new contract, and, I am informed, was obliged to accept a lower bid than the one originally made by Labriola.

It appears from the examination of the claimant that the reason why he was unable to carry out his agreement was because he could not dispose of the material he collected for the prices which he had estimated. He admits that if he had been able to get sixty cents a barrel for the refuse, which was the price he had formerly obtained, he would have been able to proceed according to his agreement.

The claimant in his examination testified that he had been interfered with in his work by a certain company using a machine at the foot of 17th street, East River, and that this interference was one of the reasons which prevented him from successfully carrying on the work which he had undertaken. I am informed, however, by letter from the Department of Street Cleaning that so far from being a hindrance to the claimant, the work of this company was a positive benefit. The further suggestion is made in the examination that claimant was prejudiced by the fact that at three of the best dumps on the west side of the City railroad cars on floats are used instead of scows to remove the garbage, and that on this account he was unable to get any benefit at all from those particular dumps.

I do not find, however, that the contract forbade the use of cars. I therefore advise that the claim presented to your department by Labriola be disallowed unless it shall be shown to your satisfaction that the City has not been damaged in any way by the failure of Labriola to perform his contract, and the consequent necessity of reletting the same at a lower figure.

Inasmuch as the sum of $4,656, which should have been paid by Labriola to the Department of Street Cleaning, has not been paid, and since the claimant by his demand has practically waived his rights to that amount of the deposit, I advise that the said sum of $4,656 be held subject to the draft of the Commissioner of Street Cleaning as a portion of the anticipated revenue of his department.

I return herewith the claim transmitted with your letter, and also the agreement of December 28, 1889, with papers attached thereto. Respectfully yours,

(Signed) W. H. CLARK, Counsel to the Corporation.

July 7, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—Continuing the examination of the "Q" special and trust accounts appearing upon the City's books as per report of June 10, 1913, herewith is transmitted report and recommendation affecting the following accounts:

1. "The annexed territory of Westchester County," "S—1."
2. "Interest on taxes, etc., annexed territory of Westchester County," "Q—35."

The above accounts were established upon the city's books pursuant to and by virtue of chapter 613, Laws of 1873, as amended by chapter 329, Laws of 1874, entitled "An Act to provide for the annexation of the towns of Morrisania, West Farms and Kingsbridge, in the County of Westchester, to the City and County of New York, which said act provided that the Mayor, Aldermen and Commonalty of the City and County of New York should succeed to all the rights, claims, causes of action, rights of uncollected taxes, etc., and also that said City should assume such proportion of the debts and obligations of the towns and of the debts and obligations of the County of Westchester existing when the act took effect.

As the direct result of the above laws, the account entitled "Annexed Territory of Westchester County" was opened, the operation and condition of said account to December 31, 1912, being as follows:

Receipts.		
Balances turned over by former officials	$12,820 15	
Miscellaneous refunds	73 90	
Collections—		
From taxes., etc.	13,191 48	
From interest on taxes, etc. (to December 31, 1897)	1,808 75	
		$27,894 28
Disbursements.		
Warrants drawn		3,950 46
Cash balance, December 31, 1912		$23,943 82

No disbursements of any nature have been charged against this account since 1895.

Of the bonded indebtedness assumed by The City of New York, pursuant to the provisions of the laws as quoted above, there was outstanding at December 31, 1912, bonds amounting to $300,500, which are payable from taxation under laws authorizing their issues (the last issue of same being due and payable in Z—147) and this account is in no way liable for their redemption.

There is no other liability chargeable against this account, and the cash balance as set forth above as of December 31, 1912, to wit: $23,943.82, is free and unencumbered.

In addition to the above, current receipts amounting to $75.26 have been credited to this account during the year 1913, so that the cash balance to the credit of said account as of June 30, 1913, amounts to $24,019.08.

"Interest on Taxes, etc.—Annexed Territory of Westchester County."

The above account was established upon the general ledger of the Department of Finance, in the year 1898, the receipts credited thereto, to wit: $4,303.67 (from

January 1, 1898, to December 31, 1912), being correct collections of interest on deferred payments of taxes, as indicated by the title of this account.

Receipts of a similar nature, amounting to $1,808.75, received prior to 1898, had been, however, deposited in the City Treasury to the credit of the account "The Annexed Territory of Westchester County," as hereinbefore set forth.

No particular reason can be assigned for segregating these receipts subsequent to 1898 on the Comptroller's books, and the two accounts herein set forth are reflected on the books of the Chamberlain in the one general account entitled "The Annexed Territory of Westchester County."

As there are no liabilities of any nature chargeable to either of the accounts herein reported upon, it is recommended that the balance existing in this account (Interest on Taxes, etc., Annexed Territory of Westchester County), at December 31, 1912, to wit, $4,303.67, and such further amounts which have been credited to this account during the current year, and which amount to the sum of $188.06, making a total cash balance to the credit of this account of $4,491.73, at June 30, 1913, be merged and consolidated on the fund ledgers of this Department with the account entitled "The Annexed Territory of Westchester County," and it is further recommended that the consolidated balance remaining to the credit of the last mentioned account, as of June 30, 1913, to wit, $28,510.81, be transferred under section 237 of the Charter, upon certificate of the Comptroller and with the approval of the Board of Estimate and Apportionment to the general fund.

When the recommendations as set forth above have been carried into effect, and the accounts closed by a transfer to the general fund, no necessity will exist for the continuation of these accounts upon the fund ledgers or upon the books of the Chamberlain, and it is therefore recommended that further current receipts received subsequent to June 30, 1913, be credited as received to the general fund.

Respectfully,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommended for approval: CHAS. S. HERVEY, Chief Auditor of Accounts.

Action herein recommended is hereby approved.

Dated ....., 1913. ....., Comptroller.

July 8, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—The account herein reported upon is one of the group of "Q" special and trust accounts appearing upon the City's books referred to in report dated June 10, 1913, and is entitled "Street Improvement Fund, 23d and 24th Wards," codified as "Q62."

It appears from the examination just completed that the above account was established upon the City's books in the year 1874 as a result of chapter 613, Laws of 1873, and amendments, entitled "An act to provide for the annexation of the Towns of Morrisania, West Farms and Kings Bridge, in the County of Westchester, to The City and County of New York," the receipts credited thereto being collections of outstanding assessments for local improvements in the former Town of Morrisania, amounting to $17,312.42, which sum plus transfers of $6,532.33 from the account entitled "Lands purchased for taxes and assessments, 23d and 24th Wards," and amounting in the aggregate to the sum of $23,844.75, represents the total amount passed to the credit of this account.

The disbursements charged against this account during the years 1875 and 1877 inclusive and amounting to $23,789.80 were for warrants issued by The City of New York for the redemption of certificates of indebtedness and warrants issued by the former town of Morrisania prior to annexation for account of work done and materials furnished for the grading, regulating, etc., of certain streets and avenues within the corporate limits of said town.

There are no liabilities existing to-day chargeable to this account, and the cash balance remaining to the credit of same at December 31, 1912, to wit: $54.95, is free and unencumbered and under the provisions of section 237 of the Charter, can, upon certificate of the Comptroller and with the approval of the Board of Estimate and Apportionment, be transferred to the general fund of The City of New York and a recommendation to that effect is herewith made. Respectfully,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommended for approval: CHAS. S. HERVEY, Chief Auditor of Accounts.

Action herein recommended is hereby approved.

Dated ....., 1913. ....., Comptroller.

June 26, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—Continuing the examination of the "Q" special and trust accounts appearing upon the City's books, as per report of June 10, 1913, herewith is transmitted report and recommendations affecting the following accounts:

"Public Instruction, School Districts of Westchester County, annexed under chapter 934, Laws of 1895," "Q—44."

"Village of Williamsbridge, Sinking Fund," "Q—70."

"Arrears of Taxes and Assessments, Towns of Eastchester and Pelham," "Q—119."

"Towns of Westchester County, annexed under chapter 934, Laws of 1895," "S—110 A."

General Condition.

These accounts were all established upon the City's books by virtue of chapter 934, Laws of 1895, entitled, "An act to annex to the City and County of New York, territory lying within the incorporated village of Wakefield, Eastchester and Williamsbridge and the town of Westchester, and portions of the towns of Eastchester and Pelham," which said act provides that the Mayor, Aldermen and Commonalty of the City and County of New York shall succeed to all of the rights, claims, causes of action, rights of uncollected taxes, etc., and also that said City shall assume such proportion of the debt and obligation of the towns and villages and of the debts and obligations of the county of Westchester existing when this act shall take effect.

As a result of this law, cash balances in the hands of the former officials of the towns and villages annexed under the operation of said law and amounting to $40,254.56 were turned over to the City and deposited in the treasury to the credit of the several accounts, as set forth hereafter, and bonded and other indebtedness, amounting to $825,551.89 (as shown in the statement accompanying this report) were assumed by the City.

Of the amount of the indebtedness thus assumed, bonded and other indebtedness amounting to $324,317.09 has been liquidated to December 31, 1912 (provision for same having been made in the budgets of 1896 and subsequent years), leaving a balance of outstanding bonded indebtedness at December 31, 1912, of $501,234.80, of which $326,234.80 is for bonds payable from taxation under laws authorizing their issue (the last of same being due and payable in 1943), and the balance, $175,000 (Williamsbridge Sewer bonds), are redeemable from assessments levied and now being collected for the construction of the Williamsbridge sewer.

In addition to the amount of cash turned over to the City, as aforesaid, there has been deposited in the city treasury to the credit of the several accounts collections made subsequent to the year 1895 of taxes and assessments authorized or assessed prior to the year 1895 by the several towns and villages annexed to the City, unpaid at date of annexation, and amounting to the sum of $248,776.48.

The total receipts of cash credited to the several accounts to December 31, 1912, therefore is as follows:

From balances turned over	$40,254 56	
From collections of taxes and assessments	248,776 48	
Total receipts		$289,031 04
Against which there have been disbursements for refunds and miscellaneous charges amounting to		17,227 92

Thus leaving a cash balance at December 31, 1912, distributed among the several accounts as follows:

To the credit of—		
Public Instruction, School Districts of Westchester County	$4,414 28	
Village of Williamsbridge, Sinking Fund	2,500 00	
Arrears of Taxes and Assessments, Towns of Eastchester and Pelham	13,684 64	
Towns of Westchester County, etc.	251,204 20	
Aggregate cash balance at Dec. 31, 1912		$271,803 12

Operation and condition of the several accounts established by virtue of chapter 934, Laws of 1895:

"Public Instruction, School Districts of Towns of Westchester County, Annexed Under Chapter 934, Laws of 1895."

Receipts.

Balances turned over by former officials	$16,373 85

Disbursements.

Warrants drawn	11,959 57
Cash balance December 31, 1912	$4,414 28

The cash credited to this account represents the balance of school money in the hands of the officials of the various towns and villages at the date of annexation and which was deposited in the City Treasury during the year of 1895; the disbursements being primarily for account of payrolls for the period covered from the date of annexation in 1895 to the close of the year 1895, after which period the expenses of the school districts, as annexed, were included in the yearly budgetary allowances to the Department of Education.

There are no existing liabilities chargeable against this account, so that the cash balance, as shown above, to wit: $4,414.28, is free and unencumbered.

"Village of Williamsbridge, Sinking Fund."

Receipts.

Balance turned over by former officials	$2,500 00
Cash balance December 31, 1912	$2,500 00

The above account was established by the former officials of the Village of Williamsbridge by virtue of chapter 116, Laws of 1894, entitled "An act to authorize the trustees of the Village of Williamsbridge, in Westchester County, to issue certificates of indebtedness for unpaid taxes and assessments," passed March 8, 1894. Section 1 of which provides:

"* * * When the amount of such certificates outstanding shall be equal to the amount of taxes and assessments returned as unpaid, *the said Board shall cause all money received for such unpaid taxes and assessments and interest on the same to be held exclusively for and applied to the payment of such certificates and the interest thereon* * * *"

The records of the former Village of Williamsbridge on file in this Department are incomplete, but from the report of the Board of Trustees and annual statement of the Village of Williamsbridge for the fiscal period August 15, 1893, to August 15, 1894, it has been ascertained that the amount paid by the Treasurer to the Sinking Fund (so called) to redeem certificates of indebtedness was $3,193.35, which amount has been verified through comparison with the amount shown to have been collected as entered in the "Back Tax Ledger, Village of Williamsbridge," on file in the office of the Deputy Collector of Assessments and Arrears, Borough of The Bronx, which records the collection of back taxes against which certificates of indebtedness had been issued to be as follows:

For account of taxes	$2,836 73
For account of interest	356 62
Total collections, as above	$3,193 35

What disbursements may have been charged against or what additional receipts may have been deposited to the credit of this account, prior to annexation, cannot be determined, but the amount as originally turned over to the City and which still remains to the credit of this account is undoubtedly an amount which should have been applied towards the redemption of certificates of indebtedness issued under the law and outstanding at the date of annexation. These certificates have, however, been redeemed by the City subsequent to annexation, provision for same having been made in the Budgets of 1896 and subsequent years, as shown in statement accompanying this report. Subsequent collections of back taxes and assessments, which under the operation of the law above quoted would have been credited to this account had annexation not taken place, have been deposited to the credit of the account entitled "Town of Westchester County, annexed under chapter 934, Laws of 1895."

There are no existing liabilities chargeable against this account and the cash balance at December, 1912, to wit: $2,500, is free and unencumbered.

"Arrears of Taxes and Assessments, Towns of Eastchester and Pelham."

Receipts.

Collections of arrears of taxes and assessments	$13,697 27

Disbursements.

Warrants drawn for refunds	12 63
Cash balance December 31, 1912	$13,684 64

The cash credited to this account, as shown above, consisted of amounts received by the Comptroller subsequent to 1895 of taxes and assessments authorized or assessed prior to 1895 on property in that portion of the towns of Eastchester and Pelham annexed to The City of New York, pursuant to the provisions of chapter 934, Laws of 1895, unpaid at date of annexation.

There is no existing liability chargeable against this account and the cash balance at December 31, 1912, to wit: $13,684.64, is free and unencumbered.

"Towns of Westchester County, Annexed Under Chapter 934, Laws of 1895."

Receipts.

Balances turned over by former officials	$21,380 71	
Collections of arrears of taxes and assessments	235,079 21	
		$256,459 92

Disbursements.

Warrants drawn	5,255 72
Cash balance December 31, 1912	$251,204 20

This account was established upon the City's books by virtue of the provisions of chapter 934, Laws of 1895, the initial credit being all of the moneys in the hands of the officials of the various villages and towns annexed under the law (excepting the amounts as shown in the accounts herein before analyzed) turned over to the City at the time of annexation and amounting to the sum of $21,380.71.

In addition to the above this account has been credited subsequent to annexation and continuing currently to December 31, 1912, with collections of taxes and assessments authorized and assessed prior to 1895 by the former villages and towns annexed under the law (excepting the towns of Eastchester and Pelham) and amounting to $235,079.21.

The disbursements charged against this account have been for account of certain judgments obtained against the City shortly after annexation and for refunds of over, double and erroneous payments of taxes and assessments.

There is no existing liability chargeable against this account, and the cash balance at December 31, 1912, to wit: $251,204.20 is free and unencumbered. The balance as shown above is of December 31, 1912, and does not take into consideration current receipts from taxes and assessments which have been credited to this account for the period beginning January 1, 1913, and which to May 31, 1913, amounts to $3,865.51. In the disposition of the balance of this account as recommended hereafter the current receipts for the year 1913 are not included, as it is deemed advisable to allow this amount to remain in the account, until the final adjustments of the accounts of the Collector of Assessments and Arrears have been accomplished.

Recommendations.

In view of the fact that the several accounts as set forth herein and as established upon the City's books, were all predicated upon the operation of chapter 934, Laws of 1895, and that the moneys credited to these accounts were all of a similar character, being either cash balances turned over to the City by former officials or collections of unpaid taxes and assessments credited to these accounts subsequent to the year 1895, and the further fact that no liability exists chargeable to any of these accounts, and finally, that the disposition of any one of the unencumbered cash balances remaining to the credit of any one of these several accounts at December 31, 1912, should not be determined, one without the others, and because the main account established on the City's books by reason of this law is the account entitled "Towns of Westchester County—annexed under Chapter 934, Laws of 1895," this account being the account to which current receipts are credited, it is recommended that the unencumbered cash balances remaining to the credit of the following "Q" special and trust accounts as of December 31, 1912, to wit:

"Public Instruction, School Districts of Westchester County, annexed under chapter 934, Laws of 1895"	$4,414 28
"Village of Williamsbridge, Sinking Fund"	2,500 00
"Arrears of Taxes and Assessments, Towns of Eastchester and Pelham"	13,684 64
Total	$20,598 92

—be merged with the account known as Towns of Westchester County—annexed under chapter 934, Laws of 1895, codified as "S. 110 A."

The balance to the credit of the last named account, after carrying into effect the recommendation as aforesaid, would, as of December 31, 1912, amount to the sum of $271,803.12, being made up as follows:

Balance at December 31, 1912, of "S—110A" as now established.....	$251,204 20
Balance at December 31, 1912, of the accounts to be merged per recommendations	20,598 92
Balance to the credit of the consolidated account as aforesaid.....	$271,803 12

There being no liability of any nature chargeable against this account, the consolidated cash balance at December 31, 1912, to wit: $271,803.12 is free and unencumbered and under the provisions of section 237 of the Charter, can upon certificate of the Comptroller and with the approval of the Board of Estimate and Apportionment be transferred to the general fund of The City of New York and a recommendation to that effect is therefore made. Respectfully,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommended for approval: CHAS. S. HERVEY, Chief Auditor of Accounts.

Action herein recommended is hereby approved.

Dated ....., 1913. ....., Comptroller.

Statement of the bonded and other indebtedness of the towns and villages of Westchester County, annexed by The City of New York, pursuant to Chapter 934, Laws of 1895, and amount of same outstanding at December 31, 1912.

Corporation and Titles.	Amount Assumed by the City of New York.	Redemption by The City of New York.	Outstanding at December 31, 1912.
Village of Williamsbridge—Highway Improvement Bonds	$132,000 00	$39,000 00	$93,000 00
Village of Williamsbridge—Sewer Bonds.....	175,000 00	.....	175,000 00
Village of Williamsbridge—Certificates of Indebtedness	41,309 62	41,309 62	.....
Town of Westchester—Union Free School Bonds	92,000 00	71,000 00	21,000 00
Town of Westchester—Refunding Bonds.....	5,000 00	5,000 00	.....
Town of Westchester—Local Improvement Bonds	255,000 00	80,000 00	175,000 00
Town of Westchester—Judgment (Eastchester Creek Bridge)	3,334 27	3,334 27	.....
Village of Wakefield—Highway Improvement Bonds	83,800 00	47,630 00	36,170 00
Village of Wakefield—Certificates of Indebtedness	22,000 00	22,000 00	.....
Town of Eastchester—Union Free School District Bonds	16,000 00	15,000 00	1,000 00
Town of Eastchester—Union Free School District No. 5 (226-100% of $5,000).....	108 00	43 20	64 80
Totals	$825,551 89	$324,317 09	$501,234 80

July 10, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—Continuing the examination of the "Q" special and trust accounts on the City's books, as per report of June 10, 1913, herewith is transmitted report and recommendation relative to the account entitled "Land Title Registration, Special Fund," codified as "Q39."

The above account was established in December, 1909, pursuant to chapter 444, Laws of 1908, entitled "An Act in Relation to Registering Titles to Real Property and Facilitating and Expediting Its Transfer," the sections of said law, under which this account is operated being as follows:

"Section 8. Disposition and use of fees received by registrars.

"All fees received by a registrar, for the performance of the duties devolving upon him, pursuant to this act, shall be disposed of in such manner as the other fees paid to county clerks and registrars, *with the following proviso: In those counties where the registrars under this act are or shall become salaried officials, all fees paid for the registration of titles shall be kept separate by the registrars, and serve as far as they are necessary or adequate to pay the expenses of registering titles and the other duties for which charges are made* * * *"

"Section 64. Fees to be charged: The following fees shall be charged by registrars for the various services performed, pursuant to this act:

"(a)	Filing the application, including entering it in the entry book, indexing it, and entering it in the tickler certificate book ..	$1 50
(b)	Entering and filing each order of service or summons	75
(c)	Entering and filing order appointing guardian, ad litem	75
(d)	Entering, filing and indexing judgments and issuing certificate of title in accordance therewith and indexing same	5 00
(e)	Entering, filing and indexing any lien, incumbrance or charge pending registration or subsequent thereto	1 00
(f)	Entering, filing and indexing a deed or other paper requiring the cancellation of one certificate and issuing another—for each certificate issued	2 00
(g)	Entering, filing and indexing any instrument, cancelling any lien or incumbrance on a certificate	50
(h)	Making any additional certificate	50
(i)	Entering, filing and indexing a caution	1 00"

The total amount of fees collected under section 64 of this act, from the inception of this account in 1909 to June 30, 1913, a period of over three and one-half years, amounted to $198.45, which latter sum represents the total cash balance to the credit of this account at June 30, 1913.

All fees paid to and received from county officers, i. e., County Clerk, Register and Public Administrator, are deposited as such to the credit of the General Fund, under authority of section 212 of the Charter, as unpledged revenues, and a similar disposition would undoubtedly have been made of the fees paid to the Register, pursuant to the provisions of this act, but for the proviso as underscored in the quoted portions of section 8 of this act as hereinbefore set forth, and it is because of this section that the fees received under the operation of this act, and as set forth above, have been set apart in the special fund, which is the subject of this report. Inasmuch as all expenses incident to the registration of titles under this act are included in the yearly budgetary amounts allowed for the expenses of the office of the Register (in the Budget for 1913 the amounts thus included being as follows:

Register, New York County, Land Title Registration	$2,800 00
Register, Kings County, Land Title Registration	6,100 00)

—it becomes clearly evident that no necessity exists for the accumulation of these revenues for an indefinite period, as will be the result if these fees are treated as at present prevails, but, as the law distinctly provides that the fees be kept separate, it is recommended:

First—That the account "Land Title Registration, Special Fund," now codified as "Q39," as a special and trust account in suspense, be transferred to the active "A. G." accounts and recodified accordingly.

Second—That the fees, as received, be credited to this account as heretofore, and that the balances resulting therefrom be transferred yearly under authority of section 237 of the Charter, upon certificate of the Comptroller and with the approval of the Board of Estimate and Apportionment to the General Fund of The City of New York. Respectfully,

R. B. McINTYRE, Examiner in Charge, Division of Expert Accounting.

Recommended for approval: CHAS. S. HERVEY, Chief Auditor of Accounts.

The following resolution was offered:

Resolved, That the Secretary be and he is hereby directed to transmit to the Corporation Counsel copies of certain reports of the Division of Expert Accounting of the Department of Finance, submitted by the Comptroller to this Board under date of July 19, 1913, disclosing the results of the examinations made into certain accounts of the former City of New York, now open upon the books of the City and designated as follows:

Game Law Fund	$487 75
Unclaimed Car Drivers' Licenses.....	564 00
Street Cleaning Security Deposits	344 00
The Annexed Territory of Westchester County.....	28,510 81
Street Improvement Fund—23d and 24th Wards.....	54 95
Towns of Westchester County—Annexed under Chapter 934, Laws of 1895	271,803 12
Land Title Registration—Special Fund	198 45

—and that the Corporation Counsel be requested to furnish this Board with his opinion at an early date, as to the legality of the proposed transfer of the cash balances reported in the several funds as herein previously enumerated, to the general fund for the reduction of taxation.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Francis B. Gibbins, Rudolph L. Riemer, Edward J. Malley and Walter Green—Claims of (Cal. No. 49).

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 24, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Under and pursuant to the provisions of section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907 of the State of New York, as amended, entitled "An Act to amend the Greater New York Charter in relation to the powers of the Board of Estimate and Apportionment," I hereby certify that claims have been presented by Francis B. Gibbins, Rudolph L. Riemer, Edward J. Malley and Walter Green for arrears of salary alleged to be due them as Armorers of Batteries D, E, F and D, respectively, of the Second Battalion, Field Artillery, of the National Guard of the State of New York; that payment is claimed at the rate of $4 per day; that the period covered by the claim filed by Francis B. Gibbins is from October 1, 1911, to February 1, 1912; that the period covered by the claims of Rudolph L. Riemer and Edward J. Malley is from October 20, 1911, to December 31, 1911, and from February 1 to February 12, 1912, inclusive; that the period covered by the claim of Walter Green is from February 1 to February 12, 1912, inclusive; that no actions have been instituted on said claims; that an investigation of the facts on which said claims are based discloses that claimants were appointed Armorers by the commanding officers of their respective batteries and actually worked the time alleged; that the sum of $4 per day is the customary rate paid Armorers and a fair compensation for the work done by them; that section 189 of the Military Law authorizes the payment of a sum not to exceed $4 per day for Armorers actually and necessarily employed in armories or arsenals located in cities; that the batteries to which the Armorers in question were appointed had no janitors and it was therefore necessary that said Armorers discharge to their respective organizations all the duties usually performed by an Armorer as well as janitor; that said Armorers were not only concerned in keeping the arms and equipments in proper condition, but also in keeping so much of the building and furniture (both City property) as was occupied by their respective batteries clean and in good condition; that said Armorers, the claimants herein, were entitled to receive and use for the above purposes so much of the supplies, utensils and materials, furnished by the City in accordance with section 183 of the Military Law (chapter 102, Laws of 1911), as was necessary for the care, cleaning and preservation of the building and furniture; that they were likewise responsible for and had the custody of the utensils, materials and supplies used by them; that The City of New York has received a benefit from the services rendered by claimants herein in the care and maintenance of the armory, a City building, and for such portions of the furniture, also City property, as were used by their respective batteries; that a similar benefit has also been derived by the City from the services rendered by claimants in caring for the utensils, materials and supplies which it furnished to each armory; that section 187 of the Military Law authorizes each battery occupying a portion of an armory to have an Armorer who shall be appointed by its respective commanding officer upon the approval and certificate of the Major General or commanding officer of the brigade within whose command the armory is located; that the certificate provided for in the above section was not given until February 13, 1912, when the same was furnished by Charles F. Roe, Major General, commanding division of the National Guard; that owing to the certificate above mentioned not being issued prior to the rendition of the services by the claimants herein, these claims are illegal and invalid against The City of New York, but, notwithstanding, in my judgment, it is equitable and proper for the City to pay said claims, inasmuch as it has received a benefit for the same, and that the following amounts, the value of the benefit received, are the amounts which should be paid in full satisfaction thereof:

Francis B. Gibbins	$486 00
Rudolph L. Riemer.....	340 00
Edward J. Malley	340 00
Walter Green	48 00

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907, as amended, the Board of Estimate and Apportionment hereby determines that The City of New York has received a benefit from Francis B. Gibbins, Rudolph L. Riemer, Edward J. Malley and Walter Green, and is justly and equitably obligated to pay to the said Francis B. Gibbins, Rudolph L. Riemer, Edward J. Malley and Walter Green, without interest, the sums of four hundred and eighty-six dollars ($486), three hundred and forty dollars ($340), three hundred and forty dollars ($340) and forty-eight dollars ($48), respectively, for services rendered as Armorers of Batteries D, E, F and D of the Second Battalion, Field Artillery, of the National Guard of the State of New York, prior to February 13, 1912; that the said sums shall be paid in full satisfaction of the claims which have been presented on behalf of the said Francis B. Gibbins, Rudolph L. Riemer, Edward J. Malley and Walter Green for the services above mentioned; that the interest of the City will be best subserved by the payment thereof and that said sums shall be paid only upon the execution by the said Francis B. Gibbins, Rudolph L. Riemer, Edward J. Malley and Walter Green of a full release in favor of the City in such form as may be approved by the Corporation Counsel, and the Comptroller is hereby authorized to pay said claims from the account entitled "Revenue Bond Fund for Payment of New York County Charges and Expenses, R. F. M.—25B."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

C. W. Blakeslee & Sons—Claim of (Cal. No. 50).

(On March 13, 1913, the above claim was referred to the Comptroller.)

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 8, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Under and pursuant to the provisions of section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907 of the State of New York, as amended, entitled "An Act to amend the Greater New York Charter in relation to the powers of the Board of Estimate and Apportionment," I hereby certify that a claim has been presented by C. W. Blakeslee & Sons for the sum of $701 alleged to be due for materials furnished and work done in connection with chlorinating plants and for placing asphalt binder on macadam road at Millwood, New York; that no action has been instituted on this claim; that an investigation of the facts on which said claim is based discloses that during the years 1910, 1911 and 1912, 4,120 pounds of chloride of lime were furnished by claimants to the chemical houses at Chadeayne and Croton; that payment is claimed at the rate of 4 cents per pound, or $164.80 for the lime in question; that certain valves, together with 600 pounds of lead pipe and 6 rolls of amatite paper were likewise furnished, and for which a total charge is made of $167.20; that an additional 10 per cent. is added to said sum and represents the incidental expenses incurred by claimants in connection with said items, such as the cost of supervision, freight charges, labor in putting the amatite paper on the building, etc.; that during September 1912, 1,300 gallons of asphalt binder were furnished for the macadam road at Millwood, New York; that a charge is made for said binder at the rate of 10 cents per gallon; that a further charge is made for labor in putting the same on the road, together with the use of road roller and services of engineer in operating the same, amounting to $108.00; that on the last two items, which total $238, a further charge of 10 per cent., or $23.80 is added for the purpose of cover-

ing the cost of coal consumed by the road roller, the services rendered by claimant's superintendent and timekeeper on the work, the use of tar pails, etc., together with the cost of certain tools which it is alleged said claimants were obliged to buy and have no further use for; that the sum of $90.48 is also claimed for 11.31 tons of coal at $8 per ton, which was furnished during the years 1910, 1911 and 1912, to the chemical houses at Chadeayne and Croton; that all the materials and services above mentioned were furnished or rendered on the oral instructions from various engineers of the Board of Water Supply; that it is alleged the sums claimed represent the actual outlay of claimants and do not include profit or interest; that the amounts charged in connection with the various items are just and reasonable compensation for the same; that in my opinion the sum of $640.58 represents the actual outlay of claimants, without profit or interest, for the materials furnished and services rendered, and is equal to the benefit in dollars and cents derived by the City of New York therefrom; that owing to the informal manner in which the work was ordered to be done by the engineers of the Board of Water Supply, as well as there being no certificate issued by said Board, as is provided for in section 34 of chapter 724 of the Laws of 1905, this claim is illegal and invalid against the City of New York, but notwithstanding in my judgment it is equitable and proper for the City to pay said claim inasmuch as it has received a benefit therefrom, and that the sum of $640.58, the value of that benefit is the amount which should be paid in full satisfaction thereof.

Respectfully, WM. A. PRENDERGAST, Comptroller

The following resolution was offered:

Resolved, That, pursuant to section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907, as amended, the Board of Estimate and Apportionment hereby determines that the City has received a benefit from C. W. Blakeslee & Sons, and is justly and equitably obligated to pay to the said C. W. Blakeslee & Sons, without interest, the sum of six hundred and forty dollars and fifty-eight cents ($640.58) for materials furnished and services rendered in connection with the chlorinating plants of the Board of Water Supply at Chadeayne and Croton, New York, and for the furnishing of asphalt binder on macadam road at Millwood, New York, during the years 1910, 1911 and 1912; that the said sum shall be paid in full satisfaction of the claim which has been presented on behalf of C. W. Blakeslee & Sons for the materials and services above mentioned; that the interests of the City will be best subserved by the payment thereof, and that said sum shall be paid only upon the execution by the said C. W. Blakeslee & Sons of a full release in favor of the City in such form as may be approved by the Corporation Counsel, and the Comptroller is hereby authorized to pay said claim from the account entitled "C. C. M.—No. 3, New Water Supply for The City of New York, Chapter 724, Laws of 1905."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Cavanagh Brothers & Company—Claim of (Cal No. 51).

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 21, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Under and pursuant to the provisions of section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907 of the State of New York, as amended, entitled "An Act to amend the Greater New York Charter in relation to the powers of the Board of Estimate and Apportionment," I hereby certify that a claim has been presented by Cavanagh Brothers & Co. for the sum of $58.32, which is alleged to be due for certain kerosene oil furnished and delivered to the Department of Water Supply, Gas & Electricity, September 14, 1908; that no action has been instituted on this claim; that said oil appears to have been ordered in an informal manner; that the same was furnished in good faith and actually received and used by the said Department; that the prices charged are just and reasonable; that the appropriation for the year 1907, from which said claim should be paid has not sufficient funds remaining therein to pay said claim; that, therefore, this claim is illegal and invalid against the City of New York, but notwithstanding in my judgment it is equitable and proper for the City to pay said claim in the sum of $56.10, inasmuch as the City has received a benefit and derived an advantage which in money value is equal to such sum, claimant's actual outlay without interest and without profit, and that $56.10 is the amount which should be paid in full satisfaction of said claim.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907, as amended, the Board of Estimate and Apportionment hereby determines that the City has received a benefit from Cavanagh Bros. & Co. and is justly and equitably obligated to pay, without interest, the sum of fifty-six dollars and ten cents ($56.10) for kerosene oil furnished the Department of Water Supply, Gas and Electricity September 14, 1908; that the said sum shall be paid in full satisfaction of the claim which has been presented on behalf of Cavanagh Bros. & Co. for the supplies above mentioned; that the interests of the City will be best subserved by the payment thereof, and that said sum shall be paid only upon the execution by said claimant of a full release in favor of the City in such form as may be approved by the Corporation Counsel, and the Comptroller is hereby authorized to pay said claim in the sum of fifty-six dollars and ten cents ($56.10) from the "Fund R. C. L.—11B, Revenue Bond Fund for Claims," to be reimbursed from the "General Fund."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

A. B. Nicholas, Inc.—Claim of (Cal. No. 52).

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 22, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Under and pursuant to section 246 of the charter, I hereby certify that a claim has been presented by A. B. Nicholas, Inc., for the sum of $387.12, which is alleged to be due for certain excess work and materials furnished, in 1912, in repairing sewer outlet at Kent avenue and Franklin streeet, Brooklyn, in connection with the work ordered by Commissioner of Public Works Pounds under open market order No. 2918, September 9, 1912; that a mutual mistake was made as to quantity of materials and labor to be supplied at the time said order No. 2918 was issued, and that additional work and supplies were necessary to complete the work called for in said order; that said excess work and materials were furnished by claimant on informal, verbal orders; that they were furnished in good faith and actually received and used by the Department of Public Works, Borough of Brooklyn; that no action has been instituted on this claim; that claimant's charges are just and reasonable to the extent of $230.05; that the appropriation for the year 1912, from which said claim might have been paid had it been a legal claim, has no funds remaining therein; that, therefore, this claim is illegal and invalid against the City, but, notwithstanding, in my judgment, it is equitable and proper for the City to pay said claim in the sum of $230.05, a sum not greater than claimant's outlay without profit and without interest, inasmuch as the City has received a benefit and derived an advantage which in money value is equal to such sum, and that $230.05 is the amount which should be paid in full satisfaction of said claims, to be paid from "Fund R. C. 11B—Revenue Bond Fund for Claims," to be refunded from "General Fund," to which $9,187.85 has been transferred from fund "Repairs and Replacements by Contract or Open Order 1953—Sewers, 1912," the fund from which the claim would have been paid had it been a legal and valid claim.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That pursuant to Section 246 of the Greater New York Charter, being Chapter 601 of the Laws of 1907, as amended, the Board of Estimate and Apportionment hereby determines that The City has received a benefit from A. B. Nicholas, Inc., and is justly and equitably obligated to pay, without interest, the sum of two hundred and thirty dollars and five cents ($230.05) for excess labor and materials furnished the Department of Public Works, Brooklyn, in repairing the outlet of sewer at Kent avenue and Franklin street, Brooklyn, 1912; that the said sum shall be paid in full satisfaction of the claim which has been presented on behalf of A. B. Nicholas, Inc., in the sum of three hundred and eighty-seven dollars and twelve cents ($387.12) for labor and materials furnished as above mentioned; that the interests of The City will be best subserved by the payment thereof, and that said sum shall be paid only upon the execution by said claimant of a full release in favor of The City in such form as may be approved by the Corporation Counsel, and the Comptroller is hereby authorized to pay said claim in the sum of two hundred and thirty dollars and five cents ($230.05) from the "Fund R. C. L. 11B, Revenue Bond Fund for Claims," to be refunded from "General Fund" to which nine thousand, one hundred and eighty-seven dollars and eighty-five cents ($9,187.85) has been transferred from fund "Repairs and Replacements by Contract or Open Order 1953, Sewers, 1912."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Docks and Ferries—Modification of Schedules and Transfer of Appropriations (Cal. No. 53).

The Secretary presented the following:

City of New York, Department of Docks and Ferries, July 15, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment:*

Sir—At a meeting of the Board of Estimate and Apportionment, held June 19, a resolution was adopted recommending to the Board of Aldermen that a grade of $4,000 per annum be fixed for this Department in the position of Assistant Secretary. The grade has now been established by the Board of Aldermen.

In the budget for this Department for the year 1913, in code 238, there is an unassigned balance of $712 available for salary increase. I request that $400 of this unassigned balance be transferred to code 229, that the present line for Assistant Secretary at $3,600 per annum be dropped, and that provision be made for Assistant Secretary to the Department at the rate of $4,000 per annum. Yours very truly,

R. A. C. SMITH, Commissioner of Docks.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 21, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 15, 1913, the Commissioner of Docks requested modification of two salary schedules involving a cash transfer of $200 within appropriations to his department for the year 1913. In connection therewith I report as follows:

In Personal Service, Salaries Regular Employees, Ferries, No. 238, Operation, the line, "Balance Unassigned (A. S. I.), $1,352," is changed to read "Balance Unassigned (A. S. I.), $952," and $400 is transferred to No. 229 Executive, to provide for an increase shown therein.

In General Administration, No. 229, Executive, the $400 transferred from 238 is used for an increase in the salary of Mr. Francis J. Ryan, Assistant Secretary to the Department, from $3,600 to $4,000 per annum. Mr. Ryan's position as Assistant Secretary is unusual in that he is in the classified service. Nearly all other secretarial positions are exempt. In view of the highly responsible duties performed by Mr. Ryan, I believe a salary of $4,000 a year would be proper.

The increase is made in accordance with the resolution adopted by your Board on June 19, 1913, and by the Board of Aldermen on July 1, 1913, establishing the grade of position of Assistant Secretary at $4,000 in the Department of Docks and Ferries.

The following table shows the line item changes in detail:

Code No.	Schedule Line.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
229	Assistant Secretary, 1 at $3,600	.....	$3,600 00	.....	$1,800 00
	*Assistant Secretary, at $4,000 (A. S. I. $1,600).....	$4,000 00	.....	2,000 00	.....
238	Balance Unassigned, $1,358 (A. S. I.)	.....	400 00	.....	200 00
		$4,000 00	$4,000 00	$2,000 00	$2,000 00

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Department of Docks and Ferries for the year 1913, as follows:

FROM

Personal Service, Salaries Regular Employees, Ferries.

238 Operation $200 00

TO

Personal Service, Salaries Regular Employees, General, Administration.

229 Executive $200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised for the Department of Docks and Ferries for the year 1913, to be effective as of July 1, 1913, as follows:

DEPARTMENT OF DOCKS AND FERRIES.

Personal Service, Salaries, Regular Employees, General Administration.

229	Executive—	
	Commissioner	$7,500 00
	First Deputy Commissioner	5,000 00
	Second Deputy Commissioner	5,000 00
	Secretary to Commissioner	3,000 00
	Secretary to Department	4,000 00
	*Assistant Secretary to Department at $4,000 (A. S. I., $1,600)	4,000 00
	Chief Clerk	4,000 00
	Clerk, 2 at $2,100	4,200 00
	Clerk, 3 at $1,800	5,400 00
	Clerk	1,500 00
	Clerk	1,200 00
	Clerk, 2 at $900	1,800 00
	Chief Confidential Inspector	2,200 00
	Assistant Confidential Inspector, 2 at $1,200	2,400 00
	Stenographer and Typewriter, 2 at $1,500	3,000 00
	Stenographer and Typewriter, 2 at $1,100	2,200 00
	Stenographer and Typewriter, 4 at $900	3,600 00
	Assistant Engineer	2,100 00
	Searcher	2,000 00
	Messenger, 4 at $1,200	4,800 00
	Telephone Operator, 2 at $1,050	2,100 00
	Engineman, Locomobile, 2 at $1,500	3,000 00
	Real Estate Investigator	3,000 00
		$77,000 00

Personal Service, Salaries Regular Employees, Ferries.

238	Operation—	
	Supervising Marine Engineer, 2 at $2,500	$5,000 00
	Captain, 24 at $1,920	46,080 00
	Quartermaster, 24 at $1,200	28,800 00
	Deckhand, 171 at $792	135,432 00
	Chief Marine Engineer, 31 at $1,800	55,800 00
	Marine Engineer, 28 at $1,650	46,200 00
	Oiler, 31 at $1,140	35,340 00
	Water Tender, 43 at $1,140	49,020 00
	Marine Stoker, 128 at $1,080	138,240 00
	Ticket Agent, 29 at $960	37,440 00
	Ticket Chopper, 19 at $792	15,048 00
	Foreman Laborer, 5 at $1,460	7,300 00

Foreman Wireman	1,650 00
Mate, 24 at $900	21,600 00
*Balance Unassigned (A. S. I.)	952 00
*Balance Unassigned (N. A. S. I.)	610 00
	$624,512 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Docks and Ferries—Modification of Schedule (Cal. No. 54).

The Secretary presented the following:

The City of New York, Department of Docks and Ferries, July 1, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor and Chairman of the Board of Estimate and Apportionment:*

Sir—This Department requires the services of an additional Wireman in the Bureau of Ferries, temporarily. In order to make provision for this temporary employment, I request that Code No. 251 in the 1913 Budget, "Personal Services—Wages of Temporary Employees—Ferries—Maintenance," be modified as follows:

Drop—

Diver, at $10 per day (61 days)	$610 00
Diver's Tender, at $3.50 per day (61 days)	213 50
Wiremen, at $4.50 per day (26 days)	117 00
Add—	
Wireman, at $4.50 per day (209 days)	940 50

This will make no change in the total amount of the schedule.

Very truly yours, R. A. C. SMITH, Commissioner of Docks.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 17, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 1, 1913, the Commissioner of Docks requested modification of a wage schedule in his department for the year 1913. In connection therewith I report as follows:

The request is in Personal Service, Wages Temporary Employees, Ferries, No. 251, Maintenance. It is proposed to increase the days for Wireman, at $4.50, from 26 to 209. The $823.50 necessary for this change is to be obtained by dropping the 61 days for Diver, at $10 per day, and 61 days for Diver's Tender, at $3.50 per day.

The Wiremen are necessary in order to comply with the order of the Department of Water Supply, Gas and Electricity, calling for new wiring in the ferry terminals.

The following table shows the line item changes in detail:

Code No.	Schedule Line.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
251	Diver, at $10 per day (61 days)	.....	$610 00	.....	$610 00
	Diver's Tender, at $3.50 per day, (61 days)	.....	213 50	.....	213 50
	Wireman, at $4.50 per day, (26 days)	$823 50	.....	$823 50	.....
		$823 50	$823 50	$823 50	$823 50

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Docks and Ferries for the year 1913 as follows:

DEPARTMENT OF DOCKS AND FERRIES,

Personal Service, Wages, Temporary Employees, Ferries.

251	Maintenance—	
	Blacksmith, at $4.50 per day (12 days)	$54 00
	Blacksmith's Helper, at $3 per day (12 days)	36 00
	Carpenter, at $5 per day (36 days)	180 00
	Laborer, at $2.50 per day (265 days)	662 50
	Letterer, at $4.50 per day (265 days)	1,192 50
	Machinist, at $4.50 per day (58 days)	261 00
	Machinist's Helper, at $3 per day (606 days)	1,818 00
	Pipefitter, at $5.50 per day (42 days)	231 00
	Pipefitter's Helper, at $3 per day (42 days)	126 00
	Painter, at $4 per day (3,030 days)	12,120 00
	Saw Filer, at $4 per day (52 days)	208 00
	Ship Carpenter, at $4 per day (48 days)	192 00
	Wireman, at $4.50 per day (209 days)	940 50
	Balance unassigned	1 80
		$18,023 30

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Modification of Schedule and Transfer of Appropriation (Cal. No. 55).

The Secretary presented the following:

Fire Department of The City of New York, July 3, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment:*

Sir—Transfer and modification of salary accounts of this department for the year 1913 as shown by the attached schedule are requested. This transfer is within the total appropriation made to this department for salaries and is in accordance with the rules of the Board of Estimate and Apportionment.

Respectfully, GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 3, 1913, the Fire Commissioner requested modification of two salary schedules in his department for 1913, involving transfer of $300. In connection therewith I report as follows:

In No. 1363 the line Clerk, 2 at $1,200, is changed to read: Clerk, 1 at $1,200; *Clerk, 1 at $1,500 (A. S. I. $700).

In No. 1366 the line Clerk, 2 at $900, is changed to read: Clerk, 1 at $900; *Clerk, 1 at $600 (N. A. S. I.).

The $300 remaining in No. 1366 is transferred to No. 1363 and used for the purpose of increasing from $1,200 to $1,500 the salary of John H. Kelly, Clerk in the Bureau of Fire Marshal, Boroughs of Brooklyn and Queens. Mr. Kelly entered the Fire Department as Junior Clerk on March 13, 1902. He received various promotions, and on May 1, 1908, his salary was fixed at $1,200. The Commissioner states that Mr. Kelly has charge of the records of the Bureau and, in the absence of the Fire Marshal, takes charge of the office. The line item changes are shown in detail in the following table:

Code No.	Title.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
1366	Clerk, 2 at $900	$900 00	.....	$375 00	.....
	*Clerk, at $600 (N. A. S. I.)	.....	600 00	.....	250 00
		$900 00	$600 00	$375 00	$250 00
		600 00	.....	250 00	.....
	Debit transfer	$300 00	.....	$125 00	.....

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Fire Department for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, Fire Fighting, Extinguishing Fires.

1366	Supervision	$125 00

TO

Personal Service, Salaries, Regular Employees, Fire Prevention, Investigation.

1363	Brooklyn and Queens	$125 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Fire Department, for the year 1913, to be effective as of August 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, Fire Prevention, Investigation.

1363	Brooklyn and Queens—	
	Fire Marshal	$3,000 00
	Assistant Fire Marshal	1,800 00
	Assistant Fire Marshal, 5 at $1,500	7,500 00
	Inspector	2,000 00
	*Clerk, 1 at $1,500 (A. S. I., $700)	1,500 00
	Clerk	1,200 00
	Stenographer and Typewriter	1,000 00
		$18,000 00

Fire Fighting, Extinguishing Fires.

1366	Supervision—	
	Chief of Department	$10,000 00
	Deputy Chief in charge of Brooklyn and Queens	7,500 00
	Deputy Chief, 14 at $4,200	58,800 00
	Battalion Chief, 47 at $3,300	155,100 00
	Clerk	1,500 00
	Clerk	1,350 00
	Clerk	900 00
	*Clerk (N. A. S. I.)	600 00
	Stenographer and Typewriter	1,800 00
	Stenographer and Typewriter, 2 at $900	1,800 00
	Draftsman	1,500 00
		$240,850 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Brooklyn—Modification of Schedules and Transfer of Appropriation (Cal. No. 56).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 11, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—Under date of July 2, we requested modification of salary schedule No. 2931, Tax Levy, Bureau of Highways. Our communication was as follows:

"1. For the elimination of one Clerk at $1,050 per annum and the substitution therefor of one Clerk at $750 per annum.

"2. For the increase of one Assistant Engineer from $2,250 to $2,400 per annum."

—this was in error, as it should have read the substitution of one Clerk at $900, instead of $750; in preparing the schedule report in your office $150 was placed in the unassigned balance.

I would thank you if you would kindly have correction made in this schedule and establish a line for Clerk at $900, instead of $750, utilizing the unassigned balance of $150. A. S. I. Yours very truly, L. H. POUNDS, Borough President.

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 14, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, Department of Finance, City of New York:*

Dear Sir—Your office is now preparing a report modifying salary schedule No. 2931 T. S.

In addition to what we have asked in our communication of July 11, we respectfully ask that you have report prepared for the establishment of the line:

Clerk $900 00

—and eliminating the line:

Clerk $750 00

—the $150 to be obtained by transferring same from account 2030 T. S., which will reduce the "Balance Unassigned" from $450 to $300 in schedule No. 2030.

I would thank you to kindly give this your early consideration.

Yours very truly, L. H. POUNDS, President of the Borough.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 11 and 14, 1913, the President of the Borough of Brooklyn requested modification of a salary schedule involving a cash transfer of $75 within appropriations in his office for the year 1913. In connection therewith, I report as follows:

In Personal Service, Salaries, Regular Employees, Care of Highways, Engineering and Inspection, No. 2931 TS, the line, "Clerk, 1 at $750" is changed to read, *Clerk, 1 at $900 (A. S. I. $400). It is proposed to increase the salary of Mr. John F. Quinn, a Clerk in the Bureau of Highways, from $750 to $900. A balance unassigned of $150 in the account will be used for the purpose. The line, "*Clerk, 1 at $750 (A. S. I. $50)" is changed to read, *Clerk, 1 at $900 (A. S. I., $200). The $150 required is to be transferred from No. 2930. It is proposed to fill this position by transferring Mr. George Norman, now a Clerk, at $750, in the Brooklyn office of the Department of Finance.

The following table shows the line changes in detail:

Account No.	Schedule Line.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
2931TS	Clerk, 1 at $750	.....	$750 00	.....	$375 00
	*Clerk, 1 at $900 (A. S. I., $400)	$900 00	.....	$450 00	.....
	Balance unasigned (A. S. I., $150)	.....	150 00	.....	75 00
	*Clerk, 1 at $750 (A. S. I., $50)	.....	750 00	.....	375 00

Foreman Wireman	1,650 00
Mate, 24 at $900	21,600 00
*Balance Unassigned (A. S. I.)	952 00
*Balance Unassigned (N. A. S. I.)	610 00
	$624,512 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Docks and Ferries—Modification of Schedule (Cal. No. 54).

The Secretary presented the following:

The City of New York, Department of Docks and Ferries, July 1, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor and Chairman of the Board of Estimate and Apportionment:*

Sir—This Department requires the services of an additional Wireman in the Bureau of Ferries, temporarily. In order to make provision for this temporary employment, I request that Code No. 251 in the 1913 Budget, "Personal Services—Wages of Temporary Employees—Ferries—Maintenance," be modified as follows:

Drop—	
Diver, at $10 per day (61 days)	$610 00
Diver's Tender, at $3.50 per day (61 days)	213 50
Wiremen, at $4.50 per day (26 days)	117 00
Add—	
Wireman, at $4.50 per day (209 days)	940 50

This will make no change in the total amount of the schedule.

Very truly yours, R. A. C. SMITH, Commissioner of Docks.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 17, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 1, 1913, the Commissioner of Docks requested modification of a wage schedule in his department for the year 1913. In connection therewith I report as follows:

The request is in Personal Service, Wages Temporary Employees, Ferries, No. 251, Maintenance. It is proposed to increase the days for Wireman, at $4.50, from 26 to 209. The $823.50 necessary for this change is to be obtained by dropping the 61 days for Diver, at $10 per day, and 61 days for Diver's Tender, at $3.50 per day.

The Wiremen are necessary in order to comply with the order of the Department of Water Supply, Gas and Electricity, calling for new wiring in the ferry terminals.

The following table shows the line item changes in detail:

Code No.	Schedule Line.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
251	Diver, at $10 per day (61 days)	.....	$610 00	.....	$610 00
	Diver's Tender, at $3.50 per day, (61 days)	.....	213 50	.....	213 50
	Wireman, at $4.50 per day, (26 days)	$823 50	.....	$823 50	.....
		$823 50	$823 50	$823 50	$823 50

I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Docks and Ferries for the year 1913 as follows:

DEPARTMENT OF DOCKS AND FERRIES.

Personal Service, Wages, Temporary Employees, Ferries.

251	Maintenance—	
	Blacksmith, at $4.50 per day (12 days)	$54 00
	Blacksmith's Helper, at $3 per day (12 days)	36 00
	Carpenter, at $5 per day (36 days)	180 00
	Laborer, at $2.50 per day (265 days)	662 50
	Letterer, at $4.50 per day (265 days)	1,192 50
	Machinist, at $4.50 per day (58 days)	261 00
	Machinist's Helper, at $3 per day (606 days)	1,818 00
	Pipefitter, at $5.50 per day (42 days)	231 00
	Pipefitter's Helper, at $3 per day (42 days)	126 00
	Painter, at $4 per day (3,030 days)	12,120 00
	Saw Filer, at $4 per day (52 days)	208 00
	Ship Carpenter, at $4 per day (48 days)	192 00
	Wireman, at $4.50 per day (209 days)	940 50
	Balance unassigned	1 80
		$18,023 30

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Modification of Schedule and Transfer of Appropriation (Cal. No. 55).

The Secretary presented the following:

Fire Department of The City of New York, July 3, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment:*

Sir—Transfer and modification of salary accounts of this department for the year 1913 as shown by the attached schedule are requested. This transfer is within the total appropriation made to this department for salaries and is in accordance with the rules of the Board of Estimate and Apportionment.

Respectfully, GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 3, 1913, the Fire Commissioner requested modification of two salary schedules in his department for 1913, involving transfer of $300. In connection therewith I report as follows:

In No. 1363 the line Clerk, 2 at $1,200, is changed to read: Clerk, 1 at $1,200; *Clerk, 1 at $1,500 (A. S. I. $700).

In No. 1366 the line Clerk, 2 at $900, is changed to read: Clerk, 1 at $900; *Clerk, 1 at $600 (N. A. S. I.).

The $300 remaining in No. 1366 is transferred to No. 1363 and used for the purpose of increasing from $1,200 to $1,500 the salary of John H. Kelly, Clerk in the Bureau of Fire Marshal, Boroughs of Brooklyn and Queens. Mr. Kelly entered the Fire Department as Junior Clerk on March 13, 1902. He received various promotions, and on May 1, 1908, his salary was fixed at $1,200. The Commissioner states that Mr. Kelly has charge of the records of the Bureau and, in the absence of the Fire Marshal, takes charge of the office. The line item changes are shown in detail in the following table:

Code No.	Title.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
1366	Clerk, 2 at $900	$900 00	.....	$375 00	.....
	*Clerk, at $600 (N. A. S. I.)	.....	600 00	.....	250 00
		$900 00	$600 00	$375 00	$250 00
		600 00	.....	250 00	.....
	Debit transfer	$300 00	.....	$125 00	.....

I recommend the adoption of the attached resolutions granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Fire Department for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, Fire Fighting, Extinguishing Fires.

1366	Supervision	$125 00

TO

Personal Service, Salaries, Regular Employees, Fire Prevention, Investigation.

1363	Brooklyn and Queens	$125 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Fire Department, for the year 1913, to be effective as of August 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, Fire Prevention, Investigation.

1363	Brooklyn and Queens—	
	Fire Marshal	$3,000 00
	Assistant Fire Marshal	1,800 00
	Assistant Fire Marshal, 5 at $1,500	7,500 00
	Inspector	2,000 00
	*Clerk, 1 at $1,500 (A. S. I., $700)	1,500 00
	Clerk	1,200 00
	Stenographer and Typewriter	1,000 00
		$18,000 00

Fire Fighting, Extinguishing Fires.

1366	Supervision—	
	Chief of Department	$10,000 00
	Deputy Chief in charge of Brooklyn and Queens	7,500 00
	Deputy Chief, 14 at $4,200	58,800 00
	Battalion Chief, 47 at $3,300	155,100 00
	Clerk	1,500 00
	Clerk	1,350 00
	Clerk	900 00
	*Clerk (N. A. S. I)	600 00
	Stenographer and Typewriter	1,800 00
	Stenographer and Typewriter, 2 at $900	1,800 00
	Draftsman	1,500 00
		$240,850 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Brooklyn—Modification of Schedules and Transfer of Appropriation (Cal. No. 56).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 11, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—Under date of July 2, we requested modification of salary schedule No. 2931, Tax Levy, Bureau of Highways. Our communication was as follows:

"1. For the elimination of one Clerk at $1,050 per annum and the substitution therefor of one Clerk at $750 per annum.

"2. For the increase of one Assistant Engineer from $2,250 to $2,400 per annum."

—this was in error, as it should have read the substitution of one Clerk at $900, instead of $750; in preparing the schedule report in your office $150 was placed in the unassigned balance.

I would thank you if you would kindly have correction made in this schedule and establish a line for Clerk at $900, instead of $750, utilizing the unassigned balance of $150. A. S. I. Yours very truly, L. H. POUNDS, Borough President.

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 14, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, Department of Finance, City of New York:*

Dear Sir—Your office is now preparing a report modifying salary schedule No. 2931 T. S.

In addition to what we have asked in our communication of July 11, we respectfully ask that you have report prepared for the establishment of the line:

Clerk $900 00

—and eliminating the line:

Clerk $750 00

—the $150 to be obtained by transferring same from account 2030 T. S., which will reduce the "Balance Unassigned" from $450 to $300 in schedule No. 2030.

I would thank you to kindly give this your early consideration.

Yours very truly, L. H. POUNDS, President of the Borough.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 11 and 14, 1913, the President of the Borough of Brooklyn requested modification of a salary schedule involving a cash transfer of $75 within appropriations in his office for the year 1913. In connection therewith, I report as follows:

In Personal Service, Salaries, Regular Employees, Care of Highways, Engineering and Inspection, No. 2931 TS, the line, "Clerk, 1 at $750" is changed to read, *Clerk, 1 at $900 (A. S. I. $400). It is proposed to increase the salary of Mr. John F. Quinn, a Clerk in the Bureau of Highways, from $750 to $900. A balance unassigned of $150 in the account will be used for the purpose. The line, "*Clerk, 1 at $750 (A. S. I. $50)" is changed to read, *Clerk, 1 at $900 (A. S. I., $200). The $150 required is to be transferred from No. 2930. It is proposed to fill this position by transferring Mr. George Norman, now a Clerk, at $750, in the Brooklyn office of the Department of Finance.

The following table shows the line changes in detail:

Account No.	Schedule Line.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
2931TS	Clerk, 1 at $750	.....	$750 00	.....	$375 00
	*Clerk, 1 at $900 (A. S. I., $400)	$900 00	.....	$450 00	.....
	Balance unasigned (A. S. I., $150)	.....	150 00	.....	75 00
	*Clerk, 1 at $750 (A. S. I., $50)	.....	750 00	.....	375 00

Account No.	Schedule Line.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
	*Clerk, 1 at $900 (A. S. I., $200)	900 00	.....	450 00	.....
2930TS	Balance unassigned (A. S.	.....	150 00	.....	75 00
		$1,800 00	$1,800 00	$900 00	$900 00

I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the office of the President of the Borough of Brooklyn for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, Care of Highways, Executive.

2930TS. Tax Levy and Special and Trust Fund Force..... $75 00

TO

Personal Service, Salaries, Regular Employees, Care of Highways, Engineering and Inspection.

2931TS. Tax Levy and Special and Trust Fund Force..... $75 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Brooklyn for the year 1913, to be effective as of July 1, 1913, as follows:

PRESIDENT, BOROUGH OF BROOKLYN.

Personal Service, Salaries Regular Employees, Care of Highways.

2931TS	Engineering and Inspection, Tax Levy and Special and Trust Fund Force—	
	Chief Engineer, 1 at $6,000	$6,000 00
	Assistant Engineer, 3 at $4,000	12,000 00
	Assistant Engineer, 3 at $3,000	9,000 00
	Assistant Engineer, 1 at $2,550	2,550 00
	Assistant Engineer, 2 at $2,250	4,500 00
	*Assistant Engineer, 1 at $2,400 (A. S. I., $900)	2,400 00
	Assistant Engineer, 1 at $2,100	2,100 00
	Assistant Engineer, 7 at $1,800	12,600 00
	Engineer-Inspector, 20 at $1,800	36,000 00
	Transitman, 4 at $1,800	7,200 00
	Transitman, 3 at $1,500	4,500 00
	*Transitman, 1 at $1,500 (A. S. I., $300)	1,500 00
	Transitman	1,200 00
	Topographical Draftsman	1,800 00
	*Topographical Draftsman, 1 at $1,650 (A. S. I., $650)	1,650 00
	Topographical Draftsman, 2 at $1,500	3,000 00
	Topographical Draftsman	1,200 00
	Leveler, 1 at $1,500	1,500 00
	Rodman, 1 at $1,200	1,200 00
	Rodman, 6 at $1,050	6,300 00
	Axeman, 6 at $900	5,400 00
	Chemist, 1 at $2,700	2,700 00
	Chemist Assistant, 1 at $1,500	1,500 00
	Laboratory Assistant, 2 at $900	1,800 00
	Inspector of Regulating, Grading and Paving, 1 at $1,650	1,650 00
	Inspector, 5 at $1,500	7,500 00
	Clerk, 1 at $1,500	1,500 00
	Clerk, 4 at $1,200	4,800 00
	*Clerk, 1 at $900 (A. S. I., $200)	900 00
	*Clerk, 1 at $1,050 (A. S. I., $450)	1,050 00
	*Clerk, 1 at $900 (A. S. I., $400)	900 00
	Stenographer and Typewriter, 2 at $1,200	2,400 00
	Typewriting Copyist, 1 at $1,050	1,050 00
	Messenger, 1 at $1,050	1,050 00
	Auto Engineman, 3 at $1,200	3,600 00
	Driver, 12 at $900	10,800 00
	Schedule total	$166,800 00
	Tax levy allowance	$66,543 00
	Special and trust fund allowance	100,257 00
	Total allowance	$166,800 00

Personal Service, Salaries Regular Employees, Care of Highways, Executive.

2930TS	Tax Levy and Special and Trust Fund Force—	
	Superintendent	$5,000 00
	Assistant Engineer	4,000 00
	Chief Clerk	3,000 00
	Superintendent of Complaints	2,550 00
	Clerk	2,100 00
	Clerk, 2 at $1,800	3,600 00
	Clerk	1,500 00
	*Clerk, 1 at $1,500 (A. S. I., $100)	1,500 00
	Clerk, 2 at $1,200	2,400 00
	*Clerk, 1 at $1,200 (A. S. I., $500)	1,200 00
	Cashier	1,200 00
	Stenographer and Typewriter, 2 at $1,200	2,400 00
	Stenographer and Typewriter	1,050 00
	Auto Engineman	1,200 00
	Driver	900 00
	*Balance unassigned (A. S. I.)	300 00
	Schedule total	$33,900 00
	Tax levy allowance	$28,350 00
	Special and trust fund allowance	5,550 00
	Total allowance	$33,900 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

New York Public Library—Modification of Schedules (Cal. No. 57).

The Secretary presented the following:

The Trustees of the New York Public Library, Astor, Lenox and Tilden Foundations, July 10, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—On behalf of the Board of Trustees of The New York Public Library, I hereby request the approval of the Board of Estimate and Apportionment of the following modifications in our salary appropriation, to take effect July 1, 1913:

Code 2212. Branch Libraries.

Omit the following lines:

Children's Librarian, 5 at $840	$4,200 00
Second Assistant, 68 at $660	44,880 00
Second Assistant, 30 at $600	18,000 00
Assistant, 114 at $540	61,560 00
	$128,640 00

And substitute therefor:

Children's Librarian, 7 at $840	$5,880 00
Second Assistant, 67 at $660	44,220 00
Second Assistant, 31 at $600	18,600 00
Assistant, 111 at $540	59,940 00
	$128,640 00

Very respectfully, E. H. ANDERSON, Secretary, Executive Committee.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 22, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 10, 1913, the Trustees of the New York Public Library requested modification of salary schedule No. 2212, Circulation of Books, Branch Libraries, for the year 1913. In connection therewith I report as follows:

It is proposed to increase the number of Children's Librarians, at $840, from 5 to 7; to decrease the number of Second Assistants, at $660, from 68 to 67; to increase the number of Second Assistants, at $600, from 30 to 31, and to decrease the number of Assistants, at $540, from 114 to 111. The changes are to meet payroll and library service conditions and involve no additional expenditure of funds.

I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the New York Public Library, for the year 1913, to be effective as of June 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, Circulation of Books.

		Paid from Tax Levy Appropriation.	Paid from Library Revenue.	Total.
2212	Branch Libraries—			
	Branch Librarian, Grade A	$1,500 00	.....	$1,500 00
	Branch Librarian, Grade A, 6 at $1,350	8,280 00	.....	8,280 00
	Branch Librarian, Grade A, 12 at $1,260	15,120 00	.....	15,120 00
	Branch Librarian, Grade A, 6 at $1,200	7,200 00	.....	7,200 00
	Branch Librarian, Grade A, 5 at $1,140	5,700 00	.....	5,700 00
	Branch Librarian, Grade A, 2 at $1,080	2,160 00	.....	2,160 00
	Branch Librarian, Grade A, 7 at $1,020	7,140 00	.....	7,140 00
	Branch Librarian, Grade A, 2 at $960	1,920 00	.....	1,920 00
	First Assistant, Grade B, 4 at $960	3,840 00	.....	3,840 00
	First Assistant, Grade B, 10 at $900	9,000 00	.....	9,000 00
	First Assistant, Grade B, 14 at $840	11,760 00	.....	11,760 00
	First Assistant, Grade B, 9 at $780	7,020 00	.....	7,020 00
	Children's Librarian	1,020 00	.....	1,020 00
	Children's Librarian, 3 at $960	2,880 00	.....	2,880 00
	Children's Librarian, 5 at $900	4,500 00	.....	4,500 00
	Children's Librarian, 7 at $840	5,880 00	.....	5,880 00
	Children's Librarian, 3 at $780	780 00	$1,560 00	2,340 00
	Second Assistant, Grade C, 24 at $720	17,280 00	.....	17,280 00
	Second Assistant, Grade C, 67 at $660	44,220 00	.....	44,220 00
	Second Assistant, Grade C, 31 at $600	18,600 00	.....	18,600 00
	Assistant, Grade D, 111 at $540	59,940 00	.....	59,940 00
	Assistant, Grade D, 62 at $480	29,760 00	.....	29,760 00
	Assistant, Grade D	240 00	.....	240 00
	Reading Room Custodian, 6 at $480	2,880 00	.....	2,880 00
	Reading Room Custodian, 14 at $420	5,880 00	.....	5,880 00
	Messenger	360 00	.....	360 00
	Messenger, 4 at $300	900 00	300 00	1,200 00
	Messenger, 52 at $150	.....	7,800 00	7,800 00
	Driver, 2 at $840	1,680 00	.....	1,680 00
	Unassigned Balance	40 00	.....	40 00
	Schedule Total			$287,140 00
	Tax Levy Allowance			$277,480 00
	Paid from Library Revenue			9,660 00
	Total Allowance			$287,140 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Modification of Schedules and Transfer of Appropriation (Cal. No. 58).

The Secretary presented the following

Fire Department of the City of New York, July 7th, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor and Chairman, Board of Estimate and Apportionment:*

Sirs—Transfer and modification of salary accounts of this department for the year 1913 as shown by the attached schedule are requested. This transfer is within the total appropriation made to this department for salaries and is in accordance with the rules of the Board of Estimate and Apportionment.

Respectfully, GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 21, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 7, 1913, the Deputy and Acting Fire Commissioner requested modification of salary schedules in his department for 1913, involving transfer of $1,800. In connection therewith, I report as follows:

In Schedule No. 1357, the line, "Clerk, 1 at $1,800," is changed to read: *Bookkeeper, 1 at $1,200 (N. A. S. I.), which position is transferred to account No. 1366. The remaining $600 available for salary increases is used to increase the salaries of four Bookkeepers $150 each. In No. 1366 the line, "Bookkeeper, 1 at $1,650," is changed to read: *Bookkeeper, 1 at $1,800 (A. S. I., $700); the line "Bookkeeper, 1 at $1,500," is changed to read: *Bookkeeper, 1 at $1,650 (A. S. I., $650); the line "Bookkeeper, 1 at $1,200," is changed to read: *Bookkeeper, 1 at $1,350 (A. S. I., $550), and a new line, *Bookkeeper, 1 at $1,200 (N. A. S. I.), is added.

In No. 1377, the line, "Bookkeeper, 1 at $1,350," is changed to read: *Bookkeeper, 1 at $1,500 (A. S. I., $600). It is proposed to fill the position of Bookkeeper, at $1,800, by promoting Robert L. Colligan, at present employed at $1,650. The position of Bookkeeper, at $1,650, is to be filled by promoting Benjamin Cohen, now receiving $1,500. The position of Bookkeeper, at $1,500, is to be filled by promoting Maurice Kluger, now receiving $1,350. The position of Bookkeeper, at $1,350, is to be filled by promoting Morris Pearl, now receiving $1,200. The vacant position of Bookkeeper, at $1,200, is to be filled from the Civil Service eligible list. The four men whose salaries are to be increased are in the employ of the City for a number of years. The Commissioner states that the men are employed at work which warrants the increase in salary. The grades of positions have been established in accordance with the provisions of section 56 of the Greater New York Charter. The salary increases are in conformity with the resolution of the Board of Estimate and Apportionment adopted on January 30, 1913, and entail no additional cost upon the City.

The line item changes in detail are shown in the following table:

Code No.	Title.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
1356	*Bookkeeper at $1,800 (A. S. I., $700)	.....	$1,800 00	.....	$750 00
	Bookkeeper, 1 at $1,650.....	$1,650 00	.....	$687 50	.....

Code No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
	*Bookkeeper at $1,650 (A. S. I., $650	.....	1,650 00	.....	687 50
	Bookkeeper, 1 at $1,500	1,500 00	.....	625 00	.....
	*Bookkeeper at $1,350 (A. S. I., $550)	.....	1,350 00	.....	562 50
	Bookkeeper, 1 at $1,200	1,200 00	.....	500 00	.....
	*Bookkeeper at $1,200 (N. A. S. I.)	.....	1,200 00	.....	500 00
		$4,350 00	$6,000 00	$1,812 50	$2,500 00
		.....	4,350 00	.....	1,812 50
	Credit transfer	.....	$1,650 00	.....	$687 50
1357	Clerk, 1 at $1,800	$1,800 00	.....	$750 00	.....
	Debit transfer	$1,800 00	.....	$750 00	.....
1377	Bookkeeper, 1 at $1,350	$1,350 00	.....	$562 50	.....
	*Bookkeeper at $1,500 (A. S. I., $600)	.....	$1,500 00	.....	$625 00
		$1,350 00	$1,500 00	$562 50	$625 00
		.....	1,350 00	.....	562 50
	Credit transfer	.....	$150 00	.....	$62 50

I recommend the adoption of the attached resolutions granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Fire Department for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, General Administration.

1357 Purchase and Storage of Supplies..... $750 00

TO

Personal Service, Salaries, Regular Employees, General Administration.

1356 Audit and Accounts $687 50

Maintenance of Apparatus and Equipment, Repairing.

1377 Manhattan, The Bronx and Richmond..... 62 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of schedules as revised, for the Fire Department, for the year 1913, to be effective as of August 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, General Administration.

1356	Audit and Accounts—	
	Clerk	$2,000 00
	*Clerk, 1 at $1,050 (A. S. I., $200)	1,050 00
	*Bookkeeper, 1 at $1,800 (A. S. I., $700)	1,800 00
	*Bookkeeper, 1 at $1,650 (A. S. I., $650)	1,650 00
	*Bookkeeper, 1 at $1,350 (A. S. I., $550)	1,350 00
	*Bookkeeper, 1 at $1,200 (N. A. S. I.)	1,200 00
	Typewriter Copyist	900 00
	Clerk	900 00
		$10,850 00
1357	Purchase and Storage of Supplies—	
	Clerk	$3,600 00
	Clerk, 1 at $2,000 (A. S. I., $1,000)	2,000 00
	Clerk, 2 at $1,650 (A. S. I., $650 each)	3,300 00
	Clerk, 2 at $1,200	2,400 00
	Clerk	1,050 00
	Clerk, 4 at $900	3,600 00
	Bookkeeper	1,200 00
	Stenographer and Typewriter (N. A. S. I.)	1,500 00
	Storekeeper	1,800 00
	Clerk	600 00
	Driver, 3 at $1,000	3,000 00
	Driver	912 00
	Balance unassigned (N. A. S. I.)	100 00
		$25,062 00
	Maintenance of Apparatus and Equipment, Repairing.	
1377	Manhattan, The Bronx and Richmond—	
	Chief of Construction and Repairs to Apparatus	$3,300 00
	Storekeeper	1,500 00
	*Bookkeeper, 1 at $1,500 (A. S. I., $600)	1,500 00
	Bookkeeper	1,200 00
	Clerk	1,200 00
	Clerk, 2 at $900	1,800 00
	Clerk, 2 at $1,050	2,100 00
	Timekeeper	1,050 00
	Mechanical Draftsman	1,200 00
	Foreman Laborer	1,200 00
	Watchman, 2 at $912.50	1,825 00
	Elevatorman	900 00
	Hostler, 4 at $912	3,648 00
	Driver, 3 at $1,000	3,000 00
	Driver	912 00
		$26,335 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

President, Borough of Manhattan—Authority to Repave Certain Streets (Cal. No. 59).

(On May 22, 1913, the request of the Acting President, Borough of Manhattan, in this matter, was referred to the Comptroller.)

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Manhattan, City Hall, May 22, 1913.

To the Honorable Board of Estimate and Apportionment:

Gentlemen—By the resolution of your Board authorizing the issue of bonds for repaving purposes, it is provided that, unless specially permitted by your Board, no street shall be repaved out of the proceeds of the bonds unless it can be shown that an original pavement has been paid for by the property owners.

It is necessary to repave this year—Elm street, from Reade street to Worth street; 2nd avenue, from 60th street to 74th street; Washington street, from 12th street to 14th street. Although diligent search has been made, it has been impossible to find original assessments for original paving upon Elm street, from Duane street to Worth street; 2d avenue, from 61st street to 63d street; Washington street, from Little West 12th street to 14th street.

I therefore respectfully request your Board to give me special authority to repave these sections of said streets and charge the cost of the repaving to the Repaving Bond Fund. Very truly yours,

E. V. FROTHINGHAM, Acting President, Borough of Manhattan.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 16, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On May 22, 1913, the Acting President of the Borough of Manhattan requested authority from the Board of Estimate and Apportionment to repave the following streets and charge the cost to the Repaving Bond Fund:

Elm street, from Duane to Worth street; 2d avenue, from 61st to 63d street; Washington street from Little West 12th street to 14th street.

The Acting President states that although diligent search has been made, it has been impossible to find assessments for the original pavements.

Investigation by an Assistant Engineer of the Department of Finance shows that assessments were levied for the original pavements on Elm and Washington streets within the limits described.

Assessments were confirmed for paving Elm street from Duane to (Anthony) White street, (which includes the section, Duane to Worth street), in 1815, and for paving Washington street, assessments were confirmed January 19, 1888.

Authority from the Board of Estimate and Apportionment for the repaving of these streets therefore, is unnecessary.

No record of an assessment for paving 2d avenue from 61st to 63d streets can be found. The avenue was regulated and graded between 53d and 80th streets about 1854, the assessment for the work having been confirmed on November 25 of that year. Subsequently, the avenue was paved and the property assessed on all except between 61st and 63d streets.

There being no record or other evidence that the original pavement on the said street within the area described was laid at the expense of the abutting property owners, or by local taxation, or by bond issues paid by the locality before consolidation, I am of the opinion that this part of the request should be denied.

I recommend the adoption of the attached resolution returning, without action, the requests relating to Elm street and Washington street and denying the request relating to 2d avenue.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby returns the request of the President of the Borough of Manhattan for authority to repave Elm street, from Duane to Worth street, and Washington street, from Little West 12th street to 14th street, and charge the cost to the Repaving Bond Fund without approval, such action being unnecessary; and be it further

Resolved, That the request of the President of the Borough of Manhattan for authority to repave 2d avenue, from 61st to 63d street, and charge the cost to the Repaving Bond Fund, be and the same hereby is *denied.*

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The Secretary was directed to return the communication, together with a copy of the report of the Comptroller to the President of the Borough of Manhattan.

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Department of Water Supply, Gas and Electricity—Approval of Form of Contract, etc. (Cal. No. 60).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Bureau of Supplies, 13-21 Park Row, New York, July 27, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City:*

Dear Sir—I transmit herewith, for report by you to the Board of Estimate and Apportionment, in accordance with the resolution adopted by said Board on July 17, 1911, as amended August 31, 1911, a form of contract, specifications, etc., for furnishing and delivering miscellaneous supplies (Draughtsmen Supplies), the estimated cost of which is $2,773.85; chargeable to C. D. W.—13.

I would ask that this be reported by you to the Board of Estimate and Apportionment at the next meeting, as the above material is very much needed to carry on the work of this Department.

Yours truly, J. W. F. BENNETT, Deputy and Acting Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 16, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 27, 1913, the Acting Commissioner of Water Supply, Gas and Electricity requested approval of the form of contract, specifications and estimate of cost in the sum of $2,773.85, for furnishing and delivering miscellaneous supplies, (Draughtsmen's supplies), for the use of the Department.

The cost is to be paid from a corporate stock fund of $1,768,243 approved by the Board of Estimate and Apportionment on January 31, 1908, and by the Board of Aldermen on March 18, 1908; and in the additional sum of $1,125,000 by the Board of Estimate and Apportionment on July 2, 1909, as amended on May 27, 1910, and concurred in by the Board of Aldermen on July 13, 1909, and June 7, 1910. The fund is entitled "C. D. W.—13, Water Fund, Boroughs of Manhattan and The Bronx." On July 14, 1913, an unencumbered balance of $18,281.24 remained in the fund.

The form of contract and specifications are satisfactory and the estimate of cost is reasonable.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves the form of contract, specifications and estimate of cost in the sum of of two thousand seven hundred and seventy-three dollars and eighty-five cents ($2,773.85), for furnishing and delivering miscellaneous supplies (Draftsmen's supplies) under the jurisdiction of the Department of Water Supply, Gas and Electricity, the cost to be paid from the corporate stock fund entitled "C D. W.—13, Water Fund, Boroughs of Manhattan and The Bronx," and if no bids are received for such work within such estimated cost this Board may, in its discretion, reconsider the amount of such estimated cost upon the bids so received, provided that any of said bids is within the amount authorized for such work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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Department of Water Supply, Gas and Electricity—Approval of Form of Contract, etc. (Cal. No. 61).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Bureau of Supplies, 13-21 Park row, New York, July 7, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City:*

Dear Sir—I transmit herewith, for report by you to the Board of Estimate and Apportionment, in accordance with the resolution adopted by said Board on July 17, 1911, as amended August 31, 1911, a form of contract, specifications, etc., for furnishing, etc., water mains, etc., in Bowne, Halsey, Henry, Lincoln, Monson, etc., etc., streets; in Bayhurst, Bayside, Costar, Ditmars, East, Ely, etc., etc., avenues; in Bayview and Cedar terraces; in Little Bayside and Whitestone roads; in Boulevard, Bradley's lane, Buchanan place, and East drive, in the 1st and 3d Wards, Borough of Queens, the estimated cost of which is $160,000; chargeable to C. D. W.—34.

I would ask that this be reported by you to the Board of Estimate and Apportionment as soon as possible.

Yours truly, J. W. F. BENNETT, Deputy and Acting Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 12, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 7, 1913, the Deputy and Acting Commissioner of Water Supply, Gas and Electricity requested approval of the form of contract, plans and specifications, and estimate of cost in the sum of $160,000 for furnishing, delivering and laying water mains and appurtenances in Bowne, Halsey, Henry, Lincoln, Monson, Pearsall, Poplar, Purdy, Taylor, Titus, Van Pelt, Willetts, 8th, 15th, 17th, 18th, 19th,

20th, 23d, 27th, 28th and 29th streets, in Bayhurst, Bayside, Costar, Ditmars, East, Ely, Florence, Graham, Highland, Hillcrest, Hillside, Hunters Point, Johns, Lawrence, Main, Parsons, Potter, Pullis, Van Alst, Vandeventer, Whitestone, Wolcott, 3d, 4th, 5th, 8th, 13th and 17th avenues; in Bayview and Cedar terraces; in Little Bayside and Whitestone roads; in Boulevard, Bradley's lane, Buchanan place and East drive, in the 1st and 2d Wards in the Borough of Queens.

The cost is to be paid from a corporate stock fund of $350,000 authorized by the Board of Estimate and Apportionment, April 17, 1913, and concurred in by the Board of Aldermen May 20, 1913, entitled "C. D. W.—34, Water Supply System, Borough of Queens, Distribution Mains."

On July 14, 1913, this entire fund was intact, and there had been transferred to it an unexpended balance of $11,776.51 from a fund of the same title and designation, authorized by the Board of Estimate and Apportionment, July 17, 1911. The total unencumbered balance in the fund, therefore, was $361,776.51.

The estimate of cost is reasonable. The form of contract, plans and specifications are suitable and satisfactory, and may properly be approved.

I recommend, therefore, the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves of the form of contract, plans, specifications and estimate of cost in the sum of one hundred and sixty thousand dollars ($160,000) for furnishing, delivering and laying water mains and appurtenances in Bowne Halsey, Henry, Lincoln, Monson, Pearsall, Poplar, Purdy, Taylor, Titus, Van Pelt, Willetts, 5th, 15th, 17th, 18th, 19th, 20th, 23d, 27th, 28th and 29th street; in Bayhurst, Bayside, Coster, Ditmars, East, Ely, Florence, Graham, Highland, Hillcrest, Hillside, Hunters Point, Johns, Lawrence, Main, Parsons, Potter, Pullis, Van Alst, Vendeventer, Whitestone, Wolcott, 3d, 4th, 5th, 8th, 13th and 17th avenues; in Bayview and Cedar terraces; in Little Bayside and Whitestone roads; in Boulevard, Bradleys lane, Buchanan place and East drive, in the 1st and 3d Wards of the Borough of Queens, under the jurisdiction of the Department of Water Supply, Gas and Electricity, the cost to be paid from the corporate stock fund entitled "C. D. W.—34, Water Supply System, Borough of Queens, Distribution Mains."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Water Supply, Gas and Electricity—Approval of Form of Contract, Etc. (Cal. No. 62).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Bureau of Supplies, 13-21 Park Row, New York, July 1, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City:*

Dear Sir—I transmit herewith, for report by you to the Board of Estimate and Apportionment, in accordance with the resolution adopted by said Board on July 17, 1911, as amended August 31, 1911, a form of contract, specifications, etc., and plans for furnishing and constructing a chlorinating plant at Kensico Reservoir, Valhalla, Westchester County, New York, the estimated cost of which is $3,500; chargeable to C. D. W.—13.

Owing to the existing temporary chlorinating plant operated by the Board of Water Supply for treating the Bronx River supply being abandoned on November 1, 1913, I would ask that this be reported by you to the Board of Estimate and Apportionment at the earliest possible date, in order that the same may be advertised and the work completed by that time.

Yours truly. J. W. F. BENNETT, Deputy and Acting Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 9, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 1, 1913, the Acting Commissioner of Water Supply, Gas and Electricity, requested approval of the form of contract, plans, specifications and estimate of cost, in the sum of $3,500 for furnishing and constructing a chlorinating plant at Kensico Reservoir, Valhalla, Westchester County, New York.

The cost is to be paid from a corporate stock fund of $1,768,243 approved by the Board of Estimate and Apportionment on January 31, 1908, and by the Board of Aldermen on March 18, 1908; and in the additional sum of $1,125,000 by the Board of Estimate and Apportionment on July 2, 1909, as amended on May 27, 1910, and concurred in by the Board of Aldermen on July 13, 1909, and June 7, 1910. The fund is entitled "C. D. W.—13, Water Fund, Boroughs of Manhattan and The Bronx." On July 7, 1913, a unencumbered balance of $18,281.24 remained in the fund.

The specifications have been amended in accordance with suggestion of the Department of Finance and are now satisfactory. The form of contract and plans are satisfactory, and the estimate of cost is reasonable.

I recommend the adoption of the attached resolution approving the form of contract and plans, the specifications as amended and the estimate of cost.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves the form of contract and plans, the specifications as amended, and the estimate of cost in the sum of three thousand five hundred dollars ($3,500) for furnishing and constructing a chlorinating plant at the Kensico Reservoir, Valhalla, Westchester County, New York, under the jurisdiction of the Department of Water Supply, Gas and Electricity, the cost to be paid from the fund entitled "C. D. W.—13, Water Fund, Boroughs of Manhattan and The Bronx," and if no bids are received for such work within such estimated cost this Board may in its discretion reconsider the amount of such estimated cost upon the bids so received, provided that any of said bids is within the amount authorized for such work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Public Charities—Approval of Form of Contract, Etc. (Cal. No. 63).

The Secretary presented the following:

Department of Public Charities of The City of New York, Foot of East 26th street, June 27, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller of The City of New York:*

Dear Sir—In accordance with a resolution adopted by the Board of Estimate and Apportionment directing that all City departments authorized by the said Board to incur obligations and execute contracts payable out of corporate stock submit plans, specifications, form of contract and estimates of cost prior to advertising for bids upon public works payable out of such corporate stock, I beg to submit for your consideration and report thereon to the Board of Estimate and Apportionment specifications, form of contract and estimate of cost for the following work:

"For furnishing all the labor and materials required for the installation of fire alarm signal systems, alterations, repairs, etc., in the various buildings under the jurisdiction of the Department of Public Charities, The City of New York."

This expenditure is chargeable to Department of Public Charities Building Fund, and the estimated cost is $45,170.

The exact title of the corporate stock authorized for this work is as follows:

"To provide means for the installation of fire alarm systems in buildings under the jurisdiction of the Department of Public Charities, as follows:

City Hospital District	$4,900 00
City Home District	6,500 00
Metropolitan Hospital District	7,000 00
Randalls Island	8,500 00
Farm Colony	3,600 00
Kings County Hospital	9,800 00
Cumberland Street Hospital	2,170 00
Miscellaneous Buildings	2,700 00
	$45,170 00"

I am anxious to advertise this work as soon as possible and will thank you for your kind cooperation.

Respectfully yours, MICHAEL J. DRUMMOND, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 11, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 27, 1913, the Commissioner of Public Charities requested approval of form of contract, specifications and estimates of cost, in the total sum of $45,170, for furnishing all labor and materials required for the installation of fire alarm signal systems, alterations, repairs, etc., in various buildings under the jurisdiction of the Department of Public Charities, the cost to be charged to eight corporate stock funds, all for the Department of Public Charities, Fire Alarm Systems, Subtitles 1 to 8, inclusive, as follows:

"C. C. H.—50A, City Hospital District, Subtitle 1."
"C. C. H.—50B, City Home District, Subtitle 2."
"C. C. H.—50C, Metropolitan Hospital District, Subtitle 3."
"C. C. H.—50D, Randalls Island, Subtitle 4."
"C. C. H.—50E, Farm Colony, Subtitle 5."
"C. C. H.—50F, Kings County Hospital, Subtitle 6."
"C. C. H.—50G, Cumberland Street Hospital, Subtitle 7."
"C. C. H.—50H, Miscellaneous Buildings, Subtitle 8."

An appropriation of $45,170 was approved for these funds by the Board of Estimate and Apportionment on March 6, 1913, and concurred in by the Board of Aldermen on March 25, 1913. On July 11, 1913, the unencumbered balances in these funds were as follows:

C. C. H.—50A, City Hospital District	$4,900 00
C. C. H.—50B, City Home District	6,500 00
C. C. H.—50C, Metropolitan Hospital District	7,000 00
C. C. H.—50D, Randalls Island	8,500 00
C. C. H.—50E, Farm Colony	3,600 00
C. C. H.—50F, Kings County Hospital	9,800 00
C. C. H.—50G, Cumberland Street Hospital	2,170 00
C. C. H.—50H, Miscellaneous Buildings	2,700 00
Total	$45,170 00

The form of contract and the specifications, amended at the suggestion of the Department of Finance, are satisfactory, and the estimates of cost, in the total sum of $45,170, are reasonable.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves the form of contract, specifications, as amended, and estimates of cost in the total sum of forty-five thousand one hundred and seventy dollars ($45,170) for furnishing all the labor and materials required for the installation of fire alarm signal systems, alterations, repairs, etc., in various buildings, under the jurisdiction of the Department of Public Charities, the cost to be charged to eight corporate stock funds, all for the "Department of Public Charities, Fire Alarm Signal Systems, Sub-titles 1 to 8, inclusive," as follows:

"C. C. H.—50A, City Hospital District, Sub-title 1."
"C. C. H.—50B, City Home District, Sub-title 2."
"C. C. H.—50C, Metropolitan Hospital District, Sub-title 3."
"C. C. H.—50D, Randalls Island, Sub-title 4."
"C. C. H.—50E, Farm Colony, Sub-title 5."
"C. C. H.—50F, Kings County Hospital, Sub-title 6."
"C. C. H.—50G, Cumberland Street Hospital, Sub-title 7."
"C. C. H.—50H, Miscellaneous Buildings, Sub-title 8."

—and if no bids are received for such work within such estimated costs, this Board may, in its discretion, reconsider the amounts of such estimated costs upon the bids so received, provided that any of said bids is within the amount authorized for such work.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen, and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Parks, Borough of Brooklyn—Approval of Plans, Etc. (Cal. No. 64).

The Secretary presented the following:

The City of New York, Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, Borough of Brooklyn, June 27, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—I am transmitting herewith for your approval, plans, form of contract and specifications for furnishing all labor and materials required in the erection and completion of the general contract and electrical work of a shelter house and comfort station, located in Highland Park, Borough of Brooklyn, together with all the work incidental thereto.

The estimated cost of this work is nine thousand two hundred and twenty-five dollars ($9,225), and is to be charged to the corporate stock fund entitled "General Improvement, Highland Park," Code No. C. D. P., 242K.

Very truly yours, M. J. KENNEDY, Commissioner.

The City of New York, Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, Borough of Brooklyn, June 27, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—I am transmitting herewith for your approval, plans, form of contract and specifications for furnishing all the labor and materials required in the erection and completion of the heating work for the shelter house and comfort station, located in Highland Park, Borough of Brooklyn, City of New York, together with all other work incidental thereto.

The estimated cost of this work is four hundred dollars ($400), and is to be charged to the corporate stock fund entitled "General Improvement, Highland Park," Code No. C. D. P., 242K.

Very truly yours, M. J. KENNEDY, Commissioner.

The City of New York, Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, Borough of Brooklyn, June 27, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—I am transmitting herewith for your approval, plans, form of contract and specifications for furnishing all labor and materials required in the erection and completion of the plumbing work for the shelter house and comfort station, located in Highland Park, Borough of Brooklyn, City of New York, together with all the work incidental thereto.

The estimated cost of this work is one thousand eight hundred dollars ($1,800), and is to be charged to the corporate stock fund entitled "General Improvement, Highland Park," Code No. C. D. P., 242K.

Very truly yours, M. J. KENNEDY, Commissioner.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 10, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 27, 1913, the Commissioner of Parks, Borough of Brooklyn, requested approval of plans, specifications, forms of contract and estimates of cost in the total sum of $11,425 on three contracts for the erection and completion of a Shelter House and Comfort Station in Highland Park, Borough of Brooklyn, as follows:

1. For all labor and material required, except for heating and plumbing and gasfitting, for the erection and completion of a Shelter House and Comfort Station in Highland Park, Borough of Brooklyn, at an estimated cost of $9,225.
2. For all labor and materials required for heating at an estimated cost of $400.
3. For all labor and materials required for plumbing and gasfitting, at an estimated cost of $1,800.

These contracts, aggregating $11,425, are to be charged against a corporate stock fund entitled "C. D. P. 242K, Improvement of Parks, Brooklyn and Queens, General Improvement of Highland Park." An appropriation of $45,000 was authorized for this fund by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 25, 1911. On July 11, 1913, an unencumbered balance of $14,949.77 remained in the fund.

The plans, specifications and forms of contract are satisfactory and the estimates of cost are reasonable.

I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.
The following resolution was offered:
Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves the plans, specifications, forms of contract and estimates of cost in the total sum of eleven thousand four hundred and twenty-five dollars ($11,425), for the erection and completion of a shelter house and comfort station in Highland Park, Borough of Brooklyn, under the jurisdiction of the Commissioner of Parks, Borough of Brooklyn, for the following contracts:
1. For all labor and materials required, except for heating and plumbing and gas-fitting, for the erection and completion of a shelter house and comfort station in Highland Park, Borough of Brooklyn, at an estimated cost of $9,225.
2. For all labor and materials required for heating, at an estimated cost of $400.
3. For all labor and materials required for plumbing and gas-fitting at an estimated cost of $1,800.
The total cost, in the sum of eleven thousand, four hundred and twenty-five dollars ($11,425), to be charged against the corporate stock fund entitled "C. D. P., 242K, Improvement of Parks, Brooklyn and Queens, General Improvement of Highland Park," and be it further
Resolved, That, in the event of the aggregate of the lowest bids for the three items of work (general construction, heating and plumbing and gasfitting) for the above-noted building, being equal to or less than the aggregate sum of the three items herein approved for the buildings (although the amount of the lowest bid for one or more of the items may exceed the amount approved for said item or items), then the awards for the three items, provided all three are awarded, may be made without further approval of the Board of Estimate and Apportionment; and if no bids are received for such work within such estimated cost, this Board may in its discretion, reconsider the amount of such estimated cost upon the bids so received, provided that any of said bids is within the amount authorized for such work.
Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Water Supply, Gas and Electricity—Approval of Form of Contract, etc. (Cal. No. 65).
The Secretary presented:
Report of the Comptroller, returning request of the Commissioner of Water Supply, Gas and Electricity for approval of form of contract, plans, specifications and estimate of cost ($20,000), for erecting extensions, etc., to the Flushing Pumping Station building, Borough of Queens, approval being unnecessary at this time.
Which was ordered filed, and the Secretary directed to return the communication to the Department of Water Supply, Gas and Electricity.

Department of Parks, Borough of Brooklyn—Approval of Form of Contract, etc. (Cal. No. 66).
The Secretary presented the following:
The City of New York, Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, Borough of Brooklyn, July 7, 1913.
To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City, New York:
Gentlemen—I am transmitting herewith for your approval, plan, contract form and specification for constructing cement walks on the east sidewalk of Ocean parkway, between Foster avenue and Avenue J, Borough of Brooklyn.
The estimated cost of this work is one thousand six hundred and eighty dollars ($1,680), and is to be charged to the corporate stock fund entitled "Laying sidewalks on Ocean Parkway, between Prospect Park and Coney Island," code number C. D. P., 244C. Very truly yours, M. J. KENNEDY, Commissioner.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 16, 1913.
To the Board of Estimate and Apportionment:
Gentlemen—On July 7, 1913, the Commissioner of Parks, Borough of Brooklyn, requested approval of form of contract, plans, specifications and estimate of cost in the sum of $1,680 for constructing a cement sidewalk on the east side of Ocean parkway, between Foster avenue and Avenue J, Borough of Brooklyn.
The cost of this work is to be charged to a corporate stock fund entitled "C. D. P. 244C, Department of Parks, Boroughs of Brooklyn and Queens, Laying Sidewalks on Ocean Parkway, from Prospect Park to Coney Island." An appropriation for this fund of $17,540 was authorized by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen July 25, 1911. On July 15, 1913, the unencumbered balance in the fund was $2,264.23.
The plans and specifications, as amended at the suggestion of the Finance Department, and the form of contract are satisfactory and the estimate of cost is reasonable.
I recommend the adoption of the attached resolution granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.
The following resolution was offered:
Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves of the form of contract, plans and specifications as amended, and the estimate of cost in the sum of one thousand six hundred and eighty dollars ($1,680) for constructing a cement sidewalk on the east side of Ocean Parkway, between Foster avenue and Avenue J, Borough of Brooklyn, under the jurisdiction of the Department of Parks, Borough of Brooklyn, the cost to be charged to the corporate stock fund entitled "C. D. P.—244C, Department of Parks, Boroughs of Brooklyn and Queens, Laying Sidewalks on Ocean Parkway, from Prospect Park to Coney Island," and if no bids are received for such work within such estimated cost, this Board may in its discretion reconsider the amount of such estimated cost upon the bids so received, provided that any of said bids is within the amount authorized for such work.
Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Bridges—Establishment of the Position of Engineering Inspector (Cal. No. 67).
The Secretary presented:
Report of the Comptroller advising that he has returned to the Commissioner of Bridges his request for the establishment of the grade of position of Engineering Inspector at $2,250 per annum, as under date of July 8, 1913, the Commissioner withdrew said request.
(On June 26, 1913, this matter was referred to the Committee on Salaries and Grades.)
Which was ordered filed.

Fire Department—Appropriation for Fire Houses (Cal. No. 68).
The Secretary presented:
Report of the Comptroller, Chairman of the Corporate Stock Budget Committee, transmitting copy of communication sent to the Chairman, Fire Committee, Civic Associations of Flatbush and Vicinity, relative to an appropriation for increasing fire protection in said section of Brooklyn, in which he advises that an appropriation for the extension of the Fire Alarm Telegraph System was authorized by the Board on June 26, 1913.
(On July 3, 1913, the above matter was referred to the Corporate Stock Budget Committee.)
Which was ordered filed.

President, Borough of Brooklyn—Issue of Corporate Stock (Cal. No. 69).
The Secretary presented:
Report of the Committee on Finance of the Board of Aldermen, adopted by said Board July 15, 1913, rejecting the resolution adopted by the Board of Estimate and Apportionment June 26, 1913, authorizing the issue of $30,000 corporate stock to provide means for the construction of a new Court House for the 5th District Magistrates' Court, at the corner of Bedford and Metropolitan avenues, Brooklyn, under the jurisdiction of the President of the Borough of Brooklyn.
Which was ordered filed.

County Clerk, Queens County—Establishment of Position of Temporary Copyist (Cal. No. 70).
(On June 26, 1913, the request of the County Clerk, Queens County, in this matter, was referred to the Comptroller.)
The Secretary presented the following:
Queens County Clerk's Office, Jamaica, N. Y., June 19, 1913.
Board of Estimate and Apportionment, 277 Broadway, New York City:
Gentlemen—In the month of April I made application to employ temporary Copyists, the compensation to be paid from the fund known as Salaries, Regular Employees, to the credit of this office. This application was disapproved by your Board on the report of the Comptroller, as it was contrary to the resolution of your Board, which prohibited the payment of temporary employees out of the fund for the payment of regular employees.
Under the provisions of section 4, chapter 540, of the Laws of 1912, the Clerk of the County of Queens is authorized and empowered to appoint "Such other assistants, clerks, employees and subordinates as shall be required for the performance of the duties of his office, and as shall be authorized, and at such compensation as shall be fixed by the Board of Estimate and Apportionment of the City of New York."
In accordance with this section, I am desirous of appointing at least twelve Copyists for employment in this office, and desire that the approval of your Board be given to these appointments. The accumulation of deeds, mortgages, etc., in this office awaiting the recording into the libers, is becoming so great now that I fear I will be unable to cope with any situation that might arise, by reason of this accumulation in the future. The receipt of instruments for record is now 55 per cent. greater than the number of papers that are being written up and returned to their owners, and as this amount seems to be getting larger every day you can readily see what a condition it will be in before the summer season is over. In order to take care of this accumulation I desire to appoint 12 additional Copyists, at the compensation fixed by the statute, $100 per month, for the remainder of the year. There is sufficient money in the account known as "Salaries, Regular Employees," and if these employees can be considered as regular employees the salaries can be paid out of this fund. It is very necessary that some action be taken in this matter at the earliest possible date, as I am fearful lest something should happen to these papers placed in my charge. I have no fireproof vaults or a safe large enough to contain them, and they are in danger of being destroyed by fire or stolen, and it is my wish that they be recorded and returned to their original owners as quickly as possible.
The responsibility is too great in a matter of this kind, where it can be obviated by resolution of your Board, and I would like to have you give this the earliest possible consideration you can. Yours very truly,
LEONARD RUOFF, County Clerk.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 9, 1913.
To the Board of Estimate and Apportionment:
Gentlemen—On June 19, 1913, the County Clerk of Queens County requested the establishment in his office pursuant to the provisions of chapter 540 of the Laws of 1912, of the additional grade of Temporary Copyist, at $100 per month, for 12 incumbents. In connection therewith I report as follows:
Section 4 of chapter 540 of the Laws of 1912 provides in part as follows:
"In addition to the officers and employees which the county clerk is authorized to appoint by the preceding section, he shall appoint * * * such other assistants, clerks, employees and subordinates as shall be required for the performance of the duties of his office, and as shall be authorized, and at such compensation as shall be fixed by the Board of Estimate and Apportionment of the City of New York."
The request is to provide for the employment of 12 temporary Copyists for the remainder of 1913 to copy unrecorded deeds, mortgages, etc., which have accumulated since January 1, 1913.
On January 1, 1913, the office of the County Clerk was changed from a fee to a salaried office, and all the appointments to the positions therein were made subject to the provisions of the Civil Service Law. The County Clerk states that because of the failure of the State Civil Service Commission to certify to him a sufficient number of Copyists, he was unable to appoint, during the first part of the year, the full force allowed him by law and necessary to perform the work.
About 45 per cent. of the instruments received for record are being recorded in the libers. The County Clerk is unable, therefore, to return documents to owners within a reasonable time, and the number of unrecorded papers is steadily increasing. The safe in the office is not large enough to contain the accumulation of unrecorded deeds, etc., which are not protected against destruction by fire.
If the establishment of the grade of temporary Copyists is authorized by the Board of Estimate and Apportionment, provision for the necessary funds may be made by the Comptroller under subdivision 7 of section 188 of the Greater New York Charter.
I recommend the adoption of the attached resolution approving the establishment to the extent of six incumbents at $100 per month.
Respectfully, WM. A. PRENDERGAST, Comptroller.
The following resolution was offered:
Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of chapter 540 of the Laws of 1912, hereby establishes in the office of the County Clerk of Queens County the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Month.	Number of Incumbents.
Temporary Copyist	$100 00	6

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.
The Secretary was directed to transmit a copy of the report of the Comptroller to the County Clerk, Queens County.

Board of Education—Amendment of Resolution Approving Schedule 3439 (Cal. No. 71).
The Secretary presented:
Report of the Comptroller, stating that no action is necessary on the resolution of the Board of Education adopted July 7, 1913, requesting the amendment of resolution adopted April 24, 1913, approving salary schedule No. 3439, Department of Education, as the temporary employee for whom the modification was made, has been paid for the last sixteen days of March.
Which was ordered filed, and the Secretary directed to transmit a copy thereof to the Board of Education.

Department of Water Supply, Gas and Electricity—Establishment of the Position of Architectural Designer (Cal. No. 72).
(On June 19, 1913, the above matter was referred to the Committee on Salaries and Grades.)
The Secretary presented the following:
The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, New York, June 17, 1913.
Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:
Dear Sir—I respectfully request that the Board of Estimate and Apportionment recommend to the Board of Aldermen, the establishment of the position of Architectural Designer, at $2,550 per annum, for one incumbent, for this Department.
Yours very truly, J. W. F. BENNETT, Deputy and Acting Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 9, 1913.
To the Board of Estimate and Apportionment:
Gentlemen—On June 17, 1913, the Commissioner of Water Supply, Gas and Electricity requested the establishment in his Department, pursuant to the provisions of section 56 of the Greater New York Charter, of the grade of position of the Architectural Designer, at $2,550 per annum, for one incumbent. In connection therewith we report as follows:
The Commissioner states:
"Mr. A. W. Falk, Architectural Draftsman, at $2,250 per annum, headed the

open competitive list for Architectural Designer at a salary of $2,400 and over when said list was promulgated in July, 1912. Mr. Falk was offered appointment from this list at a salary of $2,550 per annum for assignment to the Board of Education, the Fire Department and the Board of Water Supply, and refused these offers on the understanding that he would be appointed in this Department at a salary of $2,550 when the position has been established and the necessary change in schedule made.

"Mr. Falk, within the last three years, completed designs and specifications for structures to an estimated cost of nearly $700,000. Taking the usual Architect's charge of a 2½ per cent. for the design of structures, the value of the work done by Mr. Falk would be about $18,000, or about $6,000 per year. In addition to this work, he has prepared designs for repairs and alterations to buildings, tentative sketches for new buildings, etc.

"The proposed increase can be provided by modification of existing schedules in conformity with your resolution relative to salary increases adopted by your Board on January 30, 1913."

We recommend the adoption of the attached resolution approving the request.

Respectfully, WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Water Supply, Gas and Electricity of the position and grade, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Architectural Designer	$2,550 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Water Supply, Gas and Electricity—Establishment of the Grade of Position of Division Engineer (Cal. No. 73).

(On June 26, 1913, this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, New York, June 23, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment*, 277 Broadway, New York:

Dear Sir—I respectfully request that the Board of Estimate and Apportionment recommend to the Board of Aldermen the establishment of the position of Division Engineer in this Department, for one incumbent, at a salary of $4,000 per annum.

Yours very truly, J. W. F. BENNETT, Deputy and Acting Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 8, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 23, 1913, the Commissioner of Water Supply, Gas and Electricity requested the establishment, pursuant to the provisions of section 56 of the Greater New York Charter, of the grade of the position of Division Engineer, at $4,000 per annum, for one incumbent. In connection therewith we report as follows:

The Commissioner states as follows:

"The request for change in schedule to substitute Division Engineer at $4,000 for Division Engineer at $4,500 is to provide for the transfer of Division Engineer Thomas C. Atwood, from the Filtration to the Designing Division.

"In the past the Designing Division has hardly had sufficient force to properly handle the work assigned to it. This work is now increased by the studies required for the sanitary improvements on the Croton Watershed, which were formerly taken up by the Filtration Division, by the connections to be made between the Catskill system and the present distribution system, etc. Mr. Atwood was transferred from the Board of Water Supply to this Department in 1911 and at the time of his transfer was Division Engineer on the construction of the Catskill system within the City limits. He is therefore especially qualified to take up this portion of the work and is also well qualified, by his experience with the purification of Water Supply, to take up the work on the Croton Watershed. The proposed reduction in salary from $4,500 to $4,000 is due to the elimination of the filtration work which makes the work assigned to Mr. Atwood of a somewhat less responsible nature."

The establishment of the proposed grade will result in a decrease of $500.

We recommend the adoption of the attached resolution approving of the request.

Respectfully, WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Water Supply, Gas and Electricity of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Division Engineer	$4,000 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Law Department—Establishment of Certain Grades of Positions (Cal. No. 74).

(On January 16 and May 15, 1913, the requests of the Corporation Counsel for the establishment of these grades of positions were referred to the Committee on Salaries and Grades.)

The Secretary presented the following:

City of New York, Law Department, Office of the Corporation Counsel, New York, January 10, 1913.

To the Honorable the Board of Estimate and Apportionment of The City of New York:

Sirs—I request that there be established, pursuant to section 56 of the Charter, the two following positions in this Department:

Examiner with knowledge of Intalian language (1 incumbent at $1,200 per annum);

Examiner with knowledge of Yiddish language (1 incumbent at $1,200 per annum).

In my provisional estimate for 1913 I asked for a number of new Examiners, and part of the number asked for was allowed. In my estimate for 1914 I purpose asking for several additional Examiners, and it is desirable that one of the new appointees should be able to speak Italian and another Yiddish. Many of the claimants and witnesses in accident cases can speak only Italian or Yiddish, and there would be a great advantage in having an Examiner in this office who could converse with them in their own tongue. It is also frequently necessary to investigate accidents in neighborhoods where most of the people speak Italian or Yiddish, and a more thorough investigation could be made if we had Examiners who could speak and understand those languages.

My reason for asking you to take action on this matter now is the fact that after these positions have been created by your Board and the Board of Aldermen, under section 56 of the Charter, they must be classified by appropriate action of the Municipal Civil Service Commission, the Mayor and the State Civil Service Commission, and thereafter the Municipal Civil Service Commission must hold an examination and establish an eligible list. These preliminary steps will all take time, and should all be disposed of before the provisional estimate for 1914 is submitted or considered.

Yours respectfully, ARCHIBALD R. WATSON, Corporation Counsel.

City of New York, Law Department, Office of the Corporation Counsel, New York, May 7, 1913.

To the Honorable the Board of Estimate and Apportionment of The City of New York:

Dear Sirs—I request that there be created under the provisions of section 56 of the Charter the two following positions for this Department:

Examiner with knowledge of Yiddish (one incumbent), $1,200 per annum;

Examiner with knowledge of Italian (one incumbent), $1,200 per annum.

The position of Examiner at $1,200 per annum has already been created.

In many of the claims filed against the City for personal injuries the claimants or witnesses are not able to speak English and it is necessary to have one Examiner who speak Italian and another who speaks Yiddish.

In my departmental estimate for 1914 I will ask that these two positions be added to the salary schedule of this Department. Yours respectfully,

ARCHIBALD R. WATSON, Corporation Counsel.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 8, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On May 7, 1913, the Corporation Counsel requested, pursuant to the provisions of section 56 of the Greater New York Charter, establishment of the additional grade of Examiner at $1,200 per annum for two incumbents. In connection therewith we report as follows:

The request is for the establishment of the grades of Examiner with knowledge of the Italian language, and Examiner with knowledge of the Yiddish language, for one incumbent in each position at $1,200 per annum. It is proposed to employ these Examiners in the tort division of the Law Department. The Corporation Counsel states that more than sixty per cent. of the claims for personal injuries against the City are filed by persons who speak only the Italian or Yiddish languages. He further states that in order to examine properly the witnesses in such cases and to obtain all the evidence required it is absolutely necessary for him to have the services of Examiners who speak the languages of the claimants. The Corporation Counsel also states that the Civil Service Commission requires that grades be established for these positions prior to their holding a competitive examination for them.

In view of the foregoing we recommend the adoption of the attached resolution granting the request. Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, Acting President, Board of Aldermen; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the office of the Corporation Counsel, of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Examiner with knowledge of Yiddish.....	$1,200 00	1
Examiner with knowledge of Italian.....	1,200 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Establishment of the Grade of Position of Clerk (Cal. No. 75).

The Secretary presented:

Report of the Committee on Salaries and Grades recommending that the request of the Fire Commissioner for the establishment of the grade of position of Clerk, at $3,600 per annum, for one incumbent, be referred to the Committee on Standardization of Salaries and Grades.

(On July 3, 1913, the above request was referred to the Committee on Salaries and Grades.)

Which was referred to the Committee on Standardization of Salaries and Grades, consisting of the Comptroller and the Presidents of the Boroughs of Manhattan and Brooklyn.

The Secretary was directed to transmit a copy of said report to the Fire Commissioner.

Police Department—Increase in Salaries of Cleaners (Cal. No. 76).

The Secretary presented:

Report of the Committee on Salaries and Grades recommending that the petition of the Cleaners in the Police Department for an increase in their salaries from $50 per month to $2.50 per diem, be referred to the Committee on Standardization of Salaries and Grades.

(On May 22, 1913, the petition was referred to the Committee on Salaries and Grades.)

Which was referred to the Committee on Standardization of Salaries and Grades, consisting of the Comptroller and the Presidents of the Boroughs of Manhattan and Brooklyn.

The Secretary was directed to transmit a copy of said report at Alfred M. Argrella, 132 Shepard avenue, Brooklyn.

Department of Education—Congestion, Etc., Richmond Hill High School (Cal. No. 77.)

The Secretary presented:

Report of the Corporate Stock Budget Committee, recommending that the communication from Mr. Louis A. Richter, Secretary, Local School Board District No. 44, containing copy of preamble and resolutions adopted by said School Board regarding the congestion and lack of proper school facilities at Richmond Hill High School, etc., be placed on file.

(On June 26, 1913, the communication from Mr. Richter was referred to the Corporate Stock Budget Committee and to the Board of Education.)

Communication from the Glendale Taxpayers' Association supporting the communication of Mr. Richter.

Which were ordered filed, and the Secretary directed to transmit a copy of the report of the Comptroller to Mr. Richter and to the Glendale Taxpayers' Association.

Public Service Commission for the First District—Issue of Corporate Stock (Cal. No. 78).

(On May 15, 1913, the request of the Public Service Commission in this matter was referred to the Corporate Stock Budget Committee.)

The Secretary presented the following:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau St., New York, May 13, 1913.

To the Board of Estimate and Apportionment of The City of New York:

Under date of June 25, 1909, your Honorable Board appropriated upon the requisition of the Commission the sum of $160,000 for the purpose of constructing a shaft at the 181st Street Station of the Manhattan-Bronx Rapid Transit Railroad, sufficient to accommodate four additional elevators and for the installation of two of such elevators; the installment of the remaining two elevators being deferred.

This work has been completed and the Commission is informed by its Chief Engineer that aside from the extra work hereinafter referred to, the expense to the Rapid Transit Subway Construction Company has exceeded the amount appropriated by you for the purpose, to wit, the sum of $160,000. The original estimate is based upon certain plans and after the work was under way it was found that the space provided in those plans for the installment of certain elevator machinery in the bottom of the shaft was not sufficient. The plans were thereupon modified to care for this condition and the work actually executed in accordance with the modified plans. The Commission is advised by its Chief Engineer that the expense growing out of this change was $4,049.99 and that this is a proper extra allowance.

The original appropriation of $160,000 is exhausted with the exception of the sum of $1,515.56, being premiums upon the sale of corporate stock which are credited to this account upon the books of the Finance Department. There therefore remains a balance for which an appropriation is necessary, amounting to $2,534.43.

The Commission, therefore, in pursuance of section 37 of chapter 4 of the Laws of 1891 as amended, known as the Rapid Transit Act, and in pursuance of the Public Service Commissions Law, hereby makes requisition upon the Board of Estimate and

Apportionment of The City of New York for the authorization of bonds of The City of New York to be sold by the Comptroller thereunder, sufficient to meet the requirements of extra work under the contract with John B. McDonald for the construction of the Manhattan-Bronx Rapid Transit Railroad to the amount of $2,534.43.

In witness whereof the Public Service Commission for the First District has caused this requisition to be signed by its Chairman and its official seal to be hereto affixed and attested by its Secretary this 13th day of May, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By EDWARD E. McCALL, *Chairman.*

Attest: TRAVIS H. WHITNEY, Secretary.

Resolved, That the Commission make requisition upon the Board of Estimate and Apportionment of The City of New York for the authorization of bonds of The City of New York to be sold by the Comptroller thereunder sufficient to meet the requirements of extra work under the contract with John B. McDonald for the construction of the Manhattan-Bronx Rapid Transit Railroad to the amount of two thousand five hundred and thirty-four and 43/100 dollars ($2,534.43).

State of New York, County of New York, ss.:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify, that I have compared the above with the original adopted by said Commission May 13, 1913, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission, this 13th day of May, 1913.

TRAVIS H. WHITNEY, Secretary.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, June 13, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On May 13, 1913, the Public Service Commission for the First District made requisition, duly signed and attested, for the sum of $2,534.43, being the balance necessary to complete the construction of an elevator shaft at the 181st Street Station of the Manhattan-Bronx Rapid Transit Railroad. In connection therewith we report as follows:

On June 15, 1909, your Board authorized an appropriation of $160,000 for the construction of a shaft and the installation of two elevators, also for platform changes at the 181st Street Station. The Commission states that the original estimate was based upon certain plans, and as the work progressed it was found that the space provided in the plans for certain elevator machinery at the bottom of the shaft was insufficient. The plans were modified and the work executed in accordance with the modifications. The expense of this change was $4,049.99. A balance of $1,515.56 remains of the original appropriation. The requisition of $2,534.43 is for the difference between the cost of the extra work and the existing balance in the appropriation.

We recommend the adoption of the attached resolution authorizing the appropriation. Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 37 of chapter 4, Laws of 1891, as amended, and chapter 429, Laws of 1907, as amended, and a requisition of the Public Service Commission for the First District, duly made by the Chairman and Secretary thereof on May 13, 1913, the Comptroller be and is hereby authorized to issue corporate stock of The City of New York to an amount not exceeding two thousand five hundred and thirty-four dollars and forty-three cents ($2,534.43), the proceeds thereof to be applied to meet the requirements of extra work under contract with John B. McDonald for the construction of the Manhattan-Bronx Rapid Transit Railroad.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Queens Borough Public Library—Issue of Corporate Stock (Cal. No. 79).

The Secretary presented:

Report of the Corporate Stock Budget Committee, recommending that the request of the Queens Borough Public Library for $35,000 corporate stock for the acquisition of a site and the erection of a public library at Corona, L. I., be denied.

Which was referred back to the Corporate Stock Budget Committee, consisting of the Comptroller, the President of the Board of Aldermen, and the President of the Borough of Manhattan.

President, Borough of Brooklyn—Appropriation for Improvement of Eighth Ward Market, Brooklyn (Cal. No. 80).

The Secretary presented:

Report of the Corporate Stock Budget Committee, recommending that the resolution of the Board of Aldermen recommending an appropriation of $500,000, or as much thereof as may be necessary, for the improvement of the 8th Ward Market, Borough of Brooklyn, be placed on file.

(On June 26, 1913, the above matter was referred to said Committee.)

Which was ordered on file, and the Secretary directed to transmit a copy thereof to the Board of Aldermen.

Board of Estimate and Apportionment—Appointments to Efficiency and Budget Advisory Staff (Cal. No. 81).

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 24, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—Under a resolution adopted by the Board of Estimate and Apportionment on March 13, the Budget Committee was authorized to arrange for the employment of persons to fill the positions in the Efficiency and Budget Advisory Staff of the Board.

The Budget Committee therefore requests the approval of the Board in the matter of the following appointments:

Mr. George L. Bennett of 3321 Giles place, Borough of The Bronx, to the position of Associate Efficiency Engineer, at $2,700 per annum.

Mr. Samuel T. Goodwin of 430 East 136th street, New York, to the temporary position of Associate Efficiency Engineer at $225 per month, for a period not to exceed three months.

Mr. N. C. Shield of 126 West 91st street, New York, to the temporary position of Efficiency Examiner, at $125 per month, for a period of five months.

Mr. Clifford A. Hahn of 169a Monroe street, Brooklyn, to the temporary position of Draftsman, at $125 per month, for a period of five months.

The appointment of Mr. Bennett is to be made by a transfer in the competitive class from the position which he now holds with the Borough of The Bronx as assistant to the Chief Engineer of that Borough at a salary of $2,700 per annum. The approval of the Municipal Civil Service Commission to this transfer has already been secured.

The temporary appointments of Mr. Goodwin and Mr. Shield have been approved by the Civil Service Commission under the provision of rule 12, paragraph 6, of the Civil Service Regulations, which permits the temporary employment of individuals engaged in private business, who are to render professional, scientific, technical or expert services of an occasional or exceptional character to any City officer.

Mr. Goodwin's qualifications for this position lie in his expert training in the handling and management of labor along efficiency lines.

Mr. Shield is an expert in statistical work in connection with mechanical sorting and tabulating machines.

Mr. Hahn, who is a Topographical Draftsman, at present employed in the office of the Borough of Manhattan at a salary of $1,200, will be appointed by transfer in the competitive class. The approval of the Municipal Civil Service Commission to this transfer has already been secured.

Your Committee recommends the adoption of the attached resolution giving the approval of the Board in the matter of the appointments referred to in this report.

Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President of the Board of Aldermen; GEORGE McANENY, President of the Borough of Manhattan, Budget Committee, Board of Estimate and Apportionment.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves and authorizes the appointment of the following persons to the positions established for the Efficiency and Budget Advisory Staff of this Board: George L. Bennett, Associate Efficiency Engineer, at $2,700 per annum; Samuel T. Goodwin, Associate Efficiency Engineer (temporary), at $225 per month; N. C. Shield, Efficiency Examiner (temporary), at $125 per month; Clifford A. Hahn, Draftsman (temporary), at $125 per month.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Board of Education—Allotment of Balances of Certain Funds (Cal. No. 82).

The Secretary presented:

Communication from the Board of Education, requesting the allotment from the balances of certain funds of a sufficient sum of money to provide for the salaries for the balance of the year of twelve Clerks, at the rate of $1,500 each, to be employed in the extension of the statistical work in the Bureau of Supplies.

Which was referred to the Comptroller, and to the Committee on School Inquiry, consisting of the President of the Board of Aldermen, the Comptroller and the President of the Borough of The Bronx.

President, Borough of Manhattan—Adequate Water Supply on Barren Island (Cal. No. 83).

The Secretary presented the following:

July 26, 1913.

To the Honorable Board of Estimate and Apportionment, New York City.

Dear Sirs—The Department of Water Supply, Gas and Electricity has been petitioned by the North American Civic League for Immigrants to furnish the necessary water connection on Barren Island, so that the colony of five or six hundred people situate on the west end of the Island may be enabled to use the water from the school well, which is situated at a distance of between one-quarter and one-half mile from the houses. The Department of Water Supply, Gas and Electricity replied that it could not, without special directions from the Board of Estimate and Apportionment, make any application for funds to provide for the expense of installing this pipe, and suggested that a petition be presented to the Board of Estimate in relation to this matter.

Barren Island is divided by a creek and a slough into the east and west ends. About seven or eight hundred people reside on the East end and are provided with water from the artesian well of the Sanitary Utilization Company, which has piped the water to every alternate yard. Between five and six hundred people reside on the West end of the Island and are without such water facilities with the exception of a few families who, at their own expense, have piped water from the so-called "Dead Animal Factory."

Two years ago the people on this end of the Island had about twenty surface wells from which they pumped their supply. These wells were condemned by the Board of Health in November, 1911, on the ground that the water in them was contaminated by surface drainage. In many instances the pumps were destroyed by the Health Department. A number of people, however, concealed their pumps and reconnected them after the Board of Health's campaign had quieted down. In the Spring of 1912, the Board of Health again condemned the wells and destroyed the pumps. This action again made it necessary for the people on this part of the Island to carry water from the school well, which is across the foot bridge at a distance between one-quarter and half a mile from the houses; or from the "Dead Animal Factory" at about an equal distance away. During the winter months especially this condition has worked great hardship. Beside, it has left this section of the Island without means of fire protection.

By this action of the Board of Health you will note that one department of the City has destroyed the source of water supply and means of protection against fire, while the other department of the City, whose duty it is to provide water, has taken no definite action up to the present time. The Board of Health has already instituted prosecutions against individuals who are making use of the surface wells, but despite this fact a number of households are again making use of their pumps and using the contaminated water supply.

The engineers of the Department of Water Supply, Gas and Electricity have visited the Island and estimates have been made covering the cost of piping water from the school well as indicated on the blue print submitted herewith. The last estimate from the Chief Engineer, submitted February 18, 1913, placed the cost at $1,220, itemized as follows:

16½ tons 4-inch cast iron pipe at $25 a ton	$412 00
½ ton special castings at $60 a ton	30 00
To lay and protect 1,350 linear feet of 4-inch cast iron pipe at 40 cents a linear foot	540 00
Connections to a 6-inch well casing	25 00
One 4-inch gate	10 00
	$1,017 00
Incidentals, 20 per cent.	203 00
	$1,220 00

Under date of April 24 the following letter was written by the Board of Education:

"I beg to advise you that at a meeting of the Board of Education held on the 23d inst., the following resolution was approved and ratified:

"'Resolved, That the action of the Committee on Buildings in granting permission to the Department of Water Supply, Gas and Electricity, as requested by the North American Civic League for Immigrants, to attach to the overflow of the well at Public School 120, Barren Island, Brooklyn, a supply pipe for the families on the west side of the Island, be, and the same is hereby, approved and ratified."

The Department of Water Supply has bored test wells to a depth of forty feet and more in an effort to obtain a satisfactory supply of water on the Island, but the water secured was found to contain approximately 50 per cent. of salt.

In the interest of the health of this community, it would appear extremely desirable that some provision be made for an adequate water supply, and I would accordingly ask that this Board request the Department of Water Supply, Gas and Electricity to make the necessary provision for the same.

Yours very truly, GEORGE McANENY, President, Borough of Manhattan.

The following resolution was offered:

Resolved, That the Commissioner of Water Supply, Gas and Electricity be and he is hereby requested to comply with the recommendations contained in the communication from the President of the Borough of Manhattan, dated July 26, 1913, relative to providing an adequate water supply on Barren Island.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Correction—Establishment of Grades of Positions of Deputy Commissioner and Secretary (Cal. No. 84).

The Secretary presented:

Report of the Committee on Salaries and Grades recommending that the request of the Commissioner of Correction for the establishment of the grades of position of Deputy Commissioner at $4,500 and Secretary at $3,500 per annum, for one incumbent, respectively, be referred to the Committee on Standardization of Salaries and Grades.

(On May 29, 1913, the above request was referred to the Committee on Salaries and Grades.)

Which was referred to the Committee on Standardization of Salaries and Grades.

The Secretary was directed to send a copy of said report to the Commissioner of Correction.

Edward W. Gherity—Application for Appointment (Cal. No. 85).

The Secretary presented:

Report of the Committee on Salaries and Grades, returning for filing, communication from Edward W. Gherity, of No. 719 Hancock street, Brooklyn, requesting the establishment of the position of Repairman for Underwood Typewriters, for the reason that, in the opinion of said Committee, one Repairman subject to the call of every City department would not be of much convenience to any.

(On July 3, 1913, the above communication was referred to said committee.)
Which was ordered filed, and the Secretary directed to transmit a copy thereof to Mr. Gherity.

Department of Street Cleaning—Amendment of Issue of Special Revenue Bonds (Cal. No. 86).

The Secretary presented the following:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 23, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 20, 1911, the Board of Aldermen requested an issue of special revenue bonds of The City of New York in the sum of $72,000, to be used by the Commissioner of Street Cleaning for hiring street cleaning machines under a contract with the Emerson Contracting Company. The Board of Estimate and Apportionment concurred in this resolution on July 6, 1911.

After this authorization was made a contract was entered into with the Emerson Company to rent to The City of New York a sufficient number of machines, manufactured by the said company, to clean 150,000 squares of a thousand square yards each, at 48 cents per square, of a thousand yards for each cleaning. The contract was to expire December 31, 1911. On December 21, 1911, the Board of Estimate and Apportionment authorized the Commissioner of Street Cleaning to extend the contract until June 30, 1912. On July 11, 1912, the Board of Estimate and Apportionment authorized the Commissioner of Street Cleaning to again extend the contract until December 1, 1912. Again on November 27, 1912, the Board of Estimate and Apportionment authorized the Commissioner of Street Cleaning to extend the contract until June 30, 1913.

The contract expired on June 30, 1913, and there is now no contract obligation against the unused balance of the appropriation, amounting to $53,000.

The Commissioner has had the authorization for about two years. It appears that the Emerson Contracting Company failed to perform the services it contracted to perform. I am informed that its machines broke down repeatedly and that the company finally acknowledged its inability to carry out the terms of its contract.

There is no longer any reason why the City should continue an appropriation for hiring street cleaning machines from a company which has failed in its contract. The experience of the Department of Street Cleaning in hiring machines for cleaning the streets seems to have been unfortunate. Since the Emerson machine failed to do the work the Commissioner has experimented with machines manufactured by the Merritt company, but in two demonstrations given before Engineers of the Finance Department the Merritt machine did not give sufficient satisfaction to warrant an appropriation for the hire of the Merritt company's machines.

I recommend that the unused balance of the authorization of $72,000 be rescinded.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on July 6, 1911, which reads as follows:

"Resolved, That the resolution adopted by the Board of Aldermen, June 20, 1911, requesting an issue of special revenue bonds of The City of New York in the sum of seventy-two thousand dollars ($72,000), the proceeds whereof to be used by the Commissioner of Street Cleaning for hiring street cleaning machines under a contract with the Emerson Contracting Company, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, and the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding seventy-two thousand dollars ($72,000), redeemable from the tax levy of the year succeeding the year of their issue, the proceeds whereof to be applied to the purposes aforesaid."

—be and the same is hereby *amended* so that the amount authorized shall read nineteen thousand dollars ($19,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Finance—Issue of Corporate Stock to Replenish Fund for Street and Park Openings (Cal. No. 87).

The Secretary presented the following:

The City of New York, Department of Finance, Comptroller's Office, July 28, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—I have been advised by the Corporation Counsel that the report of the Commissioners of Estimate and Assessment, in the matter of opening and extending Roebling street as widened from Broadway to Division avenue; the public place bounded by the easterly side of Roebling street, extending southerly in a direct line to the northeasterly side of Lee avenue, and Division avenue; Taylor street, as widened from Lee avenue to Bedford avenue, in the 13th and 19th wards, Borough of Brooklyn, was confirmed by an order of the Supreme Court, dated June 30, 1913, and entered in the office of the Clerk of the County of Kings, on June 30, 1913.

The title to the land and improvements taken in this proceeding became vested in The City of New York on January 15, 1912, pursuant to the provisions of a resolution of the Board of Estimate and Apportionment, adopted January 11, 1912.

Total amount of the awards	$702,199 14
Amount of taxed costs	20,044 00
Total	$722,243 14

Pursuant to the provisions of a resolution of the Board of Estimate and Apportionment, adopted May 29, 1913, twenty-five (25%) per cent. of the cost and expense of this proceeding is to be borne and paid by The City of New York, for which corporate stock to the amount of one hundred and eighty thousand, five hundred and sixty and 79-100 dollars ($180,560.79), should be issued.

A resolution for that purpose is herewith submitted.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 174 of the Greater New York Charter, the Comptroller be and hereby is authorized to issue corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of one hundred and eighty thousand five hundred and sixty dollars and seventy-nine cents ($180,560.79), the proceeds whereof, to the amount of the par value thereof, to be applied to replenish the "Fund for Street and Park Openings," for this amount to be paid therefrom, in the matter of opening and extending Roebling street, as widened, from Broadway to Division avenue; the public place bounded by the easterly side of Roebling street, extending southerly in a direct line to the northeasterly side of Lee avenue and Division avenue; and Taylor street, as widened, from Lee avenue to Bedford avenue, in the 13th and 19th Wards, Borough of Brooklyn, pursuant to the provisions of a resolution of the Board of Estimate and Apportionment adopted May 29, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Board of City Record—Modification of Schedule and Transfer of Appropriation (Cal. No. 88A).

The Secretary presented the following:

The City of New York, Board of City Record, Office of the Supervisor, 13-21 Park Row, July 9, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, Manhattan:

Sir—I respectfully request the Board of Estimate and Apportionment to transfer within the budgetary appropriations made to the Board of City Record for the year 1913 the sum of $475, as follows:

FROM

1175—1913	Printing, etc.	$475 00

TO

1168—1913	Office Supplies	125 00
1169—1913	Office Equipment	100 00
1179—1913	Contingencies	250 00
		$475 00

This transfer is necessary to provide funds for purchasing the materials and supplies, such as running ladders, lumber, nails, electric lights, etc., required to make repairs in the Distributing Division of the City Record office at 96-98 Reade Street.

Respectfully, HENRY McMILLEN, Deputy and Acting Supervisor.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 9, 1913, the Supervisor of the Board of City Record requested transfer of $475 within appropriations to the Board for the year 1913. In connection therewith I report as follows:

The Supervisor states that the transfer is requested in order to provide funds for the purchase of supplies, materials and equipment required to make repairs in the distributing division at 96-98 Reade street. The labor required for this repair work is to be furnished by the Bureau of Buildings, of the office of the President of the Borough of Manhattan, with the understanding that the Board of City Record is to furnish the lumber, nails, running ladders, electric lights, etc., for the work. It is estimated that the repair work will cost about $350. The balances in the 1913 appropriations for Office Supplies, Office Equipment and Contingencies are insufficient to meet the additional expense and to leave sufficient sums for the balance of the year.

The following shows the condition of the accounts to which it is proposed to make the transfer:

Code No.	Title.	Budget Appropriations.	Unencumbered Balance July 1, 1913.	Outstanding Liabilities.	Requested Amount of Transfer.
1168	Office Supplies	$824 75	$175 00	.....	$125 00
1169	Office Equipment	392 00	136 00	$114 00	100 00
1179	Contingencies	180 00	34 00	.....	250 00

It is proposed to transfer from the account entitled "Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies, No. 1175, Printed, Lithographed, Engraved or Stamped Forms, Including Pamphlets or Printed Blanks." The unencumbered balance in this account is sufficient to permit of the requested transfer.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Board of City Record, City of New York, for the year 1913, as follows:

FROM

Contract or Open Order Service, General Plant Service, Administration. Purchase, Storage and Distribution of Stationery and Supplies.

1175	Printed, Lithographed, Engraved or Stamped Forms, including Pamphlets or Printed Blanks	$475 00

TO

Supplies, Office Supplies.

1168	Administration	$125 00

Purchase of Equipment, Office Equipment.

1169	Administration	100 00

Contingencies.

1179	Administration	250 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Board of City Record, City of New York, for the year 1913, as follows:

Supplies, Office Supplies.

1168	Administration	$949 75

Purchase of Equipment, Office Equipment.

1169	Administration	492 00

Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies.

1175	Printed, Lithographed, Engraved or Stamped Forms, including Pamphlets or Printed Blanks	538,425 00

Contingencies.

1179	Administration	430 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Board of City Record; Department of Parks, Manhattan and Richmond—Modification of Schedules and Transfer of Appropriation (Cal. No. 88B).

The Secretary presented the following:

The City of New York, Board of City Record, Office of the Supervisor, 13-21 Park Row, June 30, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, Manhattan:

Dear Sir—I respectfully request the Board of Estimate and Apportionment to transfer within the budgetary appropriations for the year 1913, the sum of $200 as follows:

From Department of Parks, Manhattan and Richmond, Wages Temporary Employees, Care of Parks and Boulevards, 1516—1913, General, line item Laborer at $2.50 per day; to Board of City Record—City of New York, Wages Temporary Employees 1167—1913, Purchase, Storage and Distribution of Supplies, line item Laborer at $2.50 per day.

Enclosed please find copy of letter dated June 28, 1913, signed by the Commissioner of Parks, Charles B. Stover, consenting to the transfer of the $200 requested.

Respectfully, DAVID FERGUSON, Supervisor of the City Record.

The City of New York, Department of Parks, Manhattan and Richmond, The Arsenal, Central Park, June 28, 1913.

DAVID FERGUSON, *Esq., Supervisor City Record,* 13-21 Park Row, City:

Dear Sir—Your communication under date of June 27, 1913, requesting my consent to a transfer of $200 from schedule for "Temporary Laborers" in this Department, received. My appropriation for "Temporary Laborers" is, as usual, far less than it should be, but I take great pleasure in accommodating you with the transfer of $200 from this account.

Kindly make the necessary request of the Board of Estimate and Apportionment, transmit a copy of my letter, and they will take action upon the same at an early date. Very truly your,

CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 30, 1913, the Supervisor of the City Record requested transfer of $200 from the 1913 account entitled "Department of Parks, Boroughs of Manhattan and Richmond, Personal Service, Wages, Temporary Employees, Care of Parks and Boulevards, No. 1516, General," to "Board of City Record, City of New York, Personal Services, Wages, Temporary Employees, Administration, No. 1167, Purchase, Storage and Distribution of Stationery and Supplies." In connection therewith I report as follows:

The 1913 Budget appropriation for No. 1167 was $225, which permitted of the employment of temporary Laborers for a total of ninety days. The Supervisor

states that the appropriation was entirely exhausted by June 30, 1913, and that the work to be done in the Distributing Division of the Board during the remainder of the year will necessitate the employment of temporary Laborers for a total period of eighty days. Request is, therefore, made to transfer $200 to provide the necessary funds.

On June 28, 1913, the Commissioner of Parks, Boroughs of Manhattan and Richmond, approved of the transfer of $200 from No. 1516, which contains a sufficient balance to permit of the transfer.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated for the year 1913, as follows:

FROM

DEPARTMENT OF PARKS, BOROUGHS OF MANHATTAN AND RICHMOND.

Personal Service, Wages Temporary Employees, Care of Parks and Boulevards.

1516 General $200 00

TO

BOARD OF CITY RECORD, CITY OF NEW YORK.

Personal Service, Wages Temporary Employees, Administration.

1167 Purchase, Storage and Distribution of Stationery and Supplies.... $200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Parks, Boroughs of Manhattan and Richmond, for the year 1913, as follows:

DEPARTMENT OF PARKS, BOROUGHS OF MANHATTAN AND RICHMOND.

Personal Service, Wages Temporary Employees, Care of Parks and Boulevards.

1516 General—

Driver, at $2.75 per day (8.034 days)	$22,093 50
Driver, at $2.50 per day (9,476 days)	23,690 00
Laborer, at $2.50 per day (109,120 days)	272.800 00
	$318,583 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That that Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Board of City Record, City of New York, for the year 1913, as follows:

BOARD OF CITY RECORD, CITY OF NEW YORK.

Personal Service, Wages Temporary Employees, Administration.

1167 Purchase, Storage and Distribution of Stationery and Supplies—
Laborer, at $2.50 per day (170 days) $425 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Board of City Record—Modification of Schedules and Transfer of Appropriation (Cal. No. 88C).

The Secretary presented the following:

The City of New York, Board of City Record, Office of the Supervisor, 13-21 Park Row, June 17, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, Manhattan:

Sir—The Board of Estimate and Apportionment is respectfully requested to transfer within the appropriations made for the year 1913 to the Board of City Record, the sum of $250, as follows:

FROM

1913—1171 Transportation, Expressage and Deliveries, Administration, Purchase, Storage and Distribution of Stationery and Supplies $250 00

TO

1913—1173 Communication, Administration, Telegraph, Cable and Messenger Service, Purchase, Storage, etc., Supplies..... 250 00

This transfer is necessary to replenish appropriation 1913—1173, which will shortly be exhausted for the reason that after the departure of the express trucks on the routes for the day, it is frequently found necessary to use the messenger service in making emergency deliveries to the Departments. Respectfully,

DAVID FERGUSON, Supervisor of the City Record.

The City of New York, Board of City Record, Office of the Supervisor, 13-21 Park Row, June 17, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, Manhattan:

Sir—The Board of Estimate and Apportionment is respectfully requested to transfer within the appropriations made for the year 1913, to the Board of City Record, for Richmond County, contract or open order service, the sum of $200 as follows:

FROM

1913—3981	Printing, etc.	$100 00
1913—3982	Stationery, etc.	100 00
		200 00

TO

1913—3983 Blank Books $200 00

The transfer requested is necessary to replenish appropriation 1913—3983, which will shortly be exhausted, owing to unforeseen demands made upon it.

Respectfully, DAVID FERGUSON, Supervisor of the City Record.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 17, 1913, the Supervisor of the City Record requested transfer of $250 within appropriations to the Board of City Record, City of New York, and of $200 within appropriations to the Board of City Record, Richmond County, for the year 1913. In connection therewith I report as follows:

It is proposed to transfer from Contract or Open Order Service, Transportation, Expressage and Deliveries, Administration, No. 1171, Purchase, Storage and Distribution of Stationery and Supplies, to Contract or Open Order Service, Communication, Telegraph, Cable and Messenger Service, Administration, No. 1173, Purchase, Storage and Distribution of Stationery and Supplies.

The Supervisor states that the funds in No. 1173 will shortly be exhausted for the reason that after the departure of the express trucks on their routes for the day, it is frequently found necessary to use messenger service in making emergency deliveries to the departments.

The Budget appropriation for No. 1173 was $500. The unencumbered balance as of July 1, 1913, was $18.15. The appropriation for No. 1171 was $6,000 and there is a sufficient balance in the account to permit of the requested transfer.

It is proposed to transfer $200 to Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies, County Offices and Courts Other Than Supreme Court, No. 3983, Blank Books, which is to be made by transferring $100 from Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies, County Offices and Courts Other Than Supreme Court, 3981, Printed, Lithographed, Engraved or Stamped Forms, Including Pamphlets or Printed Blanks, and $100 from 3982, Stationery, Including Letter or Writing Paper or Envelopes, with Printed Headings or Endorsements.

The Budget appropriation to No. 3983 was $1,500. The unencumbered balance remaining on July 1, 1913, was $278. The Supervisor states that requisitions for blank books, costing approximately $325, have recently been received by the Board. Request is, therefore, made for the transfer of sufficient money to cover the present requirements and the estimated requirements for the balance of the year. The balances in accounts Nos. 3981 and 3982 are sufficient to permit of the requested transfers.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Board of City Record, City of New York, for the year 1913, as follows:

BOARD OF CITY RECORD, CITY OF NEW YORK.

Contract or Open Order Service.

FROM

Transportation, Expressage and Deliveries, Administration.

1171 Purchase, Storage and Distribution of Stationery and Supplies $250 00

TO

Communication, Telegraph, Cable and Messenger Service, Administration.

1173 Purchase, Storage and Distribution of Stationery and Supplies $250 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Board of City Record, City of New York, for the year 1913, as follows:

BOARD OF CITY RECORD, CITY OF NEW YORK.

Contract or Open Order Service, Transportation, Expressage and Deliveries, Administration.

1171 Purchase, Storage and Distribution of Stationery and Supplies .. $5,750 00

Communications, Telegraph, Cable and Messenger Service, Administration.

1173 Purchase, Storage and Distribution of Stationery and Supplies ... 750 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Board of City Record, Richmond County, for the year 1913, as follows:

BOARD OF CITY RECORD, RICHMOND COUNTY.

Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies, County Offices and Courts Other Than Supreme Court.

FROM

3981	Printed, Lithographed, Engraved or Stamped Forms, Including Pamphlets or Printed Blanks	$100 00
3982	Stationery, Including Letter or Writing Paper or Envelopes with Printed Headings or Endorsements	100 00

TO

3983 Blank Books $200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Board of City Record, Richmond County, for the year 1913, as follows:

BOARD OF CITY RECORD, RICHMOND COUNTY.

Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies, County Offices and Courts Other Than Supreme Court.

3981	Printed, Lithographed, Engraved or Stamped Forms, Including Pamphlets or Printed Blanks	$500 00
3982	Stationery, Including Letter or Writing Paper or Envelopes with Printed Headings or Endorsements	650 00
3983	Blank Books	1,700 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Mayor's Office—Modification of Schedules and Transfer of Appropriations (Cal. No. 88D).

The Secretary presented the following:

City of New York, Office of the Mayor, July 9, 1913.

To the Secretary, Board of Estimate and Apportionment, 277 Broadway, New York City:

Sir—Request is hereby made for the transfer of $285 from Account 42—1913, General Plant Service, to Account 48—1913, Contingencies, Yours truly,

JOHN J. GLENNON, Chief Clerk.

Department of Finance of The City of New York, Bureau of Municipal Investigation and Statistics, July 24, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 9, 1913, the Mayor requested transfer of $285 within appropriations in his office for the year 1913. In connection therewith I report as follows:

It is proposed to transfer $285 from General Plant Service No. 42, General Administration, to Contingencies, No. 48, General Administration. The appropriation in No. 48 was $225. This amount is exhausted and the needs of the Mayor's office demand replenishment of the account. The sum of $285 will be sufficient for the balance of the year. The entire appropriation in No. 42 remains, and it is stated that it will not be required.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Mayoralty for the year 1913, as follows:

FROM

THE MAYORALTY.

General Plant Service.

42 General Administration $285 00

TO

THE MAYORALTY.

Contingencies.

48 General Administration $285 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Mayoralty for the year 1913, as follows:

THE MAYORALTY.

General Plant Service.

42 General Administration..... .....

THE MAYORALTY.

Contingencies.

48 General Administration $510 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Modification of Schedules and Transfer of Appropriation (Cal. No. 88E).

The Secretary presented the following:

Fire Department of The City of New York, July 10, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment:*

Sir—Transfer and modification of salary accounts of this department for the year 1913 as shown by the attached schedule are requested. This transfer is within the total appropriation made to this department for salaries, and is in accordance with the rules of the Board of Estimate and Apportionment.

Respectfully, GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

Department of Finance of The City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment.

Gentlemen—On July 10, 1913, the Deputy and Acting Fire Commissioner requested modification of two 1913 salary schedules, involving cash transfer of $125, in his department. In connection therewith I report as follows:

In No. 1358, Fire Prevention, Administration, Manhattan, The Bronx and Richmond, it is proposed to increase the salaries of two Stenographers and Typewriters from $900 to $1,050 each. The line "*Stenographer and Typewriter, 1 at $1,050 (A. S. I. $450)" is changed to "*Stenographer and Typewriter, 3 at $1,050 (A. S. I. $450 each), $3,150," and the line "Stenographer and Typewriter, 6 at $900, $5,400," is changed to read "4 at $900, $3,600." The $300 necessary for the increases is to be provided by transfer from No. 1360, Fire Prevention, Inspection, Boroughs of Manhattan, The Bronx and Richmond. In No. 1360 it is proposed to change the line "Stenographer, 5 at $900," to read "Stenographer, 4 at $900," "*Clerk, 1 at $600. (N. A. S. I.)," the remaining $300 are used for the above stated increases.

The line item changes in detail are shown in the following table:

Code No.	Title.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
1358	*Stenographer and Typewriter, 1 at $1,050 (A. S. I. $450)..	$1,050 00	.....	$437 50	.....
	*Stenographer and Typewriter, 3 at $1,050 (A. S. I. $450 each)	.....	$3,150 00	.....	$1,312 50
	Stenographer and Typewriter, 6 at $900.....	1,800 00	.....	750 00	.....
		$2,850 00	$3,150 00	$1,187 50	$1,312 50
		.....	2,850 00	.....	1,187 50
	Credit transfer	.....	$300 00	.....	$125 00
1360	Stenographer and Typewriter, 5 at $900	$900 00	.....	$375 00	.....
	*Clerk at $600 (N. A. S. I.)...	.....	$600 00	.....	$250 00
		$900 00	$600 00	$375 00	$250 00
		600 00	.....	250 00	.....
	Debit transfer	$300 00	.....	$125 00	.....

The increases in salary are for Maurice F. J. Boylan and George W. Hopper, who are now employed in the Administration Division of the Bureau of Fire Prevention. Their terms of service commenced on March 19, 1912. The increases are in accordance with the resolution of the Board of Estimate and Apportionment, adopted January 30, 1913. The grades of positions have been established in accordance with the provisions of section 56 of the Greater New York Charter

I recommend adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Fire Department for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, Fire Prevention, Inspection.

1360 Manhattan, The Bronx and Richmond..... $125 00

TO

Personal Service, Salaries, Regular Employees, Fire Prevention, Administration.

1358 Manhattan, The Bronx and Richmond..... $125 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Fire Department for the year 1913, to be effective as of August 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, Fire Prevention, Administration.

1358 Manhattan, The Bronx and Richmond—

Stenographer and Typewriter.....	$1,050 00
*Stenographer and Typewriter, 3 at $1,050 (A. S. I. $450 each)....	3,150 00
Stenographer and Typewriter, 4 at $900.....	3,600 00
Clerk	1,050 00
	$8,850 00

Personal Service, Salaries, Regular Employees, Fire Prevention, Inspection.

		Paid from Tax Levy Appropriation.	Paid from Special Revenue Bonds.	Total.
1360	Manhattan, The Bronx and Richmond—			
	Chief Inspector	$4,000 00	.....	$4,000 00
	Assistant Electrical Engineer.....	3,000 00	.....	3,000 00
	Chief Examiner	2,500 00	.....	2,500 00
	Examiner, 2 at $1,500.....	3,000 00	.....	3,000 00
	Electrical Inspector, 2 at $1,800.....	3,600 00	.....	3,600 00
	Inspector	2,000 00	.....	2,000 00
	Inspector, 5 at $1,800.....	9,000 00	.....	9,000 00
	Inspector, 13 at $1,500.....	19,500 00	.....	19,500 00
	Inspector, 29 at $1,200.....	34,800 00	.....	34,800 00
	Assistant Chemist	1,800 00	.....	1,800 00
	Clerk, 3 at $900.....	2,700 00	.....	2,700 00
	*Clerk, 1 at $600 (N. A. S. I.).....	600 00	.....	600 00
	Clerk	600 00	.....	600 00
	Stenographer and Typewriter, 4 at $900...	3,600 00	.....	3,600 00
	Typewriter Copyist, 2 at $900.....	1,800 00	.....	1,800 00
	Janitor	1,200 00	.....	1,200 00
	Watchman, 2 at $912.50.....	1,825 00	.....	1,825 00
	Special Investigator	.....	$2,000 00	2,000 00
	Special Investigator, 2 at $1,500.....	2,700 00	300 00	3,000 00
	Schedule Total			$100,525 00

		Paid from Tax Levy Appropriation.	Paid from Special Revenue Bonds.	Total.
	Tax Levy Allowance.....			$98,225 00
	Special Revenue Bond Allowance.....			2,300 00
	Total Allowance			$100,525 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Correction; Board of City Record—Modification of Schedules and Transfer of Appropriation (Cal. No. 88F).

The Secretary presented following:

Department of Correction of the City of New York, Commissioner's Office, 148 East 20th Street, New York, June 27, 1913.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment,* No. 277 Broad- New York City:

Dear Sir—In accordance with section 237 of the City Charter and a resolution of the Board of City Record, dated June 17, 1913, a copy of which is enclosed herewith, I would respectfully ask that the sum of $15,000 be transferred to the credit of the Appropriations of our Department for 1913 from unencumbered balances of Appropriations made to the Board of City Record for the year 1913 as noted below:

FROM

Code No. 1175	Printing, Etc.	$6,000 00
Code No. 1176	Stationery, Etc.....	4,000 00
Code No. 1177	Blank Books	2,000 00
Code No. 1178	Publication CITY RECORD	3,000 00

TO

Code No. 487	General Plant Supplies, Prison Service.....	2,000 00
Code No. 498	General Plant Equipment, Prison Service	1,000 00
Code No. 501	General Plant Materials, Prison Service.....	4,000 00
Code No. 446	Food Supplies, District Prisons	400 00
Code No. 447	Food Supplies, City Prison, Manhattan.....	1,040 00
Code No. 448	Food Supplies, City Prison, Brooklyn.....	560 00
Code No. 449	Food Supplies, City Prison, Queens.....	160 00
Code No. 450	Food Supplies, Workhouse, Blackwells Island	2,000 00
Code No. 451	Food Supplies, Harts Island Branch.....	880 00
Code No. 452	Food Supplies, Rikers Island Branch	240 00
Code No. 453	Food Supplies, Reformatory	400 00
Code No. 454	Food Supplies, Penitentiary	2,160 00
Code No. 455	Food Supplies, Operation of Ferries.....	160 00

Very respectfully, PATRICK A. WHITNEY, Commissioner.

Board of City Record, Office of the Supervisor, New York, June 17, 1913.

Whereas, Application has been made by the Department of Correction for a transfer of unencumbered balances to replenish its budgetary appropriations for materials and supplies required during the current year, be it

Resolved, That the Supervisor of the City Record be and he hereby is authorized to release for transfer to the Department of Correction, subject to the approval of th Board of Estimate and Apportionment under the provisions of section 237, Greater New York Charter, the sum of fifteen thousand dollars ($15,000) from unencumbered balances of appropriations made to the Board of City Record for the year 1913, namely:

Code No. 1175, 1913,	Printing, Etc.....	$6,000 00
Code No. 1176, 1913,	Stationery, Etc.....	4,000 00
Code No. 1177, 1913,	Blank Books	2,000 00
Code No. 1178, 1913,	Publication CITY RECORD	3,000 00
		$15,000 00

WILLIAM J. GAYNOR, Mayor; LOUIS H. HAHLO, Assistant Corporation Counsel; WILLIAM A. PRENDERGAST, Comptroller.

DAVID FERGUSON, Supervisor of the City Record.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 30, 1913, the Commissioner of Correction requested transfer of $15,000 to his Department from appropriations made to the Board of City Record, for the year 1913, as follows:

FROM

BOARD OF CITY RECORD, CITY OF NEW YORK.

Contract or Open Market Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies.

1175	Printed, Lithographed, Engraved or Stamped Forms, Including Pamphlets or Printed Blanks	$6,000 00
1176	Stationery, Including Letter or Writing Paper or Envelopes with Printed Headings or Endorsement	4,000 00
1177	Blank Books	2,000 00

Contract or Open Order Service, General Plant Service.

1178	Publication of the CITY RECORD	3,000 00

TO

DEPARTMENT OF CORRECTION.

Supplies, Food Supplies, Prison Service, Care of Plant and Inmates.

446	District Prisons	$400 00
447	City Prison, Manhattan	1,040 00
448	City Prison, Brooklyn	560 00
449	City Prison, Queens	160 00
450	Workhouse, Blackwells Island	2,000 00
451	Workhouse, Harts Island Branch	880 00
452	Workhouse, Rikers Island Branch	240 00
453	Reformatory	400 00
454	Penitentiary	2,160 00
455	Operation of Ferries	160 00

Supplies, General Plant Supplies.

487	Prison Service	2,000 00

Equipment, General Plant Equipment, Prison Service.

498	Care of Plant and Inmates	1,000 00

Materials, General Plant Materials, Prison Service.

501	Care of Plant and Inmates	4,000 00

In connection therewith I report as follows:

The appropriation for No. 487 was $3,521.65. There is now an unencumbered balance of $116.49 in the account. In No. 498 the appropriation was $5,640.29. The unencumbered balance at present is $269.27. In No. 501 the appropriation was $24,908.27. There is now an unencumbered balance of $244.99 in this account. In Nos. 446 to 455 inclusive the total appropriation was $330,192.58, which was distributed proportionately on the basis of the census of each institution. The amounts to be transferred to these accounts are allotted on the same basis.

A request for $100,000 revenue bonds to replenish these accounts is pending in the Board of Aldermen. Of that total $73,653 is to replenish food supply accounts, Nos. 446 to 455 inclusive. The shortage in the supply accounts is due to the increased cost of meats and an increase of 11 per cent. in the census of the Department.

The balance of the request is to replenish the three accounts embracing General Plant Supplies, Materials and Equipment, to which transfers are to be made.

Three monthly requisitions, amounting to $6,000, against these accounts are being held because of lack of funds. If this transfer of $15,000 is approved, the request for revenue bonds will be reduced by a corresponding amount, should it reach the Board of Estimate and Apportionment.

The Board of City Record has agreed to the transfers.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated for the year 1913, as follows:

FROM
BOARD OF CITY RECORD
Contract or Open Market Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies.

1175	Printed, Lithographed, Engraved or Stamped Forms, including Pamphlets or Printed Blanks	$6,000 00
1176	Stationery, including Letter or Writing Paper or Envelopes with Printed Heading or Endorsements	4,000 00
1177	Blank Books	2,000 00
	Contract or Open Order Service, General Plant Service.	
1178	Publication of the CITY RECORD	3,000 00

TO
DEPARTMENT OF CORRECTION.
Supplies, Food Supplies, Prison Service, Care of Plant and Inmates.

446	District Prisons	$400 00
447	City Prison, Manhattan	1,040 00
448	City Prison, Brooklyn	560 00
449	City Prison, Queens	160 00
453	Reformatory	400 00
454	Penitentiary	2,160 00
455	Operation of Ferries	160 00
	Workhouse.	
450	Blackwell's Island	2,000 00
451	Hart's Island Branch	880 00
452	Riker's Island Branch	240 00
	Supplies, General Plant Supplies.	
487	Prison Service	2,000 00
	Equipment, General Plant Equipment, Prison Service.	
498	Care of Plant and Inmates	1,000 00
	Materials, General Plant Materials, Prison Service.	
501	Care of Plant and Inmates	4,000 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:
Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the year 1913, as follows:
BOARD OF CITY RECORD.
Contract or Open Market Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies.

1175	Printed, Lithographed, Engraved or Stamped Forms, including Pamphlets or Printed Blanks	$532,900 00
1176	Stationery, including Letter or Writing Paper or Envelopes with Printed Heading or Endorsements	101,000 00
1177	Blank Books	108,000 00
	Contract or Open Order Service, General Plant Service.	
1178	Publication of the CITY RECORD	167,000 00

DEPARTMENT OF CORRECTION.
Supplies, Food Supplies, Prison Service, Care of Plant and Inmates.

446	District Prisons	$17,213 00
447	City Prison, Manhattan	42,960 00
448	City Prison, Brooklyn	22,068 00
449	City Prison, Queens	6,850 58
453	Reformatory	17,909 00
454	Penitentiary	91,739 00
455	Operation of Ferries	4,683 00
	Workhouse.	
450	Blackwell's Island	85,849 00
451	Hart's Island Branch	38,345 00
452	Riker's Island Branch	10,576 00
	Supplies, General Plant Supplies.	
487	Prison Service	$5,521 65
	Equipment, General Plant Equipment, Prison Service.	
498	Care of Plant and Inmates	6,640 29
	Materials, General Plant Materials, Prison Service.	
501	Care of Plant and Inmates	28,908 27

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Parks, Borough of Queens—Modification of Schedules and Transfer of Appropriation (Cal. No. 88G).

The Secretary presented the following:
The City of New York, Department of Parks, Borough of Queens, The Overlook, Forest Park, Richmond Hill, L. I., July 10, 1913.
To the Honorable the Board of Estimate and Apportionment, 277 Broadway, New York:
Dear Sirs—It is respectfully requested that a transfer be made in the Budget appropriation of the Department of Parks, Borough of Queens, for the year 1913.

FROM

1890	Purchase of Equipment, Care of Trees, Shrubs, Flowers and Lawns	$800 00

TO

1913	Carfare, Administration, Executive	$600 00
1878	Office Supplies, Administration, Executive	200 00

The carfare appropriation was entirely used up on June 30, as was also that for office supplies. Yours very truly,
WALTER G. ELIOT, Commissioner of Parks, Borough of Queens.
City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.
To the Board of Estimate and Apportionment:
Gentlemen—On July 10, 1913, the Commissioner of Parks, Borough of Queens, requested transfers of funds appropriated to his department for the year 1913. In connection therewith I report as follows:
The transfers requested are as follows:

FROM
Purchase of Equipment, Motorless Vehicles and Equipment.

1890	Care of Trees, Shrubs, Flowers and Lawns	$800 00

TO
Supplies, Office Supplies.

1878	Executive	$200 00
	Contract or Open Order Service, Carfare.	
1913	Executive	600 00

The $200 requested for No. 1878 is stated to be for postage and miscellaneous stationery supplies. A new system of stores accounting is being installed by the Commissioners of Accounts which requires additional supplies. The appropriation for No. 1878 was $300. The expenditures thus far amount to $268.34, two-thirds of which was for postage.
The $600 for No. 1913 is to pay outstanding claims for carfares and to provide for carfares for the balance of the year. The appropriation for No. 1913 was $400. The expenditures thus far amount to $396.41. The expenditures for the same purposes in 1912 amounted to $1,175.
I recommend the adoption of the attached resolutions granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.
The following resolution was offered:
Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Parks, Borough of Queens, for the year 1913, as follows:

FROM
Purchase of Equipment, Motorless Vehicles and Equipment, Care of Parks and Boulevards.

1890	Care of Trees, Shrubs, Flowers and Lawns	$800 00

TO
Supplies, Office Supplies, Administration.

1878	Executive	$200 00
	Contract or Open Order Service, Transportation, Carfare, Administration.	
1913	Executive	600 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:
Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Parks, Borough of Queens, for the year 1913, as follows:
Supplies, Office Supplies, Administration.

1878	Executive	$500 00
	Purchase of Equipment, Motorless Vehicles and Equipment, Care of Parks and Boulevards.	
1890	Care of Trees, Shrubs, Flowers and Lawns	270 00
	Contract or Open Order Service, Transportation, Carfare, Administration.	
1913	Executive	1,000 00

Which was adopted by the following vote:
Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Health—Modification of Schedules and Transfer of Appropriations (Cal. No. 88H).

The Secretary presented the following:
City of New York, Department of Health, Office of the Secretary, July 15, 1913.
Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway New York City:
Sir—At a meeting of the Board of Health of the Department of Health, held July 15, 1913, the following resolution was adopted:
"Resolved, That the Board of Estimate and Apportionment be and is hereby respectfully requested to approve of transfers within the appropriation made to the Department of Health for the year 1913, entitled and as follows:

"FROM

"615	Purchase of Equipment, Hospital Service, Willard Parker and Reception	$2,000 00
"618	Purchase of Equipment, Hospital Service, Kingston Avenue Hospital	500 00
"619	Purchase of Equipment, Hospital Service, Tuberculosis Sanatorium, Otisville	3,000 00
"621	Materials, Promoting Public Health, Communicable Diseases	400 00
"639	Contract and Open Order Service, Promoting Public Health, Communicable Diseases	2,000 00
"643	Contract and Open Order Service, Laboratory Service, Research and Vaccine	500 00
"648	Contract and Open Order Service, Hospital Service, Riverside	1,000 00
"650	Contract and Open Order Service, Hospital Service, Tuberculosis Sanatorium, Otisville	1,000 00
	"Total	$10,400 00

"—the same being estimated to be in excess of the requirements thereof;

"TO

"587	Supplies, Promoting Public Health, Communicable Diseases	$2,400 00
"598	Supplies, Hospital Service, Tuberculosis Sanatorium, Otisville	5,000 00
"622	Materials, Laboratory Service, Research and Vaccine	500 00
"629	Materials, Hospital Service, Tuberculosis Sanatorium, Otisville	2,500 00
	"Total	$10,400 00

"—the same being as insufficient."
A true copy. EUGENE W. SCHEFFER, Secretary.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 24, 1913.
To the Board of Estimate and Apportionment:
Gentlemen—On July 15, 1913, the Board of Health requested transfers in the sum of $10,400 within appropriations to the Department of Health for the year 1913. In connection therewith I report as follows:
The request is in twelve supply accounts. On July 15, 1913, the eight debit accounts showed unencumbered balances as follows:

	Budget Appropriation. (Revised.)	Contract Reserve.	Open Market Order.	Unencumbered Balance.
Account No. 615	$20,785 00	.....	$9,034 78	$11,750 22
Account No. 618	16,365 00	.....	8,330 31	8,034 69
Account No. 619	18,700 00	.....	10,250 10	8,449 90
Account No. 621	600 00	.....	180 51	419 49
Account No. 639	12,065 00	.....	6,672 01	5,392 99
Account No. 643	2,930 00	.....	596 09	2,333 91
Account No. 648	6,025 00	$162 00	1,852 90	4,010 10
Account No. 650	9,555 00	.....	4,953 04	4,601 96
	$87,025 00	$162 00	$41,869 74	$44,993 26

The expenditures to July 15 and the estimated requirements for the balance of 1913, in the four credit accounts, are stated as follows:

587	Supplies, Promoting Public Health, Communicable Diseases—		
	Budget appropriation		$29,450 00
	Debit transfer, June, 1913		3,000 00
			$26,450 00
	Expenditures to June 15:		
	Contract reserve	$21,800 24	
	Open market order reserve	2,933 20	
			24,733 44
	Balance		$1,716 56
	Credit transfer		2,400 00

The credit transfer is required in order to provide sufficient funds for the meat contract ($2,436.65) for the last six months and also for the regular monthly expenditures on open market orders.

598	Supplies, Hospital Service, Tuberculosis Sanatorium, Otisville—		
	Budget appropriation		$115,500 00
	Credit transfer, June, 1913		7,000 00
			$122,500 00
	Expenditures to July 15:		
	Contract reserve	$91,997 79	
	Open market order reserve	4,860 24	
			96,858 03
	Balance		$25,641 97
	Credit transfer		5,000 00

The meat contract for its last half of the year will approximate $26,699, and the average monthly open market expenditures are estimated at $800. It is estimated that the transfer of $5,000 will be sufficient for the rest of the year.

622	Materials, Laboratory Service, Research and Vaccine—		
	Budget appropriation		$300 00
	Expenditures to July 15:		
	Open market order reserve		256 44
	Balance		$43 56
	Credit transfer		500 00

The transfer is requested to provide funds for the purchase of materials for alterations to the antitoxin stable at Otisville. The items involved are: Lumber, $200; cement, $100; hardware and plumbers' supplies, $200.

629	Materials, Hospital Service, Tuberculosis Sanatorium, Otisville—		
	Budget appropriation		$7,120 00
	Credit transfer, June, 1913		4,000 00
			$11,120 00
	Expenditures to July 15:		
	Contract reserve	$8,127 37	
	Open market order reserve	2,400 93	
			10,528 30
	Balance		$591 70
	Credit transfer		2,500 00

The request of $2,500 is to provide funds for contracts for hardware ($1,186.16), and plumbers' materials and supplies ($1,272.29), and for such other materials as may be needed for the repair work during the rest of the year.

There are ample unencumbered balances in the debit accounts to permit of the transfers.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Health for the year 1913, as follows:

FROM

615	Purchase of Equipment, Hospital Service, Willard Parker and Reception	$2,000 00
618	Purchase of Equipment, Hospital Service, Kingston Avenue	500 00
619	Purchase of Equipment, Hospital Service, Tuberculosis Sanatorium, Otisville	3,000 00
621	Materials, Promoting Public Health, Communicable Diseases	400 00
639	Contract and Open Order Service, Promoting Public Health, Communicable Diseases	2,000 00
643	Contract and Open Order Service, Laboratory Service, Research and Vaccine	500 00
648	Contract and Open Order Service, Hospital Service, Riverside	1,000 00
650	Contract and Open Order Service, Hospital Service, Tuberculosis Sanatorium, Otisville	1,000 00

TO

587	Supplies, Promoting Public Health, Communicable Diseases	$2,400 00
598	Supplies, Hospital Service, Tuberculosis Sanatorium, Otisville	5,000 00
622	Materials, Laboratory Service, Research and Vaccine	500 00
629	Materials, Hospital Service, Tuberculosis Sanatorium, Otisville	2,500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Health, for the year 1913, as follows:

587	Supplies, Promoting Public Health, Communicable Diseases	$28,850 00
598	Supplies, Hospital Service, Tuberculosis Sanatorium, Otisville	127,500 00
615	Purchase of Equipment, Hospital Service, Willard Parker and Reception	18,785 00
618	Purchase of Equipment, Hospital Service, Kingston Avenue	15,865 00
619	Purchase of Equipment, Hospital Service, Tuberculosis Sanatorium, Otisville	15,700 00
621	Materials, Promoting Public Health, Communicable Diseases	200 00
622	Materials, Laboratory Service, Research and Vaccine	800 00
629	Materials, Hospital Service, Tuberculosis Sanatorium, Otisville	13,620 00
639	Contract and Open Order Service, Promoting Public Health, Communicable Diseases	10,065 00
643	Contract and Open Order Service, Laboratory Service, Research and Vaccine	2,430 00
648	Contract and Open Order Service, Hospital Service, Riverside	5,025 00
650	Contract and Open Order Service, Hospital Service, Tuberculosis Sanatorium, Otisville	8,555 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Department of Parks, Borough of Brooklyn—Transfer of Appropriation (Cal. No. 89).

The Secretary presented the following:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On April 24, 1913, your Board modified three schedules for temporary employees in the Department of Parks, Borough of Brooklyn, which involved a transfer of $10,796. No resolution, however, for the cash transfer was adopted.

I transmit herewith a resolution providing for the necessary cash transfers and recommend its adoption. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Parks, Borough of Brooklyn, for the year 1913, as follows:

FROM

Personal Service, Wages, Temporary Employees, Care of Parks and Boulevards.

1740	Care of Buildings	$10,796 00

TO

Personal Service, Wages, Temporary Employees, Care of Parks and Boulevards.

	General, Tax Levy and Corporate Stock Force—	
1737TC	Tax Levy Allowance	$5,396 00
	Care of Trees, Shrubs, Flowers and Lawns.	
1738	Tax Levy Force	5,400 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

President, Borough of Brooklyn—Modification of Schedule (Cal. No. 90).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 14, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller*, 280 Broadway, New York:

Dear Sir—I respectfully request that you kindly have your Bureau of Statistics prepare a report modifying salary schedule No. 2950 in our Bureau of Sewers as follows:

Code No. 2950:

Line No. 7, reading, "Sewer Cleaner, 1 at $3 per day (365 days)," to be eliminated.

Line No. 8, reading, "Sewer Cleaner, 12 at $2.50 per day (365 days)," to be eliminated.

Line No. 9, reading, "Sewer Cleaner, 10 at $2.50 per day (313 days)," to be eliminated.

Line No. 10, reading, "Sewer Cleaner, 4 at $2.50 per day (303 days)," to be eliminated.

Line No. 14, reading, "Driver, 4," to read, "Driver, 3 at $2.50 per day (313 days)."

Line No. 15, reading, "Laborer, 7," to read, "Laborer, 8 at $3 per day (365 days)."

Line No. 16, reading, "Laborer, 12," to read, "Laborer, 24 at $2.50 per day (365 days)."

Line No. 17, reading, "Laborer, 30," to read, "Laborer, 41 at $2.50 per day (313 days)."

Line No. 18, reading, "Laborer, 10," to read, "Laborer, 14 at $2.50 per day (303 days)."

And also change schedule No. 2962 by eliminating line, "Sewer Cleaners at $3 per day, 3,636 days," and substituting therefor line, "Laborers at $3 per day for 7,272 days," instead of 3,636, as at present.

This change is for the purpose of changing the total number of Laborers for which approval has been given by the Civil Service Commission.

This is not only beneficial to the department, but to the men, as they can be transferred from the title of Laborer to many other City departments, and under the title of Laborer we can assign them to duties other than those of Sewer Cleaner.

I would thank you if you would kindly give this matter early attention.

Yours very truly, L. H. POUNDS, President of the Borough.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 19, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 14, 1913, the President of the Borough of Brooklyn requested modification of two wage schedules in his office for the year 1913. In connection therewith I report as follows:

In Personal Service, Wages, Regular Employees, Care of Sewers, No. 2950, Cleaning and Repairing, the following line changes are proposed:

Sewer Cleaner, 1 at $3 per day, 365 days, to be eliminated.

Sewer Cleaner, 12 at $2.50 per day, 365 days, to be eliminated.

Sewer Cleaner, 10 at $2.50 per day, 313 days, to be eliminated.

Sewer Cleaner, 4 at $2.50 per day, 303 days, to be eliminated.

Driver, 4 at $2.50 per day, 313 days, to read: Driver, 3 at $2.50 per day, 313 days.

Laborer, 7 at $3 per day, 365 days, to read: Laborer, 8 at $3 per day, 365 days.

Laborer, 12 at $2.50 per day, 365 days, to read: Laborer, 24 at $2.50 per day, 365 days.

Laborer, 30 at $2.50 per day, 313 days, to read: Laborer, 41 at $2.50 per day, 313 days.

Laborer, 10 at $2.50 per day, 303 days, to read: Laborer, 14 at $2.50 per day, 303 days.

In Personal Service, Wages, Temporary Employees, Care of Sewers, No. 2962, Cleaning and Repairing, the line changes proposed are as follows:

Sewer Cleaner, at $3 per day, 3,636 days, to be eliminated.

Laborer, at $3 per day, 3,636 days, to read: Laborer, at $3 per day, 7,272 days.

The purpose of the request is to provide for the change of title of 39 Sewer Cleaners and 1 Driver to that of Laborer. The change has been approved by the Municipal Civil Service Commission. It involves no increase in the number of men, the total number of days or in the rate of compensation. Under the new title the men can be transferred to other departments, or assigned to other than sewer cleaning work when the necessity therefor arises.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Brooklyn for the year 1913, to be effective as of July 20, 1913, as follows:

PRESIDENT OF THE BOROUGH OF BROOKLYN.

Personal Service, Wages, Regular Employees, Care of Sewers.

2950	Cleaning and Repairing—	
	Stationary Engineer, Electric Pump Station, 2 at $4.50 per day (365 days)	$3,285 00
	Stationary Engineer, 13 at $4.50 per day (365 days)	21,352 50
	Foreman, 1 at $4 per day (365 days)	1,460 00
	Foreman, 8 at $4 per day (313 days)	10,016 00
	Stone Mason, 1 at $4.50 per day (313 days)	1,408 50
	Mason's Helper, 1 at $2.50 per day (313 days)	782 50
	Stoker, 12 at $3 per day (365 days)	13,140 00
	Licensed Fireman, 2 at $3 per day (365 days)	2,190 00
	Driver, 4 at $2.50 per day (365 days)	3,650 00
	Driver, 3 at $2.50 per day (313 days)	2,347 50
	Laborer, 8 at $3 per day (365 days)	8,760 00
	Laborer, 24 at $2.50 per day (365 days)	21,900 00
	Laborer, 41 at $2.50 per day (313 days)	32,082 50
	Laborer, 14 at $2.50 per day (303 days)	10,605 00
		$132,979 50

Personal Service, Wages, Temporary Employees, Care of Sewers.

2962	Cleaning and Repairing—	
	Laborers, at $3 per day (7,272 days)	$21,216 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Board of Education—Acquisition of Property at Intervale Avenue, Freeman and Chisholm Streets, The Bronx (Cal. No. 91).

(On January 30, 1913, the resolution of the Board of Education, in this matter, was referred to the Comptroller.)

The Secretary presented the following:

In the Board of Education.

To the Board of Education:

The Committee on Sites respectfully reports that in the estimate of the corporate stock requirements for new buildings, sites, etc., for the year beginning July 1, 1912, adopted by the Board of Education on June 26, 1912, request was made for funds for a new school building in the vicinity of Prospect avenue and Home street, Borough of The Bronx (see Journal, page 1123). Your committee is informed that a suitable site therefor, on Intervale avenue, Chisholm and Freeman streets, can be purchased, and, in view of the urgent need for additional school accommodations in this vicinity, is of the opinion that the same should be selected in anticipation of favorable action on the request for funds, by the adoption of the following

Resolutions:

Resolved, That the Board of Education hereby selects and determines as a site for school purposes the following described lands and premises on Intervale avenue, Chisholm and Freeman streets, in Local School Board District No. 25, Borough of The Bronx, the assessed valuation of which, as shown by the books of record on file in the Department of Taxes and Assessments, is $97,400:

Beginning at a point formed by the intersection of the westerly line of Intervale avenue with the southerly line of Freeman street, and running thence southerly along the westerly line of Intervale avenue 333.52 feet to the northerly line of Chisholm street, thence westerly along the northerly line of Chisholm street 218.01 feet, thence northerly 286.42 feet to the southerly line of Freeman street, thence easterly along the southerly line of Freeman street 241.01 feet to the westerly line of Intervale avenue, the point or place of beginning, be the said several dimensions more or less.

Resolved, That the Board of Estimate and Apportionment be, and it is hereby respectfully requested to take such action as may be necessary and proper for the acquisition of the lands and premises above described.

A true copy of report and resolutions adopted by the Board of Education January 22, 1913. A. E. PALMER, Secretary, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—At a meeting of your Board, held January 30, 1913, there was referred to the Comptroller, certified copy of a resolution adopted by the Board of Education January 22, 1913, relative to the acquisition of a school site on Intervale avenue, Freeman and Chisholm streets, Borough of The Bronx.

On June 12, 1913, your Board adopted a resolution authorizing an issue of Corporate Stock in a lump sum appropriation of $480,000, which amount provided for a site in the vicinity of Intervale avenue, Freeman and Chisholm streets, Borough of The Bronx. This resolution was concurred in by the Board of Aldermen on July 15, 1913.

The site selected by the Board of Education on Intervale avenue, extending from Freeman to Chisholm streets consists of a plot of ground having a frontage on Intervale avenue of 332.92 feet with a depth on Chisholm street of 218.01 feet, and a frontage on Freeman street of 258.70 feet with a rear width of 286.42 feet.

The premises are in two ownerships, and the portion thereof which is being considered in this resolution contains 70,212 square feet, or a trifle more than 28 of the size, 25 by 100.

The original asking price for these premises was $150,000, but, after negotiation by the Comptroller, the same may be purchased for the sum of $132,500, or at the rate of $4,732 per lot, of the size, 25 by 100.

The price being reasonable and just, I respectfully recommend that your Board approve of the selection of the following described premises for use of the Department of Education:

First Parcel.

All that certain lot, piece or parcel of land, situate, lying and being in the 23rd Ward, Borough of The Bronx, City of New York, bounded and described as follows:

Beginning at a point formed by the intersection of the northerly side of Chisholm street with the westerly side of Intervale avenue, running thence northerly along the westerly side of Intervale avenue 15 feet; thence westerly and parallel with the northerly side of Chisholm street 104 feet and 33-100 of a foot, more or less, to the boundary line between the land now or late of Hannah Levi and the land now or formerly of Lyman Tiffany and others, Trustees of Mary P. Tucker; thence southwesterly along said division line 22 feet and 10-100 of a foot, more or less, to the northerly side of Chisholm street; thence easterly along the northerly side of Chisholm street 120 feet and 57-100 of a foot, more or less, to the point or place of beginning; being the same premises conveyed by Hannah Levi to Benjamin M. Tucker, by deed bearing date the 28th day of June, 1906, and recorded in the office of the Register of the County of New York on the 28th day of June, 1906, in Block Series (Conveyances) Section 11, Liber 90, page 93 and indexed under Block Number 2973 on the Land Map of the City of New York.

Second Parcel.

All those lots of land, part of the Fox Estate, so-called, situate in the City of New York in the County and Borough of The Bronx, which, on a certain map entitled "Map of subdivision of property of Mary L. Tiffany in the 23rd Ward of the City of New York," filed in the office of the Register of the County of New York as Map Number 945, are shown and distinguished as Lots Numbers 22, 23 and 24, in Block Number 444, which said lots, taken together, are bounded and described as follows:

Beginning at a point on the northwesterly side of Intervale avenue, as shown on said map, distance 508 feet and 46-100 of a foot northeasterly from the corner formed by the intersection of the northwesterly side of Intervale avenue with the northeasterly side of 169th street; and running thence northwesterly 77 feet and 26-100 of a foot to a point in the northerly line of the Fox Estate; thence easterly and along the same 105 feet and 19-100 of a foot to a point where said line intersects the northwesterly side of Intervale avenue; thence southwesterly along the northwesterly side of Intervale avenue 71 feet and 37-100 of a foot to the point or place of beginning; being the same premises conveyed by William C. Canning and Ellen M. Canning, his wife, to Benjamin Merritt Tucker by deed bearing date the 27th day of June, 1906, and recorded in the office of the Register of the County of New York on the 28th day of June, 1906, in Block Series (Conveyances) Section 11, Liber 70, page 98 and indexed under Block Number 2973 on the Land Map of the City of New York.

Third Parcel.

All those certain lots of land situate, lying and being in the Borough of The Bronx, New York City, which, on a certain map entitled "Amended map of Section C, Vyse Estate, 23rd and 24th Wards, New York City," made by John G. Van Horne, C. E., and C. S., dated May 10, 1897, annexed to a certain deed made by the 23rd Ward Land Improvement Company to Jennie B. Tompkins, dated May 10, 1897, and recorded in the office of the Register of the City and County of New York on May 19, 1897, a copy of which map was also filed in said Register's office on May 19, 1897, are known and distinguished as lots numbers 587, 588, 589, 590, 591 and 592, said lots being more particularly bounded and described as follows, viz.; Beginning at the corner formed by the intersection of the southerly side of Freeman street with the westerly side of Intervale avenue as laid down on said map; running thence southerly 236 feet and 53-100 of a foot to the southwesterly boundary line of the estate formerly belonging to Thomas Vyse, Jr.; thence northerly along the southwesterly line of said land 245 feet and 72-100 of a foot to the southerly side of Freeman street, as laid down on said map; and thence easterly along the southerly side of Freeman street 127 feet and 75-100 of a foot to the point or place of beginning, and being the same premises conveyed to Benjamin M. Tucker by Occidental Realty Company, by deed dated June 27, 1906, recorded in the office of the Register of the County of New York, June 28, 1906, in Section 11, Liber 90 of Conveyances at page 97, and indexed under Block Number 2973 on the Land Map of the City of New York.

Fourth Parcel.

All that certain other piece or parcel of land situated in the Borough and County of The Bronx, in the City and State of New York, being part of Block Number 2973 on the Land Map of the City of New York and bounded and described as follows: Beginning at a point on the southerly side of Freeman street distant 110 feet easterly from the corner formed by the intersection of the said southerly side of Freeman street with the easterly side of Stebbins avenue, and running thence easterly along the said southerly side of Freeman street 113 feet and 26-100 of a foot; thence in a southeasterly direction 245 feet and 72-100 of a foot to a point in the westerly side of Intervale avenue 236 feet and 52-100 of a foot southerly from said Freeman street; thence southerly along the said westerly side of Intervale avenue 25 feet and 83-100 of a foot; thence in a southwesterly direction 290 feet and 25-100 of a foot to the southwesterly corner of the premises hereby intended to be conveyed; thence northerly 412 feet and 52-100 of a foot to the said southerly side of Freeman street at the point or place of beginning, be the said several distances and dimensions more or less; being the same premises which with other property, were conveyed to the said Benjamin M. Tucker by Richard W. Stevenson, as sole surviving trustee, etc., by deed bearing date April 17, 1906, recorded April 18, 1906, at 3:15 p. m., in Section 11, Liber 86 of Conveyances at page 280; excepting, however, and expressly reserving from said Fourth Parcel so much thereof as was conveyed by the said Benjamin M. Tucker and Engenia M. Tucker, his wife to German Evangelical Mission Church of New York, by deed dated September 1, 1910, recorded September 3, 1910, in Section 11, Liber 118 of Conveyances at page 345; and also excepting and reserving out of said premises hereinabove described as Third Parcel and Fourth Parcel so much thereof as has been taken by The City of New York for the opening of Chisholm street and for the widening of Freeman street, Together with all the right, title and interest, if any, of the owners, of, in and to the streets and avenue in front thereof to the centre thereof

—and authorize the Comptroller to enter into contract for the acquisition of the same, at private sale, at a price not exceeding $132,500, said contract to be submitted to the Corporation Counsel for his approval as to form.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the selection by the Board of Education of the following described property located on Intervale avenue, Freeman and Chisholm streets, Borough of The Bronx, as site for school purposes:

First Parcel.

All that certain lot, piece or parcel of land, situate, lying and being in the 23d Ward, Borough of The Bronx, City of New York, bounded and described as follows:

Beginning at a point formed by the intersection of the northerly side of Chisholm street with the westerly side of Intervale avenue; running thence northerly along the westerly side of Intervale avenue 15 feet; thence westerly and parallel with the northerly side of Chisholm street 104 feet and 33-100 of a foot, more or less, to the boundary line between the land now or late of Hannah Levi and the land now or formerly of Lyman Tiffany and others, trustees of Mary P. Tucker; thence southwesterly along said division line 22 feet and 10-100 of a foot, more or less, to the northerly side of Chisholm street; thence easterly along the northerly side of Chisholm street 120 feet and 57-100 of a foot, more or less, to the point or place of beginning; being the same premises conveyed by Hannah Levi to Benjamin M. Tucker, by deed bearing date the 28th day of June, 1906, and recorded in the office of the Register of the County of New York on the 28th day of June, 1906, in block series (Conveyances), section 11, liber 90, page 93, and indexed under block number 2973 on the Land Map of The City of New York.

Second Parcel.

All those lots of land, part of the Fox estate, so-called, situate in The City of New York in the County and Borough of The Bronx, which on a certain map entitled "Map of subdivision of property of Mary L. Tiffany, in the 23d Ward of The City of New York," filed in the office of the Register of the County of New York as map number 945, are shown and distinguished as lots numbers 22, 23 and 24, in block number 444, which said lots taken together are bounded and described as follows:

Beginning at a point on the northwesterly side of Intervale avenue, as shown on said map, distant 508 feet and 46-100 of a foot northeasterly from the corner formed by the intersection of the northwesterly side of Intervale avenue with the northeasterly side of 169th street; and running thence northwesterly 77 feet and 26-100 of a foot to a point in the northerly line of the Fox estate; thence easterly and along the same 105 feet and 19-100 of a foot to a point where said line intersects the northwesterly side of Intervale avenue; thence southwesterly along the northwesterly side of Intervale avenue 71 feet and 37-100 of a foot to the point or place of beginning; being the same premises conveyed by William C. Canning and Ellen M. Canning, his wife, to Benjamin Merritt Tucker by deed bearing date the 27th day of June, 1906, and recorded in the office of the Register of the County of New York on the 28th day of June, 1906, in block series (Conveyances), section 11, liber 70, page 98, and indexed under block number 2973 on the land map of The City of New York.

Third Parcel.

All those certain lots of land situate, lying and being in the Borough of The Bronx, New York City, which on a certain map entitled "Amended map of Section C, Vyse Estate, 23d and 24th Wards, New York City," made by John G. Van Horne, C. E. and C. S., dated May 10, 1897, annexed to a certain deed made by the 23d Ward Land Improvement Company to Jennie B. Tompkins, dated May 10, 1897, and recorded in the office of the Register of the City and County of New York, on May 19, 1897, a copy of which map was also filed in said Register's office on May 19, 1897, are known and distinguished as lots numbers 587, 588, 589, 590, 591 and 592, said lots being more particularly bounded and described as follows, viz.: Beginning at the corner formed by the intersection of the southerly side of Freeman street with the westerly side of Intervale avenue as laid down on said map; running thence southerly 236 feet and 53-100 of a foot to the southwesterly boundary line of the estate formerly belonging to Thomas Vyse, Jr.; thence northerly along the southwesterly line of said land 245 feet and 72-100 of a foot to the southerly side of Freeman street, as laid down on said map; and thence easterly along the southerly side of Freeman street 127 feet and 75-100 of a foot to the point or place of beginning, and being the same premises conveyed to Benjamin M. Tucker by Occidental Realty Company, by deed dated June 27, 1906, recorded in the office of the Register of the County of New York, June 28, 1906, in section 11, liber 90 of Conveyances, at page 97, and indexed under block number 2973 on the land map of The City of New York.

Fourth Parcel.

All that certain other piece or parcel of land situated in the Borough and County of The Bronx, in the City and State of New York, being part of block number 2973 on the land map of The City of New York and bounded and described as follows: Beginning at a point on the southerly side of Freeman street, distant 110 feet easterly from the corner formed by the intersection of the said southerly side of Freeman street with the easterly side of Stebbins avenue, and running thence easterly along the said southerly side of Freeman street 113 feet and 26-100 of a foot; thence in a southeasterly direction 245 feet and 72-100 of a foot to a point in the westerly side of Intervale avenue 236 feet and 52-100 of a foot southerly from said Freeman street; thence southerly along the said westerly side of Intervale avenue 25 feet and 83-100 of a foot; thence in a southwesterly direction 290 feet and 25-100 of a foot to the southwesterly corner of the premises hereby intended to be conveyed; thence northerly 412 feet and 52-100 of a foot to the said southerly side of Freeman street at the point or place of beginning, be the said several distances and dimensions more or less; being the same premises which, with other property, were conveyed to the said Benjamin M. Tucker by Richard W. Stevenson, as sole surviving trustee, etc., by deed bearing date April 17, 1906, recorded April 18, 1906, at 3.15 p. m. in section 11, liber 86 of Conveyances, at page 280; excepting, however, and expressly reserving from said fourth parcel so much thereof as was conveyed by the said Benjamin M. Tucker and Eugenia M. Tucker, his wife, to German Evangelical Mission Church of New York by deed dated September 1, 1910, recorded September 3, 1910, in section 11, liber 118 of Conveyances, at page 345; and also excepting and reserving out of said premises hereinabove described as Third Parcel and Fourth Parcel, so much thereof as has been taken by The City of New York for the opening of Chisholm street and for the widening of Freeman street, together with all the right, title and interest, if any, of the owners, of, in and to the streets and avenue in front thereof to the centre thereof.

—and authorizes the Comptroller to enter into a contract for the acquisition of said property at private sale, at a price not exceeding one hundred and thirty-two thousand five hundred dollars ($132,500), said contract to be submitted to the Corporation Counsel for approval as to form.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Docks and Ferries—Modification of Schedule (Cal. No. 92).

The Secretary presented the following:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 10, 1913, your Board approved of the modification of a schedule for the Department of Docks and Ferries, entitled, Contract or Open Order Service, General Repairs, No. 291, General Maintenance. Owing to a clerical error the revenue bond allowance was not included in the modification. I therefore request the further modification thereof in order that the error be rectified.

The attached resolution will accomplish the desired result. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Docks and Ferries for the year 1913, as follows:

DEPARTMENT OF DOCKS AND FERRIES.

Contract or Open Order Service, General Repairs.

291	General Maintenance	$101,765 00
	Tax Levy Allowance	$92,765 00
	Revenue Bond Allowance	9,000 00
	Total allowance	$101,765 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Health—Modification of Schedule (Cal. No. 93).

The Secretary presented the following:

Department of Health of The City of New York, Borough of Manhattan, 55th Street and 6th Avenue, New York, July 10, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* No. 277 Broadway:

Sir—At a meeting of the Board of Health of the Department of Health, held July 1, 1913, the following resolution was adopted:

"Resolved, That the Board of Estimate and Apportionment be and it is hereby

respectfully requested to approve of the following changes and modifications in the schedules supporting the appropriations made to the Department of Health for salaries for the year 1913:

"Supporting Schedule to No. 536, Personal Service, Promoting Public Health, Communicable Diseases, Salaries, Regular Employees.

Medical Inspector	$3,000 00
Medical Inspector, 2 at $1,800	3,600 00
Medical Inspector, 24 at $1,500	36,000 00
Medical Inspector	1,200 00
Bacteriologist	1,500 00
Bacteriological Diagnostician, 2 at $1,350	2,700 00
Bacteriological Diagnostician, 2 at $1,200	2,400 00
Bacteriological Diagnostician	1,050 00
Hospital Physician, 5 at $1,200	6,000 00
Attending Physician, 51 at $600	30,600 00
Assistant Attending Physician, 10 at $300	3,000.00
Dentist	1,200 00
Clerk, 2 at $1,500	3,000 00
Clerk, 4 at $1,200	4,800 00
Clerk, 2 at $1,050	2,100 00
Clerk, 6 at $900	5,400 00
Clerk, 5 at $750	3,750 00
Clerk	600 00
Clerk, 2 at $540	1,080 00
Clerk, 13 at $480	6,240 00
Clerk, 2 at $300	600 00
Hospital Clerk	900 00
Hospital Clerk, 3 at $750	2,250 00
Hospital Clerk, 4 at $600	2,400 00
Stenographer and Typewriter, 2 at $750	1,500 00
Stenographer and Typewriter, 2 at $600	1,200 00
Typewriting Copyist	900 00
Typewriting Copyist	750 00
Assistant Director Bacteriological Laboratory	1,800 00
Nurse	1,200 00
Supervising Nurse, 5 at $1,050	5,250 00
Nurse, 153 at $900	137,700 00
Social Service Nurse, 4 at $900	3,600 00
Laboratory Assistant, 2 at $900	1,800 00
Laboratory Assistant, 6 at $750	4,500 00
Laboratory Assistant, 13 at $600	7,800 00
Cleaner, 16 at $360	5,760 00
Laborer	900 00
Laborer, 3 at $660	1,980 00
Laborer, 2 at $600	1,200 00
Automobile Engineman, 2 at $1,200	2,400 00
	$305,610 00

"Change item, 'Clerk,' 1 at $1,500—$1,500, to read 'Clerk,' 2 at $1,500—$3,000.

"Strike out item 'Hospital Clerk,' 1 at $1,500."

A true copy, EUGENE W. SCHEFFER, Secretary.

Department of Health of The City of New York, Borough of Manhattan, 55th Street and 6th Avenue, New York, July 11, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment*, No. 277 Broadway:

Sir—At a meeting of the Board of Health of the Department of Health, held July 1, 1913, the following resolution was adopted:

"Resolved, That the Board of Estimate and Apportionment be and it is hereby respectfully requested to approve of the following changes and modifications in the schedules supporting the appropriations made to the Department of Health for salaries for the year 1913:

"Supporting Schedule to No. 540, Personal Service, Salaries, Regular Employees, Laboratory Service, Research and Vaccine:

General Director, Bacteriological Laboratory	$5,000 00
Assistant Director, 2 at $3,000	6,000 00
Assistant Director, 3 at $2,100	6,300 00
Assistant Director, Vaccine Laboratory	1,800 00
Medical Inspector	3,000 00
Chemist	1,800 00
Bacteriologist, 5 at $1,800	9,000 00
Bacteriologist, 7 at $1,500	10,500 00
Bacteriologist, 11 at $1,200	13,200 00
Bacteriological Diagnostician	1,050 00
Pathologist	1,200 00
Librarian	900 00
Clerk	1,500 00
Clerk	480 00
Typewriting Copyist	750 00
Veterinarian	1,500 00
Laboratory Assistant, 2 at $1,050	2,100 00
Laboratory Assistant, 8 at $900	7,200 00
Laboratory Assistant, 12 at $750	9,000 00
Laboratory Assistant, 19 at $600	11,400 00
Laborer	780 00
Laborer, 4 at $720	2,880 00
Laborer, 4 at $600	2,400 00
Laborer, 4 at $480	1,920 00
	$101,660 00

"Strike out item Typewriting Copyist, 1 at $600.

"Insert item Typewriting Copyist, 1 at $750.

"Change item Laboratory Assistant, 13 at $750—$9,750, to read Laboratory Assistant, 12 at $750—$9,000.

"Change item Laboratory Assistant, 18 at $600—$10,800, to read Laboratory Assistant, 19 at $600—$11,400."

A true copy. EUGENE W. SCHEFFER, Secretary.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 21, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 10 and 11, 1913, the Board of Health requested modification of two schedules of salaries in the Department of Health for the year 1913. In connection therewith I report as follows:

In No. 536, Salaries, Regular Employees, Promoting Public Health, Communicable Diseases, it is proposed to change the title of a Hospital Clerk, at $1,500, to Clerk, at the same rate. The change is to make the title conform to the work being done by the incumbent.

In No. 540, Salaries, Regular Employees, Laboratory Service, Research and Vaccine, the line, "Laboratory Assistant, 13 at $750," is changed to read, "Laboratory Assistant, 12 at $750, *Laboratory Assistant, 1 at $600 (A. S. I. $100)." A position of Laboratory Assistant, at $750, is reduced to $600, and the remaining $150 is used to increase a Miss Agnes Keefe, a Typewriting Copyist, from $600 to $750. Miss Keefe has been in the employ of the City since January 1, 1909, at the $600 rate. The line, "Typewriting Copyist, 1 at $600," is changed to read, "*Typewriting Copyist, 1 at $750 (A. S. I., $350)," to provide for the increase.

The following table shows the item changes in detail:

Account No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
536	Clerk	.....	$1,500 00	.....	$750 00
	Hospital Clerk	$1,500 00	.....	$750 00	.....
540	*Typewriting Copyist, at $750 (A. S. I. $350)	.....	750 00	.....	375 00
	Typewriting Copyist, 1 at $600	600 00	.....	300 00	.....
	Laboratory Assistant, 13 at $750	750 00	.....	375 00	.....
	*Laboratory Assistant, at $600 (A. S. I. $100)	.....	600 00	.....	300 00
		$2,850 00	$2,850 00	$1,425 00	$1,425 00

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Health for the year 1913, to be effective as of July 1, 1913, as follows:

DEPARTMENT OF HEALTH.

Personal Service, Salaries, Regular Employees, Promoting Public Health.

536	Communicable Diseases—	
	Medical Inspector	$3,000 00
	Medical Inspector, 2 at $1,800	3,600 00
	Medical Inspector, 24 at $1,500	36,000 00
	Medical Inspector	1,200 00
	Bacteriologist	1,500 00
	Bacteriological Diagnostician, 2 at $1,350	2,700 00
	Bacteriological Diagnostician, 2 at $1,200	2,400 00
	Bacteriological Diagnostician	1,050 00
	Hospital Physician, 5 at $1,200	6,000 00
	Attending Physician, 51 at $600	30,600 00
	Assistant Attending Physician, 10 at $300	3,000 00
	Dentist	1,200 00
	Clerk, 2 at $1,500	3,000 00
	Clerk, 4 at $1,200	4,800 00
	Clerk, 2 at $1,050	2,100 00
	Clerk, 6 at $900	5,400 00
	Clerk, 5 at $750	3,750 00
	Clerk	600 00
	Clerk, 2 at $540	1,080 00
	Clerk, 13 at $480	6,240 00
	Clerk, 2 at $300	600 00
	Hospital Clerk	900 00
	Hospital Clerk, 3 at $750	2,250 00
	Hospital Clerk, 4 at $600	2,400 00
	Stenographer and Typewriter, 2 at $750	1,500 00
	Stenographer and Typewriter, 2 at $600	1,200 00
	Typewriting Copyist	900 00
	Typewriting Copyist	750 00
	Assistant Director, Bacteriological Laboratory	1,800 00
	Nurse	1,200 00
	Supervising Nurse, 5 at $1,050	5,250 00
	Nurse, 153 at $900	137,700 00
	Social Service Nurse, 4 at $900	3,600 00
	Laboratory Assistant, 2 at $900	1,800 00
	Laboratory Assistant, 6 at $750	4,500 00
	Laboratory Assistant, 13 at $600	7,800 00
	Cleaner, 16 at $360	5,760 00
	Laborer	900 00
	Laborer, 3 at $660	1,980 00
	Laborer, 2 at $600	1,200 00
	Automobile Engineman, 2 at $1,200	2,400 00
		$305,610 00

Personal Service, Salaries, Regular Employees, Laboratory Service.

		Paid from Tax Levy Appropriation.	Paid from Antitoxin Fund.	Total.
540	Research and Vaccine—			
	General Director of Bacteriological Laboratory	$5,000 00	.....	$5,000 00
	Assistant Director, 2 at $3,000	3,000 00	$3,000 00	6,000 00
	Assistant Director, 3 at $2,100	6,300 00	.....	6,300 00
	Assistant Director, Vaccine Laboratory	1,800 00	.....	1,800 00
	Medical Inspector	3,000 00	.....	3,000 00
	Chemist	1,800 00	.....	1,800 00
	Bacteriologist, 5 at $1,800	7,200 00	1,800 00	9,000 00
	Bacteriologist, 7 at $1,500	9,000 00	1,500 00	10,500 00
	Bacteriologist, 11 at $1,200	13,200 00	.....	13,200 00
	Bacteriological Diagnostician	.....	1,050 00	1,050 00
	Pathologist	1,200 00	.....	1,200 00
	Librarian	900 00	.....	900 00
	Clerk	1,500 00	.....	1,500 00
	Clerk	480 00	.....	480 00
	*Typewriting Copyist, 1 at $750 (A. S. I., $330)	750 00	.....	750 00
	Veterinarian	1,500 00	.....	1,500 00
	Laboratory Assistant, 2 at $1,050	2,100 00	.....	2,100 00
	Laboratory Assistant, 8 at $900	5,400 00	1,800 00	7,200 00
	Laboratory Assistant, 12 at $750	9,000 00	.....	9,000 00
	Laboratory Assistant, 18 at $600	9,600 00	1,200 00	11,400 00
	*Laboratory Assistant (A. S. I., $100)	600 00	.....	600 00
	Laborer	780 00	.....	780 00
	Laborer, 4 at $720	1,440 00	1,440 00	2,880 00
	Laborer, 4 at $600	2,400 00	.....	2,400 00
	Laborer, 4 at $480	1,920 00	.....	1,920 00
	Schedule total			$101,640 00
	Tax Levy Allowance			89,870 00
	"The Antitoxin Fund" Allowance			11,790 00
	Total Allowance			$101,660 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Correction—Modification of Schedule and Transfer of Appropriation (Cal. No. 94).

The Secretary presented the following:

Department of Correction of The City of New York, Commissioner's Office, 148 East 20th Street, New York, July 17, 1913.

JOSEPH HAAG, *Esq., Secretary, Board of Estimate and Apportionment*, No. 277 Broadway, New York City:

Dear Sir—I would respectfully request the honorable the Board of Estimate and Apportionment to make revisions in the following salary schedules for the schedule lines affected as indicated below:

Present Schedule.

410	District Prisons—	
	22 Keepers at $1,200	$26,400 00
	9 Keepers at $1,050	9,450 00
	2 Keepers at $900	1,800 00

4 Keepers at $800	3,200 00
	$40,850 00

Proposed Schedule.

410 District Prisons—	
21 Keepers at $1,200	$25,200 00
8 Keepers at $1,050	8,400 00
3 Keepers at $900	2,700 00
5 Keepers at $800	4,000 00
	$40,300 00

Present Schedule.

411 City Prison, Manhattan—	
16 Keepers at $1,200	$19,200 00
11 Keepers at $800	8,800 00
	$28,000 00

Proposed Schedule.

411 City Prison, Manhattan—	
17 Keepers at $1,200	$20,400 00
10 Keepers at $800	8,000 00
	$28,400 00

Present Schedule.

414 Workhouse, Blackwells Island—	
23 Keepers at $1,200	$27,600 00
1 Keeper at $800	800 00
	$28,400 00

Proposed Schedule.

414 Workhouse, Blackwells Island—	
22 Keepers at $1,200	$26,400 00
2 Keepers at $800	1,600 00
	$28,000 00

Present Schedule.

416 Rikers Island Branch—	
1 Keeper at $1,050	$1,050 00
2 Keepers at $800	1,600 00
	$2,650 00

Proposed Schedule.

416 Rikers Island Branch—	
3 Keepers at $800	$2,400 00
	$2,400 00

Present Schedule.

417 New York City Reformatory—	
2 Keepers at $900	1,800 00
7 Keepers at $800	5,600 00
	$7,400 00

Proposed Schedule.

417 New York City Reformatory—	
1 Keeper at $900	900 00
8 Keepers at $800	6,400 00
	$7,300 00

In order to provide for the above revision, I would ask your honorable Board to authorize the necessary transfers of funds from such appropriation in which there are balances available, to those in which the amounts allowed are insufficient.

Very respectfully, WM. J. WRIGHT, Deputy and Acting Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 17, 1913, the Commissioner of Correction requested the modification of five salary schedules in his department for the year 1913, involving cash transfers in the sum of $400 within appropriations. In connection therewith, I report as follows:

The request is in Personal Service, Salaries, Regular Employees, Prison Service, Care of Plant and Inmates, No. 410, District Prisons; No. 411, City Prison, Manhattan; No. 417, Reformatory; Workhouse, No. 414, Blackwell's Island, and No. 416, Harts Island Branch.

The changes call for the transfer of Keepers and the filling of two vacancies at the minimum rate. No increase in compensation is involved.

In No. 410 it is proposed to transfer a Keeper at $1,200 per annum to the City Prison, Manhattan, and one at $800 to the Reformatory. The two vacancies created thereby are to be filled by the transfer of a Keeper at $900 per annum from the Reformatory and one at $800 from the City Prison, Manhattan. It is further proposed to substitute a Keeper at $800 per annum for one at $1,050, the $250 released thereby to be carried as a balance assigned.

In No. 411 it is proposed to transfer a Keeper, at $800 per annum, to District Prisons, and to fill the vacancy by the transfer of a Keeper, at $1,200, now in the same institution.

In No. 414 it is proposed to substitute a Keeper, at $800 per annum, for one at $1,200, the $400 released thereby to be carried as a balance unassigned.

In No. 416 it is proposed to substitute a Keeper, at $800 per annum, for one at $1,050, the $250 released thereby to be carried as a balance unassigned.

In No. 417 it is proposed to transfer a Keeper, at $900 per annum, to District Prisons, and to fill the vacancy by the transfer of one at $800 now in the same institution.

The following table shows the line item changes in detail:

Account No.	Schedule Line.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
410	Keeper, 22 at $1,200	.....	$1,200 00	.....	$600 00
	Keeper, 9 at $1,050	.....	1,050 00	.....	525 00
	Keeper, 2 at $900	$900 00	.....	$450 00	.....
	Keeper, 2 at $800	1,600 00	800 00	800 00	400 00
	*Balance unassigned (A. S. I., $950)	250 00	.....	125 00	.....
411	Keeper, 16 at $1,200	1,200 00	.....	600 00	.....
	Keeper, 11 at $800	.....	800 00	.....	400 00
414	Keeper, 23 at $1,200	.....	1,200 00	.....	600 00
	Keeper, 1 at $800	800 00	.....	400 00	.....
	Balance unassigned	400 00	.....	200 00	.....
416	Keeper, 1 at $1,050	.....	1,050	.....	525 00
	Keeper, 2 at $800	800 00	.....	400 00	.....
	Balance unassigned	250 00	.....	125 00	.....
417.	Keeper, 2 at $900	.....	900 00	.....	450 00
	Keeper, 6 at $800	800 00	.....	400 00	.....
		$7,000 00	$7,000 00	$3,500 00	$3,500 00

The Commissioner states that the transfers of Keepers are necessary from time to time in order to meet the demands of the different institutions. No increase in the total number of Keepers allotted to each institution is involved.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Department of Correction for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, Prison Service, Care of Plant and Inmates.

410 District Prisons	$300 00

Personal Service, Salaries, Regular Employees, Prison Service, Care of Plant and Inmates.

417 Reformatory	100 00

TO

Personal Service, Salaries, Regular Employees, Prison Service, Care of Plant and Inmates.

411 City Prison, Manhattan	$400 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Correction for the year 1913, to be effective as of July 1, 1913, as follows:

DEPARTMENT OF CORRECTION.

Personal Service, Salaries, Regular Employees, Prison Service, Care of Plant and Inmates.

410 District Prisons—	
Warden	$3,000 00
Physician	1,500 00
Matron	900 00
Matron, 2 at $600	1,200 00
Matron, 1 at $600 (N. A. S. I.)	600 00
Keeper, 21 at $1,200	25,200 00
Keeper, 8 at $1,050	8,400 00
Keeper, 3 at $900	2,700 00
Keeper, 2 at $800	1,600 00
*Keeper, 1 at $800 (A. S. I., $100)	800 00
*Keeper, 1 at $800 (A. S. I., $100)	800 00
*Keeper, 1 at $800 (N. A. S. I.)	800 00
Orderly, 7 at $480	3,360 00
Laundress	450 00
*Balance unassigned (A. S. I.)	1,200 00
	$52,510 00

Personal Service, Salaries, Regular Employees, Prison Service, Care of Plant and Inmates.

	Paid from Tax Levy Appropriation.	Paid from Special Revenue Bonds.	Total.
411 City Prison, Manhattan—			
Warden	$3,000 00	.....	$3,000 00
Head Keeper	1,800 00	.....	1,800 00
Physician	1,500 00	.....	1,500 00
Resident Physician	.....	$1,200 00	1,200 00
Apothecary	900 00	.....	900 00
Clerk	1,200 00	.....	1,200 00
Matron, 3 at $900	2,700 00	.....	2,700 00
Matron	600 00	.....	600 00
Matron, 1 at $600 (N. A. S. I.)	600 00	.....	600 00
Keeper, 17 at $1,200	20,400 00	.....	20,400 00
Keeper, 9 at $1,050	9,450 00	.....	9,450 00
Keeper, 7 at $900	6,300 00	.....	6,300 00
Keeper, 10 at $800	5,600 00	2,400 00	8,000 00
*Keeper, 1 at $800 (A. S. I., $200)	800 00	.....	800 00
*Keeper, 1 at $800 (N. A. S. I.)	800 00	.....	800 00
*Keeper, 1 at $800 (A. S. I., $100)	800 00	.....	800 00
Cook	720 00	.....	720 00
Elevatorman	600 00	.....	600 00
Orderly, 9 at $480	4,320 00	.....	4,320 00
Orderly	360 00	.....	360 00
Hospital Helper	480 00	.....	480 00
*Balance Unassigned (A. S. I.)	400 00	.....	400 00
			$66,930 00
Tax Levy Allowance			$63,330 00
Special Revenue Bond Allowance			3,600 00
Total Allowance			$66,930 00

Personal Service, Salaries Regular Employees, Prison Service, Care of Plant and Inmates, Workhouse.

414 Blackwells Island—	
Warden	$2,500 00
Head Keeper	1,800 00
Clerk	1,200 00
Clerk	900 00
Apothecary	900 00
Matron, 7 at $900	6,300 00
Chaplain, 3 at $450	1,350 00
Keeper, 22 at $1,200	26,400 00
Keeper, 3 at $1,050	3,150 00
Keeper, 6 at $900	5,400 00
Keeper	800 00
Keeper, 1 at $800 (N. A. S. I.)	800 00
Trained Nurse (Female)	600 00
Trained Nurse (Male)	600 00
Nurse	360 00
Orderly (Female), 12 at $360	4,320 00
Orderly (Male), 7 at $360	2,520 00
Orderly (Male), 4 at $240	960 00
Hospital Helper, 5 at $600	3,000 00
Hospital Helper, 9 at $480	4,320 00
Cook	720 00
Shoemaker	900 00
Gardener	1,050 00
Mechanic's Helper	600 00
Mason	1,200 00
*Balance Unassigned (A. S. I.)	400 00
	$73,050 00

Personal Service, Salaries Regular Employees, Prison Service, Care of Plant and Inmates, Workhouse.

416 Rikers Island Branch—	
Head Keeper	$1,800 00
Physician	1,200 00
Chaplain, 2 at $450	900 00
Keeper, 7 at $1,200	8,400 00
Keeper, 3 at $900	2,700 00
Keeper, 2 at $800	1,600 00
*Keeper, 1 at $800 (A. S. I. $100)	800 00
Orderly	480 00
Balance Unassigned (A. S. I.)	250 00
	$18,130 00

Personal Service, Salary, Regular Employees, Prison Service, Care of Plant and Inmates.

417	Reformatory—	
	Overseer	$1,800 00
	Teacher, 4 at $800	3,200 00
	Keeper, 3 at $1,200	3,600 00
	Keeper, 1 at $900	900 00
	Keeper, 7 at $800	5,600 00
	Keeper, 1 at $800 (A. S. I., $100)	800 00
	Gardener	1,050 00
	Hospital Helper	600 00
	Hospital Helper, 4 at $480	1,920 00
	Orderly	360 00
	Cook	720 00
	Balance unassigned (A. S. I.)	250 00
		$20,800 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Modification of Schedule and Transfer of Appropriation (Cal. No. 95).

The Secretary presented the following:

Fire Department of The City of New York, July 14, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment:*

Sir—Transfer and modification of salary accounts of the Department for the year 1913 as shown by the attached schedule are requested. This transfer, in order to increase the salary of Stenographer Elvie K. Macoy, from fifteen hundred ($1,500) to sixteen hundred and fifty ($1,650) dollars per annum, is within the total appropriation made to this Department and is in accordance with the rules of the Board of Estimate and Apportionment. Respectfully,

GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 14, 1913, the Deputy and Acting Fire Commissioner requested modification of two salary schedules, involving a cash transfer of $75, in his Department for the year 1913. In connection therewith, I report as follows:

In No. 1355, General Administration, Executive, Brooklyn and Queens, it is proposed to change the line, "Stenographer, 1 at $1,500," to "*Stenographer, 1 at $1,650 (A. S. I. $650)." It is proposed to increase the salary of Elvie K. Macoy, Stenographer, from $1,500 to $1,650 per annum. The Commissioner states that the character of the work and the length of service of Miss Macoy warrant the increase. The grade of position has been established in accordance with the provisions of section 56 of the Greater New York Charter. The necessary $150 for the increase is obtained by transfer from No. 1385, Care of Buildings and Grounds, Headquarters Building, Brooklyn and Queens, in which schedule the line, "Cleaner, 1 at $912.50," is changed to read, "*Cleaner, 2 at $360 (A. S. I. $55.83 each), $720," "*Balance unassigned (A. S. I.) $42.50," the remaining $150 being used for the above transfer. This action complies with the resolution governing salary increases adopted by the Board of Estimate and Apportionment on January 30, 1913.

The line item changes in detail are shown in the following table:

Code No.	Title.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
1355	Stenographer, 1 at $1,500	$1,500 00	.....	$750 00	.....
	*Stenographer, at $1,650 (A. S. I., $650)	.....	$1,650 00	.....	$825 00
		$1,500 00	$1,650 00	$750 00	$825 00
		.....	1,500 00	.....	750 00
	Credit transfer	.....	$150 00	.....	$75 00
1385	Cleaner, 1 at $912.50	$912 50	.....	$456 25	.....
	*Cleaner, at $360 (A. S. I., $55.83 each)	.....	$720 00	.....	$360 00
	*Balance unassigned (A. S. I.).	.....	42 50	.....	21 25
		$912 50	$762 50	$456 25	$381 25
		762 60	.....	381 25	.....
	Debit transfer	$150 00	.....	$75 00	.....

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Fire Department for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, Care of Buildings and Grounds.

1385	Headquarters Building, Brooklyn and Queens	$75 00

TO

Personal Service, Salaries, Regular Employees, General Administration.

1355	Executive, Brooklyn and Queens	$75 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised for the Fire Department, for the year 1913, to be effective as of July 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, General Administration.

1355	Executive, Brooklyn and Queens—	
	Deputy Commissioner	$5,000 00
	Secretary to Deputy Commissioner	2,000 00
	*Stenographer, 1 at $1,650 (A. S. I., $650)	1,650 00
	Clerk	1,200 00
	Messenger	1,500 00
		$11,350 00

Care of Buildings and Grounds.

1385	Headquarters Building, Brooklyn and Queens—	
	Elevator Attendant	$912 50
	Cleaner, 3 at $360	1,080 00
	*Cleaner, 2 at $360 (A. S. I., $55.83 each)	720 00
	*Balance unassigned (A. S. I.)	42 50
		$2,755 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Brooklyn—Modification of Schedule and Transfer of Appropriation (Cal. No. 96).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 14, 1913.

Hon. WM. A. PRENDERGAST, *Comptroller, Department of Finance, City of New York:*

Dear Sir—I submit herewith proposed modification of Salary Schedule No. 2933 and would respectfully ask that you kindly have report prepared in your Department recommending this modification, to provide for, Clerk, at $1,650, in the Bureau of Incumbrances, in place of, Clerk, at $1,050, the additional $600 to be transferred from Account No. 2928, General Administration, in which account we eliminate the line Clerk, at $600.

It is our desire to transfer, from another Department, a Clerk who is now obtaining a salary of $1,700, as he desires to come here at a salary of $1,650, as the advantages of this Department are greater than those in which he now is.

I would thank you to give this matter early consideration, as we are short-handed at the present time and are desirous of obtaining the services of this very capable young man as soon as possible. Yours very truly,

L. H. POUNDS, President of the Borough.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 14, 1913, the President of the Borough of Brooklyn requested modification of the two salary schadules, involving transfer of funds, in his office. In connection therewith, I report as follows:

The request is in Personal Service, Salaries, Regular Employees, No. 2928, Administration, Executive, and in No. 2933, Care of Highways, Incumbrances.

It is proposed to consolidate the line, "Clerk, 1 at $600," in No. 2928, which position is vacant, with the line, "Clerk, 1 at $1,050," in No. 2933, thereby changing it to read: "Clerk, 1 at $1,650 (A. S. I. $550)." This will necessitate a cash transfer of $250 from No. 2928 to No. 2933.

The President desires to obtain, by transfer from another department, the services of an experienced clerk, at present receiving $1,700 per annum, who will be assigned, although his salary will be paid from Schedule No. 2933, to the work of keeping the materials ledger and the cost accounting. Employees whose salaries are paid from different budget schedules work in the same room; the present organization of the force does not follow the budget lines. The materials accounts were formerly kept by an Assistant Engineer, who has since been assigned to field work. A $1,050 clerk, who has been in charge of the books, has not proved satisfactory, and the work is now so far behind that monthly reports are of little value when completed. It is intended to transfer the position of Clerk, at $1,050, to another schedule.

The line item changes in detail are as follows:

Code No.	Title.	Schedule Transfer. Increase.	Schedule Transfer. Decrease.	Cash Transfer. Increase.	Cash Transfer. Decrease.
2928	Clerk, 1 at $600	.....	$600 00	.....	$250 00
		.....	$600 00	.....	$250 00
2933	Clerk, 1 at $1,050	.....	$1,050 00	.....	$437 50
	*Clerk, at $1,650 (A. S. I. $550)	$1,650 00	.....	$687 50	.....
		$1,650 00	$1,050 00	$687 50	$437 50
	Total, both schedules	$1,650 00	$1,650 00	$687 50	$687 50

The proposed modification is in accord with your resolution of January 30, 1913, governing schedule modifications. No salary increases are involved.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the President of the Borough of Brooklyn, for the year 1913, as follows:

PRESIDENT, BOROUGH OF BROOKLYN.

FROM

Personal Service, Salaries, Regular Employees.

2928	Administration, Executive	$250 00

TO

Care of Highways.

2933	Incumbrances	$250 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Brooklyn, for the year 1913, to be effective as of August 1, 1913, as follows:

PRESIDENT, BOROUGH OF BROOKLYN.

Personal Service, Salaries, Regular Employees, Administration.

2928	Executive—	
	President of the Borough	$7,500 00
	Commissioner, Public Works	6,000 00
	Assistant Commissioner, Public Works	5,000 00
	Consulting Engineer	7,200 00
	Assistant Engineer	3,000 00
	Secretary of the Borough	3,500 00
	Secretary to the President	4,000 00
	Secretary to Commissioner	3,300 00
	Chief Clerk	3,000 00
	Executive Clerk	2,400 00
	Confidential Inspector	2,100 00
	Stenographer to Local Boards	2,100 00
	Stenographer	1,800 00
	Stenographer, 4 at $1,500	6,000 00
	Stenographer	1,200 00
	Clerk, 2 at $2,100	4,200 00
	Clerk, 2 at $1,800	3,600 00
	Clerk	1,650 00
	Clerk	1,500 00
	Clerk, 2 at $1,350	2,700 00
	Clerk	1,200 00
	Clerk, 2 at $1,050	2,100 00
	Clerk	750 00
	Clerk	300 00
	Auto Engineman	1,500 00
	Auto Engineman	1,200 00
	Messenger	1,050 00
		$79,850 00

Care of Highways.

2933	Incumbrances—	
	Superintendent of Incumbrances	$2,550 00
	*Clerk, 1 at $1,650 (A. S. I. $550)	1,650 00
	Inspector	1,500 00
	Inspector, 6 at $1,200	7,200 00
	Driver	900 00
		$13,800 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Modification of Schedules and Transfer of Appropriation (Cal. No. 97).

The Secretary presented the following:

Fire Department of The City of New York, July 14, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment:*

Sir—Transfer and modification of salary accounts of the Department for the year 1913 as shown by the attached schedule are requested. This transfer, in order to increase the salary of Chief Medical Officer Joseph E. Smith, from three thousand six hundred dollars ($3,600) to four thousand two hundred dollars ($4,200) per annum, is within the total appropriation made to this Department and is in accordance with the rules of the Board of Estimate and Apportionment. Respectfully,

GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 14, 1913, the Deputy and Acting Fire Commissioner requested modification of two salary schedules, involving a cash transfer of $300, in his Department for the year 1913. In connection therewith I report as follows:

In No. 1368, Medical and Surgical Service, it is proposed to increase the salary of the Chief Medical Officer, Dr. J. E. Smith, from $3,600 to $4,200. Dr. Smith has charge of the Medical Service of the Department. He entered the service in 1886. The ten medical officers subordinate to him rank as batallion chiefs. The Commissioner states that the salary of their superior officer should be $4,200, which is the amount paid to Deputy Chiefs, the next higher rank in the uniformed force. The money necessary for this purpose is provided in No. 1367, Operation, by reducing the line "Firemen, All Grades, Including Mandatory Increases," from $4,374,435.06 to $4,373,835.06, and transferring the amount released to No. 1368.

The line item changes in detail are shown in the following table:

Code No.	Title.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
1367	Firemen, All Grades, Including Mandatory Increases	$600 00	.....	$300 00	.....
1368	Chief Medical Officer	.....	$600 00	.....	$300 00
		$600 00	$600 00	$300 00	$300 00

The grade of position of Chief Medical Officer at $4,200 has been established in accordance with the provisions of section 56 of the Greater New York Charter.

I recommend adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to the Fire Department for the year 1913, as follows:

FROM

Personal Service, Salaries, Regular Employees, Fire Fighting, Extinguishing Fires.

1367 Operation $300 00

TO

Personal Service, Salaries, Regular Employees, Fire Fighting, Extinguishing Fires.

1368 Medical and Surgical Service $300 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Fire Department, for the year 1913, to be effective as of July 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, Fire Fighting, Extinguishing Fires.

1367	Operation—	
	Captain, 267 at $2,500	$667,500 00
	Captain, 2, 12 months, at $2,500	5,000 00
	Captain, 3, 9 months, at $2,500	5,650 71
	Captain, 11, 8 months, at $2,500	18,524 99
	Captain, 5, 7 months, at $2,500	7,397 30
	Captain, 5, 4 months, at $2,500	4,212 35
	Captain, 3, 2 months, at $2,500	1,273 98
	Captain, 2, 1 month, at $2,500	424 66
	Lieutenant, 371 at $2,100	779,100 00
	Lieutenant, 2, 12 months, at $2,100	4,200 00
	Lieutenant, 7, 9 months, at $2,100	11,075 40
	Lieutenant, 15, 8 months, at $2,100	21,144 00
	Lieutenant, 5, 7 months, at $2,100	6,156 20
	Lieutenant, 9, 4 months, at $2,100	6,317 28
	Lieutenant, 4, 3 months, at $2,100	2,117 28
	Engineer of Steamer, 446 at $1,600	713,600 00
	Engineer of Steamer, 10, 9 months, at $1,600	12,054 90
	Engineer of Steamer, 20, 8 months, at $1,600	21,479 60
	Engineer of Steamer, 14, 4 months, at $1,600	7,487 20
	Engineer of Steamer, 1, 3 months, at $1,600	403 29
	Engineer of Steamer, 5, 1 month, at $1,600	679 45
	Firemen, All Grades, Including Mandatory Increases	4,373,835 06
	Firemen, 4th Grade, 20, 12 months, at $1,000	20,000 00
	Fireman, 4th Grade, 50, 9 months, at $1,000	37,670 50
	Fireman, 4th Grade, 140, 8 months, at $1,000	93,970 80
	Fireman, 4th Grade, 110, 4 months, at $1,000	36,766 40
	Fireman, 4th Grade, 50, 3 months, at $1,000	12,602 50
	Fireman, 4th Grade, 40, 2 months, at $1,000	6,684 80
	Fireman, 4th Grade, 40, 1 month, at $1,000	3,397 20
	Pilot, 20 at $1,500	30,000 00
	Marine Engineer, 6 at $1,600	9,600 00
		$6,920,325 85
1368	Medical and Surgical Service—	
	Veterinarian (Deputy Chiefs), 2 at $4,200	8,400 00
	Chief Medical Officer	4,200 00
	Medical Officer, 10 at $3,300	33,000 00
	Chaplain, 4 at $1,000	4,000 00
		$49,600 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Street Cleaning—Contract for Loading and Trimming Deck Scows, Etc., Borough of Manhattan, Final Disposition of Ashes, Etc., in the Borough of Brooklyn and Final Disposition of Ashes, Etc., in the Boroughs of Manhattan and The Bronx (Cal. Nos. 98, 99, 100).

The Secretary presented the following:

Office of Commissioner of Street Cleaning, New York City, July 29, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman, Board of Estimate and Apportionment, City of New York:*

Sir—On July 28, 1913, bids were received and opened in this office for a contract for loading and trimming deck scows, dumpers and other vessels used for the receipt and transportation of the ashes, street sweepings and rubbish at the water-front dumps of the Department of Street Cleaning, in the Borough of Manhattan, the consideration for which is the privilege to the contractor to pick over, sort, reclaim and appropriate from the materials handled whatever he may deem of value, and the payment by him of a sum of money to The City of New York, for a period of three years, commencing January 2, 1914, with the right to the City to renew the contract for another period of two years on the same terms and conditions, after having been duly advertised, according to law, as follows:

	Portion of First Week.	Weekly.	Total.
Bernard F. Golden, 23 Duane street	$500 00	$1,327 00	$68,177 00
James W. E. Clarke, 202 East 77th street	600 51	1,401 21	72,061 71
Harold B. Christensen, Jr., 112 West 72d street	1,100 86	1,100 86	56,615 56

Subject to the approval of your Board, I have awarded said contract to James W. E. Clarke, 202 East 77th street, his bid being the lowest.

Respectfully, WM. H. EDWARDS, Commissioner.

Office of Commissioner of Street Cleaning, New York City, July 29, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman, Board of Estimate and Apportionment, City of New York:*

Sir—On July 28, 1913, bids were opened in this office for a contract for the final disposition of ashes, street sweepings and rubbish in the Borough of Brooklyn for a period of three years beginning January 2, 1914, with the right to The City of New York to renew the contract for another period of two years, after having been duly advertised according to law, as follows:

Name and Address.	Price Per Ash Cartload.	Price Per Paper and Rubbish Cartload.
	Cents.	Cents.
James H. Ward, 111 Broadway, Manhattan	63	10
Borough Development Company, 186 Remsen street, Brooklyn	51	85

According to the method of computation set forth in the contract, the bid of James H. Ward aggregates $486,420.72, and that of the Borough Development Company $518,321.42.

Pursuant to section 544 of the Charter, and subject to the approval of your Board, I hereby award the said contract to James H. Ward, 111 Broadway, Borough of Manhattan, at the prices specified above.

Respectfully, WM. H. EDWARDS, Commissioner.

Office of Commissioner of Street Cleaning, New York City, July 29, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman, Board of Estimate and Apportionment, City of New York:*

Sir—On July 28, 1913, bids were received and opened in this office for the contract for the final disposition of ashes, street sweepings and rubbish which may be collected in the Boroughs of Manhattan and The Bronx, whether by the carts of the Department of Street Cleaning or by other carts authorized to collect the same and holding permits from this Department to deposit material at the Department dumps; also the ashes from the docks at Blackwells and Randalls Islands, and ashes and rubbish from steam tugs and other vessels in the Harbor, for a period of three years, commencing January 2, 1914, with the right of The City of New York to renew the contract for another period of two years on the same terms and conditions, after having been duly advertised according to law, as follows:

	Bailey & Ivins, 21 Park Row.	O'Brien Bros., Inc., 54 South Street.
Price per ash cartload	$0 239	$0 30
Price per paper and rubbish cartload	239	1 12½
Ashes from Blackwells and Randalls Islands, per annum	3,000 00	1,800 00
Ashes and rubbish from steam tugs, etc., per annum	9,000 00	20,000 00

According to the method of computation set forth in the contract these bids aggregate as follows:

Dailey & Ivins $571,009 95
O'Brien Bros., Inc. 936,624 06

—which makes Dailey & Ivins, 21 Park row, New York, the lowest bidder.

Pursuant to section 544 of the Charter, and subject to the approval of your Board, I have awarded the contract, therefore, to Dailey & Ivins, at the prices specified below. Respectfully, WM. H. EDWARDS, Commissioner.

July 30, 1913.

To the Honorable Board of Estimate and Apportionment, New York City:

Dear Sirs—On the Financial Calendar of July 31, 1913, Nos. 98, 99 and 100 refer to communications from the Commissioner of Street Cleaning and recommend:

1. The award of the contract for loading and trimming deck scows, dumpers and other vessels used for the receipt and transportation of ashes, etc., at the water-front dump of the Department of Street Cleaning in the Borough of Manhattan for three years from January 2, 1914, to James W. E. Clarke, the lowest bidder.

2. The award of the contract for final disposal of ashes, street sweepings and rubbish in the Borough of Brooklyn for three years from January 2, 1914, to James H. Ward, the lowest bidder.

3. The award of the contract for final disposition of ashes, street sweepings and rubbish of the Boroughs of Manhattan and The Bronx for three years from January 2, 1914, to Dailey & Ivins, the lowest bidder.

Your Committee on Final Disposal of Refuse concurs in the recommendations of the Commissioner of Street Cleaning, and recommends that the award be made in each instance to the lowest bidder.

In the case of the scow trimming contract, the bid of $1,401.21 per week to be paid to the City is less than the previous contract price, which was $1,700 to be paid to the City. It is to be noted, however, that the contractor in that instance defaulted on his contract, and that the City has been getting considerably less than the amount of the present bid.

In the case of the Brooklyn contract, the estimated cost under the new bid price, taking the quantities on the basis of 1912, would show a saving to the City of $146,927.85. Against this, however, the Manhattan and The Bronx contract will show an increase of cost to the City as compared with last year, of $132,404.86, showing a net gain for the three boroughs of $14,523.

It is to be noted that an increase in the price for Manhattan and The Bronx was to be expected in view of the fact that several of the contractors who attempted to do the work during the past year were unable to continue, and had to default on their contract, the presumption being that the price was too low.

Yours truly, GEORGE McANENY, President, Borough of Manhattan, Chairman; A. L. KLINE, President, Board of Aldermen; GEORGE CROMWELL, President, Borough of Richmond, Committee.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment pursuant to the provisions of section 544 of the Greater New York Charter, hereby approves of the award, by the Commissioner of Street Cleaning to Mr. James W. E. Clarke, 202 East 77th Street, Manhattan, of the contract for loading and trimming deck scows, dumpers and other vessels used for the receipt and transportation of the ashes, street sweepings and rubbish at the water front dumps of the Department of Street Cleaning in the Borough of Manhattan, for a period of three years commencing January 2, 1914, with the right to the City to renew this contract for another period of two years on the same terms and conditions. The said right or privilege for the renewal of this contract to be of no force or effect unless approved by the Board of Estimate and Apportionment.

The compensation to be paid by the said Mr. James W. E. Clarke to the City of New York, under said contract to be as follows:

Portion of first week	$600 51
Weekly	1,401 21
Total	72,061 71

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment pursuant to the pro-

visions of section 544 of the Greater New York charter, hereby approves of the award, by the Commissioner of Street Cleaning to Mr. James H. Ward, 111 Broadway, Manhattan of the contract for the final disposition of ashes, street sweepings and rubbish in the Borough of Brooklyn, for a period of three years commencing January 2, 1914, with the right to the City to renew the contract for another period of two years. The said right or privilege for the renewal of this contract to be of no force or effect unless approved by the Board of Estimate and Apportionment.

The compensation to be paid to the said Mr. James H. Ward by The City of New York, under said contract to be as follows:

Price per ash cartload	$ 0 63
Price per paper and rubbish cartload	10

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 544 of the Greater New York Charter, hereby approves of the award, by the Commissioner of Street Cleaning to Dailey and Ivins, 21 Park Row, Manhattan, of the contract for the final disposition of ashes, street sweepings and rubbish in the Boroughs of Manhattan and The Bronx, also the ashes from the docks at Blackwells and Randalls Islands, and ashes and rubbish from steam tugs and other vessels in the Harbor, for a period of three years commencing January 2, 1914, with the right of the City to renew the contract for another period of two years on the same terms and conditions. The said right or privilege for the renewal of this contract to be of no force or effect unless approved by the Board of Estimate and Apportionment.

The compensation to be paid to the said Dailey & Ivins by The City of New York, under said contract to be as follows:

Price per ash cartload	23.9c
Price per paper and rubbish cartload	23.9c
Ashes from Blackwells and Randalls Islands, per annum	$3,000 00
Ashes and rubbish from steam tugs, etc., per annum	$9,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Finance—Modification of Schedules and Transfer of Appropriation (Cal. No. 101).

The Secretary presented the following:

City of New York, Board of Estimate and Apportionment, Office of the Secretary, 277 Broadway, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—Request is hereby made for the transfer of one thousand four hundred fifty-eight dollars and thirty-four cents ($1,458.34) from the 1913 account in your Board, entitled "Salaries, Regular Employees, No. 2120, Efficiency and Budget Advisory," to the 1913 account in the Department of Finance, entitled "Salaries, Regular Employees, No. 73, Municipal Investigations and Statistics."

The amount is to provide for the compensation at the rate of thirty-five hundred dollars per annum of an incumbent temporarily transferred, pending regular appointment, from the Department of Finance to the Efficiency and Budget Advisory Staff.

Respectfully, WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President of the Board of Aldermen; GEORGE McANENY, President of the Borough of Manhattan, Budget Committee.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 26, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a request from the Budget Committee for a transfer of funds from the Board of Estimate and Apportionment to the Department of Finance, I report as follows:

The proposed transfer is from Salaries, Regular Employees, No. 2120, Efficiency and Budget Advisory, to Salaries, Regular Employees, Executive, Advisory, No. 773, Municipal Investigations and Statistics. The amount involved is $1,458.30, which is sufficient to provide for a position at the rate of $3,500 per annum, from August 1, to the end of the year.

The transfer is to cover the compensation of an incumbent temporarily assigned to the Efficiency and Budget Advisory Staff.

I recommend the adoption of the attached resolution approving the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated for the year 1913, as follows:

FROM

BOARD OF ESTIMATE AND APPORTIONMENT.

Salaries, Regular Employees.

2120	Efficiency and Budget Advisory	$1,458 34

TO

DEPARTMENT OF FINANCE.

Executive, Advisory.

73	Municipal Investigation and Statistics	$1,458 34

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves modification of the schedule, as revised, for the Department of Finance for the year 1913, to be effective as of August 1, 1913, as follows:

DEPARTMENT OF FINANCE.

Personal Service.

73	Municipal Investigations and Statistics, Executive, Advisory—	
	Supervising Statistician and Examiner	$6,000 00
	Expert Accountant	4,000 00
	Expert Accountant, 2 at $3,500	7,000 00
	Expert Accountant	3,000 00
	Expert Accountant	2,500 00
	Auditor of Accounts	3,500 00
	Auditor of Accounts, 3 at $3,000	9,000 00
	Auditor of Accounts, 2 at $2,500	5,000 00
	*Accountant (N. A. S. I.)	1,350 00
	*Examiner (A. S. I., $1,160 each), 2 at $3,500	7,000 00
	Examiner, 4 at $3,000	12,000 00
	Examiner	2,850 00
	*Examiner (A. S. I. $730)	2,400 00
	*Examiner (N. A. S. I.)	2,400 00
	Examiner	2,100 00
	*Examiner (A. S. I. $280)	1,950 00
	*Examiner (A. S. I. $550)	1,650 00
	Clerk, 2 at $2,100	4,200 00
	*Clerk (A. S. I. $400 each), 2 at $1,950	3,900 00
	Clerk, 2 at $1,500	3,000 00
	*Clerk (A. S. I. $300)	1,500 00
	*Clerk (N. A. S. I.)	1,350 00
	*Clerk (N. A. S. I.)	1,050 00
	*Clerk	1,050 00
	*Clerk (A. S. I. $390)	750 00
	*Clerk (A. S. I. $120)	480 00
	*Clerk (N. A. S. I.)	480 00
	Clerk	300 00
	Financial Clerk (A. S. I. $410)	1,950 00
	*Bookkeeper (A. S. I. $300)	1,500 00
	Principal Assistant Engineer	6,000 00
	*Assistant Engineer (A. S. I. $2,676)	5,000 00
	*Assistant Engineer (A. S. I. $1,166.66)	4,500 00
	Assistant Engineer	3,600 00
	Assistant Engineer (A. S. I. $1,670)	3,500 00
	Assistant Engineer, 2 at $3,000	6,000 00
	*Assistant Engineer (A. S. I. $1,000)	3,000 00
	Assistant Engineer	2,400 00
	Stenographer and Typewriter	1,200 00
	*Stenographer and Typewriter (N. A. S. I.), 2 at $1,050	2,100 00
	*Stenographer and Typewriter (A. S. I. $300 each), 2 at $900	1,800 00
	*Stenographer and Typewriter	750 00
	*Photographer (A. S. I. $1,200)	1,200 00
	*Balance unassigned (A. S. I.)	1,186 66
	*Balance unassigned (N. A. S. I.)	3,833 34
		$141,280 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Board of Estimate and Apportionment, to be effective as of August 1, 1913, as follows:

BOARD OF ESTIMATE AND APPORTIONMENT.

Salaries, Regular Employees.

2120	Efficiency and Budget Advisory—	
	Efficiency Engineer	$6,000 00
	Efficiency Engineer	5,000 00
	Efficiency Engineer	4,000 00
	Efficiency Accountant	3,000 00
	Associate Efficiency Engineer, 2 at $2,700	5,400 00
	Efficiency Examiner, 2 at $1,800	3,600 00
	Efficiency Examiner, 2 at $1,500	3,000 00
	Clerk	1,200 00
	Clerk	900 00
	Stenographer and Typewriter, 2 at $1,500	3,000 00
	Unassigned balance	2,500 00
		$37,600 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

John C. Rodgers—Release of All Right, Title, Etc., of City of New York to Lands Under the Waters of Spuyten Duyvil Creek or Harlem River (Cal. No. 102).

(On July 3, 1913, the petition of John C. Rodgers in the matter was referred to the Comptroller, and is on file.)

The Secretary presented the following:

City of New York, Department of Finance, Bureau of Municipal Investigation and statistics, July 29, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—At a meeting of the Board of Estimate and Apportionment held on July 3, 1913, a petition from John C. Rodgers for a transfer of all the right, title and interest of The City of New York in and to certain lands under the waters of Spuyten Duyvil Creek or Harlem River, formerly in the bed of 227th street, Borough of Manhattan, was referred to the Comptroller for report.

At a meeting of the Board of Estimate and Apportionment held June 5, 1913, a resolution was adopted closing and discontinuing the unnamed street on the westerly side of the Harlem River, from West 225th street to Broadway; West 227th street, from the unnamed street to a point 125 feet east of Broadway, and West 226th street, from the unnamed street to a point 125 feet east of Broadway.

The premises described in the petition of John C. Rodgers are part of the land lying in what was formerly part of the bed of 227th street, between a point 125 feet east of Broadway and the westerly line of a street known as Exterior street, as laid out by resolution of the Common Council on the 25th day of October, 1859. This strip of land was formerly land under water of Spuyten Duyvil Creek.

It is for this reason that this petition is presented to the Board of Estimate and Apportionment instead of to the Commissioners of the Sinking Fund, as chapter 615 of the Laws of 1904 authorizes the Board of Estimate and Apportionment to convey the City's interest in and to the lands under the waters of Spuyten Duyvil Creek or the Harlem River, within the bounds of section 1 as described in the Act.

As consideration for the closing of the above mentioned streets and the consequent reversion of title in parts thereof to them, the attorneys for the abutting owners deposited with the Comptroller a certified check in the sum of $5,283.47, and furnished a bond in the sum of $20,000, indemnifying the City from any loss by reason of the closing of said streets, or by reason of the discontinuance of the opening proceedings, such bond to continue in force until the different property owners waive any loss or have been reimbursed for any loss they may have suffered by reason of such closing.

Inasmuch as the consideration for the closing of the streets is based upon the value of the City's interest therein, I do not think that any further charge should be imposed upon the petitioner in this case.

I therefore respectfully recommend that the Board of Estimate and Apportionment authorize a release to John C. Rodgers of all the right, title and interest of The City of New York in and to the following described property located in the Borough of Manhattan, City of New York:

All that certain lot, piece or parcel of land situate, lying and being in the Borough of Manhattan, City of New York, described as follows:

Beginning at a point on the northerly side of 227th street, which said point is distant one hundred and twenty-five (125) feet east of Broadway; thence easterly along said northerly side of 227th street if the same were continued easterly in a direct line, to a point where said northerly side of 227th street if continued would intersect the westerly line of a street formerly known as Exterior street as laid out by resolution of the Common Council on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859; thence southerly along said westerly side of said Exterior street of 1859, to a point where the same would be intersected by a line drawn equally distant from and between the northerly and the southerly sides of 227th street if said line were continued in a direct line easterly to the said westerly side of said Exterior street of 1859; thence westerly along the said line drawn equally distant and parallel with the northerly and southerly sides of 227th street as aforesaid to a point where the said line would be intersected by a line drawn parallel with Broadway and distant 125 feet east of Broadway; thence northerly along said line drawn parallel with Broadway 30 feet to the point or place of beginning,

—in consideration of the sum of $1.00, and the additional charge of $12.50 for the preparation of the necessary papers, the conveyance from the City to be made subject to the following terms and conditions:

That the grantee waives any and all claim for damages arising out of the closing of the streets.

That the grantee is the owner of the lands fronting on the section of the streets to be conveyed.

That such conveyance be made in such form as shall be approved by the Corporation Counsel.

The deeds not to be delivered until evidence has been produced that all taxes, assessments and liens due the City, which appear against the land in the streets and the petitioner's property have been paid. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby authorizes a release to John C. Rodgers of all the right, title and interest of The City of New York in and to the following described property located in the Borough of Manhattan, City of New York, bounded and described as follows:

All that certain lot, piece or parcel of land situate, lying and being in the Borough of Manhattan, City of New York, described as follows:

Beginning at a point on the northerly side of 227th street, which said point is distant one hundred and twenty-five (125) feet east of Broadway; thence easterly along said northerly side of 227th street, if the same were continued easterly in a direct line, to a point where said northerly side of 227th street, if continued, would intersect the westerly line of a street formerly known as Exterior street, as laid out by resolution of the Common Council on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859; thence southerly along said westerly side of said Exterior street of 1859 to a point where the same would be intersected by a line drawn equally distant from and between the northerly and the southerly sides of 227th street if said line were continued in a direct line easterly to the said westerly side of said Exterior street of 1859; thence westerly along the said line drawn equally distant and parallel with the northerly and southerly sides of 227th street as aforesaid to a point where the said line would be intersected by a line drawn parallel with Broadway and distant 125 feet east of Broadway; thence northerly along said line drawn parallel with Broadway 30 feet to the point or place of beginning.

—in consideration of the sum of one dollar ($1) and the additional charge of twelve dollars and fifty cents ($12.50) for the preparation of the necessary papers, the conveyance from the City to be made subject to the following terms and conditions:

That the grantee waives any and all claim for damages arising out of the closing of the streets.

That the grantee is the owner of the lands fronting on the section of the streets to be conveyed.

That such conveyance be made in such form as shall be approved by the Corporation Counsel.

The deeds not to be delivered until evidence has been produced that all taxes, assessments and liens due the City, which appear against the land in the streets and the petitioner's property have been paid.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Bellevue and Allied Hospitals—Modification of Schedules and Transfer of Appropriations (Cal. No. 103A).

The Secretary presented the following:

Bellevue and Allied Hospitals, Office of the Board of Trustees, 1st Avenue and 26th Street, New York, July 2, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Sir—The Trustees of Bellevue and Allied Hospitals have the honor to request the Board of Estimate and Apportionment to approve of the transfer of funds within the appropriations made to this department as follows:

For the Year 1913.

TRANSFER FROM

391	Household Equipment	$2,000 00
395	Wearing Apparel	5,000 00
396	General Plant Equipment	2,000 00
398	General Repairs to Building	2,000 00
399	General Repairs to Plant	8,000 00
		$19,000 00

TO THE APPROPRIATIONS ENTITLED

386	Medical and Surgical Supplies	$7,000 00
387	Laundry, Cleaning and Disinfecting Supplies	1,000 00
389	General Plant Supplies	4,900 00
392	Medical and Surgical Equipment	5,000 00
404	Telegraph, Cable and Messenger Service	100 00
405	Motor Vehicle Repairs	500 00
406	Contingencies	500 00
		$19,000 00

—the amount of said appropriations being insufficient. Respectfully,

J. K. PAULDING, Secretary, Board of Trustees.

Bellevue and Allied Hospitals, Office of the Board of Trustees, 1st Avenue and 26th Street, New York, July 18, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Sir—The Trustees of Bellevue and Allied Hospitals have the honor to request the Board of Estimate and Apportionment to approve of the transfer of funds within the appropriations made to this department as follows:

FROM

399	Coal	$5,000 00

TO

392	Medical and Surgical Apparatus	$5,000 00

—the amount of said appropriations being insufficient. Respectfully,

J. K. PAULDING, Secretary, Board of Trustees.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 2, 1913, the Board of Trustees of Bellevue and Allied Hospitals requested transfer of $14,000 within appropriations for 1913. On July 22, 1913, request was made by the Board of Trustees for an additional transfer of $5,000. In connection therewith I report as follows:

On May 21, 1913, the Board of Trustees requested the transfer of $10,000 from Account No. 384 to Account Nos. 387, 390 and 393. On June 12, 1913, the Board of Estimate and Apportionment granted the request for these temporary transfers, the Board of Aldermen having, on May 22, 1913, deferred action until later in the year on a request of the Board of Trustees for $56,836 in special revenue bonds to replenish deficiencies in supply accounts. For the same reason further request is now made for the transfer of $19,000 from Accounts Nos. 391, 395, 396, 398 and 399 to Accounts Nos. 386, 387, 389, 392, 404, 405 and 406. The amounts requested for the accounts to be credited are to meet estimated deficiencies to October 1, 1913, as shown by the following statement prepared by the Department on July 16, 1913:

386	Medical and Surgical Supplies—		
	Budget appropriations		$77,800 00
	Contract reserve	$65,552 30	
	Open market order reserve	13,174 65	
	Total incumbrances		78,726 95
	Deficit		$926 95
	Estimated as required to October 1		6,073 05
	Credit transfers		$7,000 00
387	Laundry, Cleaning and Disinfecting Supplies—		
	Budget appropriation		$10,400 00
	Contract reserve	$6,449 10	
	Open market order reserve	3,733 96	
	Total incumbrances		10,183 06
	Balance		$216 94
	Estimated as required to October 1		1,216 94
	Credit transfer		$1,000 00
389	General Plant Supplies—		
	Budget appropriations		$20,444 00
	Contract reserve	$10,977 04	
	Open market order reserve	9,216 16	
	Total incumbrances		20,193 20
	Balance		$250 80
	Estimated as required to October 1		5,150 80
	Credit transfer		$4,900 00
392	Medical and Surgical Equipment—		
	Budget appropriation		$10,000 00
	Contract reserve	$724 45	
	Open market order reserve	8,984 15	
	Total incumbrances		9,708 60
	Balance		$291 40
	Estimated as required to October 1		5,291 40
	Credit transfer		$5,000 00
404	Communication—Telegraph, Cable and Messenger Service—		
	Budget appropriation		$280 00
	Open market order reserve		218 51
	Balance		$61 49
	Estimated as required to October 1		161 49
	Credit transfer		$100 00
405	Motor Vehicle Repairs—		
	Budget appropriation		$2,550 00
	Open market order reserve		2,037 29
	Balance		$512 71
	Estimated as required to October 1		1,012 71
	Credit transfer		$500 00
406	Contingencies—		
	Budget appropriation		$2,420 00
	Open market order reserve		1,958 81
	Balance		$461 19
	Estimated as required to October 1		961 19
	Credit transfer		$500 00

The estimated deficiencies in the seven credit accounts are based upon the expenditures of the first six months of the year. Economy in expenditures may considerably reduce the amount that will be required before the end of the year.

It will be necessary for the department to curtail its expenditures as much as possible and to practice great economy in consumption because of the practical impossibility of providing revenue bonds in any considerable sum. In fact it may be that no funds at all will be available through revenue bond issues.

The appropriation for 1913 for the various supply accounts were based upon the expenditures for 1911 and the first six months of 1912.

The substitution of transfer for an issue of special revenue bonds to cover deficiencies is preferable, for the reason that a more definite estimate of possible deficits for the year may be made in October than in July.

Sufficient balances remain in the debit accounts to permit of the transfers.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of transfer of funds appropriated to Bellevue and Allied Hospitals for the year 1913, as follows:

FROM

391	Household Equipment	$2,000 00
395	Wearing Apparel	5,000 00
396	General Plant Equipment	2,000 00
398	General Repairs, Buildings	2,000 00
399	General Repairs, Plant	8,000 00

TO

386	Medical and Surgical Supplies	$7,000 00
387	Laundry, Cleaning and Disinfecting Supplies	1,000 00
389	General Plant Supplies	4,900 00
392	Medical and Surgical Equipment	5,000 00
404	Communication, Telegraph, Cable and Messenger Service	100 00
405	Motor Vehicle Repairs	500 00
406	Contingencies	500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Bellevue and Allied Hospitals for the year 1913, as follows:

Supplies.

386	Medical and Surgical Supplies	$84,800 00
387	Laundry, Cleaning and Disinfecting Supplies	11,400 00
389	General Plant Supplies	25,344 00

Purchase of Equipment.

392	Medical and Surgical Equipment	15,000 00

Contract or Open Order Service.

404	Communication, Telegraph, Cable and Messenger Service	380 00
405	Motor Vehicle Repairs	3,050 00
406	Contingencies	2,920 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Board of City Record—Modification of Schedules and Transfer of Appropriations (Cal. No. 103B).

The Secretary presented the following:

The City of New York, Board of City Record, Office of the Supervisor 13-21 Park Row, July 21, 1913.

Hon. JOS. HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, Manhattan:

Sir—I respectfully request the Board of Estimate and Apportionment to transfer within the bugetary appropriations made to the Board of City Record for the year 1913, the sum of $100, as follows:

FROM

Board of City Record, Queens County.

3916	1913, Printing, etc.	$50 00
3917	1913, Stationery, etc.	50 00
		$100 00

TO

3918	1913, Blank Books	$100 00

Respectfully, HENRY McMILLEN, Deputy and Acting Supervisor.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 21, 1913, the Deputy and Acting Supervisor of the Board of City Record requested transfer of $100 within the appropriation made for the year 1913, for the Board of City Record, Queens County. In connection therewith I report as follows:

It is proposed to transfer $100 to "Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies, County Offices and Courts Other than Supreme Court, No. 3918, Blank Books." The 1913 Budget appropriation for this account was $800. On July 1, 1913, an unencumbered balance of $18.58 remained, The Supervisor requested $1,200 for 1913, the sum allowed for 1912. Based on expenditures for 1912, he was allowed $800, but expenditures for the first six months of 1913 indicate that the allowance will be insufficient.

It is proposed to transfer from:

Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery and Supplies, County Offices and Courts Other than Supreme Court.

3916 Printed, Lithographed, Engraved or Stamped Forms, Including Pamphlets or Other Printed Blanks $50 00
3917 Stationery, Including Letter or Writing Paper or Envelopes with Printed Headings or Endorsements 50 00

The unencumbered balances in each of these accounts is sufficient to permit the transfer.

I recommend the adoption of the attached resolutions granting the request and modifying the appropriate schedules.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Board of City Record, Queens County, for the year 1913, as follows:

Contract or Open Order Service, General Plant Supplies, Administration—Purchase, Storage and Distribution of Stationery and Supplies, County Offices and Courts, Other than Supreme Court.

FROM

3916 Printed, Lithographed, Engraved or Stamped Forms, Including Pamphlets or Printed Blanks $50 00
3917 Stationery, Including Letter or Writing Paper or Envelopes with Printed Headings or Endorsements 50 00

TO

3918 Blank Books $100 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Board of City Record, Queens County, for the year 1913, as follows:

BOARD OF CITY RECORD, QUEENS COUNTY.

Contract or Open Order Service, General Plant Service, Administration, Purchase, Storage and Distribution of Stationery or Supplies, County Offices and Courts Other Than Supreme Court.

3916 Printed, Lithographed, Engraved or Stamped Forms, including Pamphlets or Printed Blanks $1,550 00
3917 Stationery, including Letter or Writing Paper or Envelopes with Printed Headings or Endorsements 1,150 00
3918 Blank Books 1,100 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Queens—Modification of Schedules and Transfer of Appropriations (Cal. No. 103C).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Queens, Long Island City, July 17, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman, Board of Estimate and Apportionment,* No. 277 Broadway, New York, N. Y.:

Sir—Pursuant to the provisions of section 237 of the Greater New York Charter, application is hereby made for a transfer of funds, as follows:

PRESIDENT OF THE BOROUGH OF QUEENS.

FROM

Supplies, Care of Public Buildings and Offices, Heat, Light and Power.

3156 Baths and Comfort Stations $1,500 00

TO

Purchase of Equipment, Care of Public Buildings and Offices.

3188 Executive 800 00

Materials, Repairing, Care of Public Buildings and Offices.

3219 Office Buildings 500 00
3220 Baths and Comfort Stations 100 00

Contract or Open Order Service, Care of Public Buildings and Offices.

3244 Executive 100 00

$1,500 00

As the funds allotted to budget lines 3188, 3219, 3220 and 3244 are insufficient to meet the requirements for the balance of the year, I would respectfully request that your Honorable Board give this application early consideration.

Yours very truly,

MAURICE E. CONNOLLY, President of the Borough of Queens.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 17, 1913, the President of the Borough of Queens requested transfer of $1,500, within appropriations, to his office for the year 1913. In connection therewith I report as follows:

It is proposed to transfer $1,500 from Supplies, Fuel Supplies, Care of Public Buildings and Offices, Heat, Light and Power, No. 3156, Baths and Comfort Stations, $800 to Purchase of Equipment, Office Equipment, Care of Public Buildings and Offices, No. 3188, Executive; $500 to Materials, Building Materials, Care of Public Buildings and Offices, Repairing, No. 3219, Office Buildings; $100 to Materials, Building Materials, Care of Public Buildings and Offices, Repairing, No. 3220, Baths and Comfort Stations; $100 to Contract or Open Order Service, Transportation, Hire of Horses and Vehicles Without Drivers, Care of Public Buildings and Offices, No. 3244, Executive.

Account No. 3188 is now exhausted and the transfer is requested to meet the cost of filing cabinets for the pay-roll division, desks and chairs for Local Board meetings and to provide sufficient balance for possible needs during the remainder of the year. Transfer to Account No. 3219 is unnecessary because it shows a balance of over $800. The $100 requested for Account No. 3220 is to provide for the purchase of material needed for repairing the concrete floor of the interior public bath in Long Island City. The condition of the floor is such that water from the shower baths leaks through to the floor below. Account No. 3244 is exhausted and $100 is necessary for the hire of a horse and vehicle for the carting of supplies, materials and furniture.

I recommend the adoption of the attached resolutions granting this request to the extent of $1,000.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Queens for the year 1913, as follows:

FROM

Supplies, Fuel Supplies, Care of Public Buildings and Offices, Heat, Light and Power.

3156 Baths and Comfort Stations $1,000 00

TO

Purchase of Equipment, Office Equipment, Care of Public Buildings and Offices.

3188 Executive $800 00

Materials, Building Materials, Care of Public Buildings and Offices, Repairing.

3220 Baths and Comfort Stations 100 00

Contract or Open Order Service, Transportation, Hire of Horses and Vehicles Without Drivers, Care of Public Buildings and Offices.

3244 Executive 100 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Queens for the year 1913, as follows:

Supplies, Fuel Supplies, Care of Public Buildings and Offices, Heat, Light and Power.

3156 Baths and Comfort Stations $2,800 00

Purchase of Equipment, Office Equipment, Care of Public Buildings and Offices.

3188 Executive 2,800 00

Materials, Building Materials, Care of Public Buildings and Offices, Repairing.

3220 Baths and Comfort Stations 175 00

Contract or Open Order Service, Transportation, Hire of Horses and Vehicles Without Drivers, Care of Public Buildings and Offices.

3244 Executive 200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Art Commission—Modification of Schedules and Transfer of Appropriation (Cal. No. 103D).

The Secretary presented the following:

Art Commission of the City of New York, City Hall, July 19, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City, New York:

Gentlemen—The Art Commission most respectfully requests that you grant the following transfer: To Contingencies, Code No. 2187, $300, from Office Equipment, Code No. 2184.

We need this transfer to pay for messenger service and incidental expenses.

Sincerely J. Q. ADAMS, Assistant Secretary.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 19, 1913, the Art Commission requested transfer of $300 within appropriations to the Commission for the year 1913. In connection therewith I report as follows:

It is proposed to transfer $300 from No. 2184, Purchase of Equipment, Office Equipment, to No. 2187, Contingencies. The unencumbered balance in No. 2184 is $457.25. It is stated that $157.25 will be sufficient for the balance of the year. The available balance in No. 2187 is $95.82. The appropriation was $600. It appears from the expenditure for the first half of the year that the money requested will be necessary. The Assistant Secretary of the Commission states that it is impossible to estimate at the first of the year the amount necessary in this account. It is used for various incidental expenses connected with the inspection work of the Commission.

I recommend adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Art Commission for the year 1913, as follows:

FROM

Purchase of Equipment.

2184 Office Equipment $300 00

TO

2187 Contingencies $300 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment approves of the schedules, as revised, for the Art Commission, for the year 1913, as follows:

Purchase of Equipment.

2184 Office Equipment $300 00
2187 Contingencies 900 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Mayor's Office, Bureau of Licenses—Modification of Schedules and Transfer of Appropriation (Cal. No. 103E).

The Secretary presented the following:

Mayor's Office, Bureau of Licenses, 57-59 Centre Street, New York, July 7, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City:

Sirs—I respectfully request a modification of the budget schedule of this Bureau for the current year, as follows:

A transfer of $75.00 from General Plant Equipment, code No. 1913-28, to Motor Vehicle Supplies, code No. 1913-19.

A transfer of $375.00 from General Plant Equipment, code No. 1913-28, to Motor Vehicle Equipment, code No. 1913-25.

A transfer of $50.00 from General Plant Equipment, Code No. 1913-28, to Motor Vehicle Repairs, code No. 1913-47. Respectfully,

JAMES G. WALLACE, JR., Chief of Bureau.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 7, 1913, the Chief of the Bureau of Licenses, the Mayoralty, requested transfer of $500 within appropriations to his office for the year 1913. In connection therewith I report as follows:

The proposed transfer is from Purchase of Equipment, General Plant Equipment, Issuance of Licenses, Bureau of Licenses, No. 28, Inspection, to the following: Supplies, Motor Vehicle Supplies, Issuance of Licenses, Bureau of Licenses; No. 19, Inspection, $75, Purchase of Equipment, Motor Vehicles and Equipment, Issuance of Licenses, Bureau of Licenses; No. 25, Inspection, $375, and Contract or Open Order Service, Motor Vehicle Repairs, Issuance of Licenses, Bureau of Licenses; No. 47, Inspection, $50. The appropriations to these accounts for 1913 are exhausted. Of the amounts requested, investigation shows that $275 will be sufficient for the needs of account No. 25 to the end of the year, and that the other amounts are necessary. There is sufficient balance in No. 28 to permit of the debit transfer.

I recommend the adoption of the attached resolution approving the request to the extent of $400. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the Chief of the Bureau of Licenses, the Mayoralty, for the year 1913, as follows:

FROM

Purchase of Equipment, General Plant Equipment, Issuance of Licenses, Bureau of Licenses.

28 Inspection $400 00

TO

Supplies, Motor Vehicle Supplies, Issuance of Licenses, Bureau of Licenses.

19 Inspection $75 00

Purchase of Equipment, Motor Vehicles and Equipment, Issuance of Licenses, Bureau of Licenses.

25 Inspection 275 00

Contract or Open Order Service, Motor Vehicle Repairs, Issuance of Licenses, Bureau of Licenses.

47 Inspection 50 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules as revised for the office of the Chief of the Bureau of Licenses, The Mayoralty, for the year 1913 as follows:

Purchase of Equipment, General Plant Equipment, Issuance of Licenses, Bureau of Licenses.

28 Inspection $800 00

Supplies, Motor Vehicle Supplies, Issuance of Licenses, Bureau of Licenses.

19 Inspection 300 00

Purchase of Equipment, Motor Vehicles and Equipment, Issuance of Licenses, Bureau of Licenses.

25 Inspection 500 00

Contract or Open Order Service, Motor Vehicle Repairs, Issuance of Licenses, Bureau of Licenses.

47 Inspection 110 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of The Bronx—Modification of Schedules and Transfer of Appriation (Cal. No. 103F).

The Secretary presented the following:

City of New York, President of the Borough of The Bronx, Third Avenue and 177th Street, Office of the President, July 25, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Request is hereby respectfully made for the transfer of the sum of $1,500 from the appropriations made to the President, Borough of The Bronx for the year 1913, entitled and as follows:

Highways

2867 General Plant Supplies $400 00
2891 Highway Materials 1,100 00

$1,500 00

—the same being in excess of the amounts required for the purposes thereof, to the appropriations made to said President for same year, entitled and as follows:

Highways.

2866 Motor Vehicle Supplies..... $1,000 00
2927 Fixed Charges and Contributions..... 500 00

$1,500 00

—the amount of said appropriations being insufficient. Respectfully,

CYRUS C. MILLER, President, Borough of The Bronx.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 25, 1913, the President of the Borough of The Bronx requested transfer within the appropriation to his office for the year 1913, as follows:

PRESIDENT, BOROUGH OF THE BRONX.

Care of Highways.

FROM

2867 General Plant Supplies $400 00
2891 Highway Materials 1,100 00

$1,500 00

TO

2866 Motor Vehicle Supplies $1,000 00
2927 Fixed Charges and Contributions 500 00

$1,500 00

In connection therewith I report as follows:

The appropriation in No. 2866 has been heavily drawn upon for materials used on three cars, which, being new, cost but little for repairs in 1912, but which required overhauling this year. An additional car added in December, 1912, was not considered in this allowance. Gasoline has increased from 17 to 20 cents per gallon. To meet these conditions it will be necessary to transfer $1,000 to this account.

Through an oversight the Borough authorities failed to include in the estimate for 1913 a request for funds to pay for the hire of a trestle at the railroad yard where the storage tank for road oil is located. Oil cars are raised above the tank upon this trestle and emptied by gravity. To meet a monthly charge of $75 for the necessary period will require a transfer of $500 to this account.

By reducing the quantity of stone to be purchased from No. 2891, $1,100 is made available for transfer; there is an excess of $400 in No. 2867, allowed for rubber hose, which has been purchased in another account. These amounts are to be transferred to Nos. 2866 and 2927.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the President of the Borough of The Bronx for the year 1913, as follows:

PRESIDENT, BOROUGH OF THE BRONX.

FROM

Supplies, General Plant Supplies, Care of Highways.

2867 Roadways, Viaducts and Streets $400 00

Materials, Highway Materials, Care of Highways.

2891 Roadways, Viaducts and Streets 1,100 00

TO

Supplies, Motor Vehicle Supplies, Care of Highways.

2866 Roadways, Viaducts and Streets $1,000 00

Fixed Charges and Contributions, Care of Highways.

2927 Roadways, Viaducts and Streets 500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedules, as revised, for the office of the President of the Borough of The Bronx, for the year 1913, as follows:

PRESIDENT, BOROUGH OF THE BRONX.

Supplies, Motor Vehicle Supplies, Care of Highways.

2866 Roadways, Viaducts and Streets $5,634 00

Supplies, General Plant Supplies, Care of Highways.

2867 Roadways, Viaducts and Streets 610 39

Materials, Highway Materials, Care of Highways.

2891 Roadways, Viaducts and Streets 125,389 00

Fixed Charges and Contributions, Care of Highways.

2927 Roadways, Viaducts and Streets 750 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Parks, Manhattan and Richmond—Transfer of Appropriation (Cal. No. 103G).

The Secretary presented the following:

The City of New York, Department of Parks, Boroughs of Manhattan & Richmond, Arsenal, Central Park, July 25, 1913.

To the Board of Estimate and Apportionment, The City of New York:

Gentlemen—I respectfully request a transfer within the appropriation made in the Budget for the year 1912, as follows:

FROM

931 Repairs and Replacements by Contract or Open Order, Maintenance of Parks and Boulevards..... $9 84
941 Telephone Service, Administration..... 31 43

$41 27

TO

928 Supplies and Materials, Maintenance of Parks and Boulevards.... $41 27

The above amount will be required to meet outstanding obligations. The liabilities against this account on December 31, 1912, amounted to $4,700, and the unencumbered balance $15. The invoices rendered against these liabilities exceeded the amounts of the orders to such an extent as to require us to request the above. Respectfully yours,

CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 25, 1913, the Commissioner of Parks, Borough of Manhattan and Richmond, requested transfers of funds appropriated to his department for the year 1912. In connection therewith I report as follows:

The transfers requested are as follows:

FROM

Repairs and Replacements by Contract or Open Order Service, Maintenance.

931 Parks and Boulevards $9 84

Telephone Service.

941 Administration 31 43

TO

Supplies and Materials, Maintenance.

928 Parks and Boulevards $41 27

The amount is required to meet outstanding obligations for the furnishing of flowers in 1912. The amount appropriated for No. 928 was $99,500. The expenditure and liabilities amount to $99,541.27, leaving a deficit of $41.27, the amount of the transfer requested.

I recommend the adoption of the attached resolution approving the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Parks, Boroughs of Manhattan and Richmond for the year 1912, as follows:

FROM

Repairs and Replacements by Contract or Open Order Service, Maintenance.

931 Parks and Boulevards $9 84

Telephone Service.

941 Administration 31 43

TO

Supplies and Materials, Maintenance.

928 Parks and Boulevards $41 27

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Bridges—Modification of Schedules and Transfer of Appropriation (Cal. No. 103H).

The Secretary presented the following:

The City of New York, Department of Bridges, Municipal Building, Manhattan, N. Y., July 25, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, The City of New York,* 280 Broadway, New York City:

Sir—I have to request a transfer within the Budget Appropriation for the Department of Bridges for the year 1913, as follows:

FROM

Purchase of Equipment, General Plant Equipment, Care of Bridges.

187 All Bridges $700 00
188 Brooklyn Bridge 300 00
189 Williamsburg Bridge 200 00

Materials, Building Materials, Care of Bridges.

190 All Bridges 500 00

General Plant Materials, Care of Bridges.

191 All Bridges 800 00
193 Williamsburg Bridge 700 00

Contract or Open Market Service, General Repairs, Care of Bridges.

195 All Bridges 500 00
196 Brooklyn Bridge 400 00
197 Williamsburg Bridge 600 00

$4,700 00

TO

Fuel Supplies, Care of Bridges.

164 Brooklyn Bridge $500 00

Materials, General Plant Materials, Care of Bridges.

192 Brooklyn Bridge 4,000 00

Contract or Open Market Service, Carfare, Care of Bridges.

208 All Bridges 200 00

$4,700 00

The transfer of $4,000 to General Plant Materials, No. 192 Brooklyn Bridge, is requested to provide sufficient funds to purchase material necessary to repair wheel guard on said bridge.

The transfer of $500 to Fuel, No. 164 Brooklyn Bridge, is necessary to purchase coal to operate the compressor on said bridge while awaiting action by the Board of Aldermen on Revenue Bond issue for coal.

The transfer of $200 for Carfare to No. 208 All Bridges, is made necessary by an inadequate appropriation. Respectfully,

WM. H. SINNOTT, Deputy and Acting Commissioner.

The City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 25, 1913, the Commissioner of Bridges requested transfer of $4,700, within appropriations to his department for the year 1913, as follows:

FROM

Purchase of Equipment, General Plant Equipment, Care of Bridges.

187 All Bridges $700 00
188 Brooklyn Bridge 300 00
189 Williamsburgh Bridge 200 00

$1,200 00

Materials, Building Materials, Care of Bridges.

190 All Bridges $500 00

Materials, General Plant Materials, Care of Bridges.

191	All Bridges	$800 00
193	Williamsburgh Bridge	700 00
		$1,500 00

Contract or Open Order Service, General Repairs, Care of Bridges.

195	All Bridges	$500 00
196	Brooklyn Bridge	100 00
197	Williamsburgh Bridge	600 00
		$4,700 00

TO

Fuel Supplies, Care of Bridges.

164	Brooklyn Bridge	$500 00

Materials, General Plant Materials, Care of Bridges.

192	Brooklyn Bridge	$4,000 00

Contract or Open Order Service, Carfare, Care of Bridges.

208	All Bridges	200 00
		$4,700 00

The status of the accounts on July 25, 1913, was as follows:

		Appropriated.	Expended.	Present.	Proposed. Increase.	Proposed. Decrease.
187	All Bridges	$7,237 83	$2,820 18	$4,417 65	.....	$700 00
188	Brooklyn Bridge	3,225 80	1,448 51	1,777 29	.....	300 00
189	Williamsburg Bridge	2,004 75	1,108 97	895 78	.....	200 00
190	All Bridges	1,640 00	18 00	1,622 00	.....	500 00
191	All Bridges	24,330 00	16,413 61	7,916 39	.....	800 00
193	Williamsburg Bridge	22,458 80	16,624 28	5,834 52	.....	700 00
195	All Bridges	25,225 00	13,435 91	11,789 09	.....	500 00
196	Brooklyn Bridge	4,233 00	2,958 66	1,274 34	.....	400 00
197	Williamsburg Bridge	3,110 00	965 51	2,144 49	.....	600 00
164	Brooklyn Bridge	6,025 00	5,969 48	55 52	$500 00	.....
192	Brooklyn Bridge	22,895 70	22,611 75	283 95	4,000 00	.....
208	All Bridges	1,250 00	999 12	250 88	200 00	.....
		$123,635 88	$85,373 98	$38,261 90	$4,700 00	$4,700 00

The transfer of $500 to No. 164 is necessary to purchase coal for the operation of the air compressor on the Brooklyn Bridge, etc., pending action by the Board of Aldermen on a special revenue bond issue of $2,000 recommended for this purpose. The transfer of $4,000 to Account No. 192 will be used to provide for the additional materials necessary to properly repair and replace the wheel guard on the Brooklyn Bridge roadway; the actual repairs, etc., necessary having exceeded the department estimate for Budget purposes. The transfer of $200 to Account No. 203 is needed to provide for the extra carfare incident upon the repair of the City Island Bridge.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Bridges for the year 1913, as follows:

FROM

General Plant Equipment, Care of Bridges.

187	All Bridges	$700 00
188	Brooklyn Bridge	300 00
189	Williamsburg Bridge	200 00

Building Materials, Care of Bridges.

190	All Bridges	500 00

General Plant Materials, Care of Bridges.

191	All Bridges	800 00
193	Williamsburg Bridge	700 00

General Repairs, Care of Bridges.

195	All Bridges	500 00
196	Brooklyn Bridge	400 00
197	Williamsburg Bridge	600 00

TO

Fuel Supplies, Care of Bridges.

164	Brooklyn Bridge	$500 00

General Plant Materials, Care of Bridges.

192	Brooklyn Bridge	4,000 00

Carfare, Care of Bridges.

208	All Bridges	200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Bridges for the year 1913, to be effective as of July 25, 1913, as follows:

General Plant Equipment, Care of Bridges, No. 187, All Bridges	$6,537 83
General Plant Equipment, Care of Bridges, No. 188, Brooklyn Bridge	2,925 80
General Plant Equipment, Care of Bridges, No. 189, Williamsburg Bridge	1,804 75
Building Materials, Care of Bridges, No. 190, All Bridges	1,140 00
General Plant Materials, Care of Bridges, No. 191, All Bridges	23,530 00
General Plant Materials, Care of Bridges, No. 193, Williamsburg Bridge	21,758 80
General Repairs, Care of Bridges, No. 195, All Bridges	24,725 00
General Repairs, Care of Bridges, No. 196, Brooklyn Bridge	3,833 00
General Repairs, Care of Bridges, No. 197, Williamsburg Bridge	2,510 00
Fuel Supplies, Care of Bridges, No. 164, Brooklyn Bridge	6,525 00
General Plant Materials, Care of Bridges, No. 192, Brooklyn Bridge	26,895 70
Carfare, Care of Bridges, No. 208, All Bridges	1,450 00
	$123,635 88

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Board of Estimate and Apportionment; Standard Testing Laboratory—Modification of Schedules and Transfer of Appropriations (Cal. No. 103-I).

The Secretary presented the following:

Board of Estimate and Apportionment, City of New York, Standard Testing Laboratory, 127 Franklin Street, New York, July 7, 1913.

Honorable Board of Estimate and Apportionment, 277 Broadway, New York City.

Sirs—Request is hereby made that the sum of $250 be deducted from line No. 2127, Supplies, Motor Vehicle Supplies, Analyzing and Testing, to be used as follows:

Adding $60 to line No. 2135, Contract or Open Order Service, Transportation, Storage of Motor Vehicles, to provide for the storage of one auto coal pulverator for the balance of the year 1913; and also

Adding $190 to line 2140, Contract or Open Order Service, Motor Vehicle Repairs, Analyzing and Testing, as the amount originally allowed in the 1913 Budget was insufficient.

Also by deducting $575 from line No. 2129, Supplies, General Plant Supplies, Analyzing and Testing, to be used as follows:

Adding $75 to line No. 2137, Contract or Open Order Service, Transportation, Expressage and Deliveries, Analyzing and Testing.

Adding $500 to line No. 2144, Contingencies—Analyzing and Testing, to provide for repairs to General Plant Equipment as there was no such provision made in the original allowance. Respectfully submitted,

WALTER ERLINHOTTER, Fuel Engineering Chemist; HERMANN W. MAHR, Engineering Chemist.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 7, 1913, the Chemists in Charge of the Standard Testing Laboratory requested transfer of $825 within the appropriations for the Laboratory for the year 1913. In connection therewith I report as follows:

The request involves six accounts. It is proposed to transfer from two supply accounts to three contract or open order service and one contingent account.

It is proposed to transfer $60, "Contract or Open Order Service, Transportation, Storage of Motor Vehicles, No. 2135, Analyzing and Testing," to provide storage for an auto coal pulverator for the balance of the year. The budget appropriation for storage was $240. The storage is $25 per month. The purpose of the transfer is to provide sufficient funds for the remainder of the year. The storage in 1912 was $27.50 per month.

It is proposed to transfer $190 to "Contract or Open Order Service, Motor Vehicle Repairs, No. 2140, Analyzing and Testing." The 1913 budget appropriation was $55; the unencumbered balance as of July 1, 1913, was $31.03. The Chemists state that few repairs have been made to the Auto Coal Pulverator so far this year, but several necessary repairs will have to be made soon.

It is proposed to transfer $75 to "Contract or Open Order Service, Transportation, Expressage and Deliveries, No. 2137, Analyzing and Testing. The budget appropriation for this account was $50. On July 1, 1913, an unencumbered balance of $16.90 remained in the fund. This is insufficient to meet the obligations of the account. The delivery and return of oxygen tanks alone will cost more than the balance available.

It is proposed to transfer $500 to "Contingencies, No. 2144, Analyzing and Testing."

It is necessary to make repairs to the general plant equipment. No provision for this work was made in the 1913 budget. It will be necessary to pay the cost of such repairs from the contingency appropriation. The budget allowance for contingencies was $160. On July 1, 1913, the balance was $22.52, an amount insufficient to cover ordinary contingencies of the Laboratory and the cost of general repairs.

It is proposed to take the $825 to provide for the above transfers from the following accounts, having sufficient balances to permit the transfers:

Supplies, Motor Vehicle Supplies.

2127	Analyzing and Testing	$250 00

General Plant Supplies.

2129	Analyzing and Testing	$575 00

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Board of Estimate and Apportionment for the year 1913, as follows:

FROM

Supplies, Motor Vehicle Supplies.

2127	Analyzing and Testing	$250 00

General Plant Supplies.

2129	Analyzing and Testing	575 00

TO

Contract or Open Order Service, Transportation, Storage of Motor Vehicles.

2135	Analyzing and Testing	$60 00

Expressage and Deliveries.

2137	Analyzing and Testing	75 00

Motor Vehicle Repairs.

2140	Analyzing and Testing	190 00

Contingencies.

2144	Analyzing and Testing	500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Board of Estimate and Apportionment for the year 1913, as follows:

Board of Estimate and Apportionment, Supplies, Motor Vehicle Supplies.

2127	Analyzing and Testing	$250 00

General Plant Supplies.

2129	Analyzing and Testing	1,300 00

Contract or Open Order Service, Transportation, Storage of Motor Vehicles.

2135	Analyzing and Testing	300 00

Expressage and Deliveries.

2137	Analyzing and Testing	125 00

Motor Vehicle Repairs.

2140	Analyzing and Testing	245 00

Contingencies.

2144	Analyzing and Testing	660 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Manhattan—Modification of Schedules and Transfer of Appropriation (Cal. No. 103J).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Manhattan, City Hall, July 24, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—There is transmitted herewith request for a transfer of $150 from Account No. 2742 to Account No. 2743, of this office for the year 1913.

This request is made necessary owing to the fact that the allowance under the heading, Baths and Comfort Stations, is insufficient and has already been exhausted. It is especially requested that this matter be acted upon at the meeting to be held on July 31.

Enclosed you will find he necessary form. Very truly yours,

E. V. FROTHINGHAM, Acting President, Borough of Manhattan.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 24, 1913, the President of the Borough of Manhattan requested transfer of $150 within appropriations to his office for the year 1913. In connection therewith I report as follows:

The proposed transfer is from Personal Service, Wages Temporary Employees, Care of Public Buildings and Offices, Heat, Light and Power, No. 2742, Office Buildings, to No. 2743, Baths and Comfort Stations. The transfer is necessary for the reason that the allowance to No. 2743 was insufficient and the allowance to No. 2742 was in excess of the amount required, the division of the funds appropriated being inaccurate. I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President, Borough of Manhattan, for the year 1913 as follows:

FROM

Personal Service, Wages Temporary Employees, Care of Public Buildings and Offices, Heat, Light and Power.

2742 Office Buildings $150 00

TO

Personal Service, Wages Temporary Employees, Care of Public Buildings and Offices, Heat, Light and Power.

2743 Baths and Comfort Stations $150 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Manhattan for the year 1913 as follows:

Personal Service, Wages Temporary Employees, Care of Public Buildings and Offices, Heat, Light and Power.

Engineer, at $4.50 per day (105 days)	$472 50
Fireman, at $3 per day (365 days)	1,095 00
Schedule total	$1,567 50
2742 Office Buildings	$650 00
2743 Baths and Comfort Stations	917 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Board of City Record—Transfer of Appropriation (Cal. No. 103K).

The Secretary presented the following:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On May 22, 1913, your Board adopted a resolution transferring $1,230 within the appropriations made to the Board of City Record, City of New York, for the year 1913. This transfer was from Personal Service, Salaries Regular Employees, Administration, No. 1161, Executive, to Personal Service, Salaries Regular Employees, Administration, No. 1163, Purchase, Storage and Distribution of Supplies. The resolution contains an error. The transfer should read from Account No. 1163 to Account No. 1161.

I recommend the adoption of the attached, correcting the error.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on May 22, 1913, transferring $1,230 within appropriations to the Board of City Record be and the same is hereby *amended* to read as follows:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Board of City Record for the year 1913 as follows:

FROM

Personal Service, Salaries Regular Employees.

Administration—

1163 Purchase, Storage and Distribution of Stationery and Supplies ... $1,230 00

TO

Administration—

1161 Executive $1,230 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Register, Kings County—Appropriation for Salaries of Additional Positions (Cal. No. 104).

The Secretary presented:

Report of the Comptroller recommending that the request of the Register of Kings County for an appropriation of $6,000 to pay the salaries of a Chief Searcher and Examiner, two Assistant Engineers, one Notarial Clerk and two assistant Notarial Clerks in his office from July 1 to December 31, 1913, be denied.

(On June 12, 1913, the request of the Deputy Register of Kings County, as above, was referred to the Comptroller.)

Which was laid over until August 28, 1913.

—

Department of Finance—Modification of Schedules and Transfer of Appropriation (Cal. No. 105).

The Secretary presented the following:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 29, 1913.

The Honorable Board of Estimate and Apportionment:

Gentlemen—Request is hereby made that the Budget Schedule Lines, supporting the salaries appropriations as made to the Department of Finance for the year 1913, be modified in order to provide for changes as follows:

Executive and Advisory, 69, Chief Clerk.

For the promotion of a Laborer from $550 to $900, it is proposed to use $350 of "Balance Unassigned available for Salary Increase."

Executive and Advisory, 70, Law and Adjustment.

First—For the restoration of the salary of a Law Clerk from $2,300 to $2,600 and the transfer of a Clerk at $1,200 from the Office of the Auditor of Receipts to the Law and Adjustment Division.

Second—For the purpose of making the changes enumerated it is proposed to use $1,100 now included in "Balance Unassigned Not Available for Salary Increase," $100 in "Balance Unassigned Available for Salary Increase" and $300 to be transferred from Account known as "74, Current Taxes."

Third—Change total of "70, Law and Adjustment," from $102,770 to $103,070.

Executive and Advisory, Municipal Investigation and Statistics.

For changing the title of a Bookkeeper at $1,500 to that of Examiner at the same salary as at present.

Collection, 74, Current Taxes.

First—For reducing the number of Cashiers at $1,800 by two, the said positions being at present vacant. It is proposed to place $153.32 in item "Balance Unassigned Available for Salary Increase" and $436.68 in "Balance Unassigned Not Available for Salary Increase" making transfers to other Salary Accounts of the Department as follows:

$300 (available for salary increase) to "76, Markets and Sundry Revenues."
$1,150 (not available for salary increase) to "75, Assessments and Arrears."
$300 (available for salary increases) to "70, Law and Adjustment."
$900 (not available for salary increase) to "78, Audit, Accounts and Awards."
$360 (available for salary increase) to "79, Disbursing Payrolls."

Second—Change total of "74, Current Taxes," from $195,210 to $192,200.

Collection, 75, Assessments and Arrears.

First—For the appointment of two Bookkkeepers at $1,200 each.

Second—For the appointment of a Searcher at $900 per annum.

Third—In order to provide for the three above mentioned appointments it is proposed to abolish two positions of Bookkeepers at $1,050 per annum each, which positions are now vacant. Also to use item "Balance Unassigned Available for Salary Increase" $50, and $1,150 to be transferred from Account known as "74 Current Taxes."

Fourth—Change total of Account "75 Assessments and Arrears" from $145,900 to $147,050.

Collection, 76, Market and Sundry Revenues.

First—For the promotion of a Bookkeeper from $1,500 to $1,800, it is proposed to transfer $300, "Available Salary Increase," from "74, Current Taxes."

Second—Change total of "76 Market and Sundry Revenues" from $25,100 to $25,400.

Auditing, Disbursing and Accounting, 77, Inspection.

For transferring one position of Inspector of Repairs and Supplies at $1,200 to Inspector of Regulating, Grading and Paving, at $1,200.

Auditing, Disbursing and Accounting, 78, Audit, Accounts and Awards.

First—For the promotion of an Expert Accountant from $2,100 to $2,400, using $150 of "Balance Unassigned Available for Salary Increase" and $150 by reducing one position of Typewriting Accountant from $1,200 to $1,050.

Second—For changing one position of Clerk at $1,200 to Financial Clerk at $1,200.

Third—For the appointment of two additional Bookkeepers at $1,200 each, using one position of Clerk at $1,500 now vacant, and $900 transferred from Account known as "74 Current Taxes."

Fourth—Change one position of Accountant at $1,800 to Statistician at $1,800.

Fifth—Abolish one position of Clerk at $1,200 using $600 for the salaries of two additional Clerks at $300 each; $120 for the promotion of a Clerk in the office of the Auditor of Receipts from $480 to $600 and $60 for the promotion of a Clerk in the Division of Awards from $480 to $540, and $150 for the promotion of a Searcher in the Division of Awards from $1,500 to $1,650, placing $70 in "Balance Unassigned Available for Salary Increase" and $200 in "Balance Unassigned Not Available for Salary Increase."

Sixth—Change total of "78, Audit, Accounts and Awards," from $440,440 to $441,340.

Auditing, Disbursing and Accounting, 79, Disbursing Payrolls.

First—For the promotion of 3 Clerks from $540 to $600 each and 1 Clerk from $480 to $600, it is proposed to use $360 "Available for Salary Increase" to be transferred from "74, Current Taxes."

Second—For placing $60 in item "Balance unassigned available for salary increase."

Third—For changing total of "79, Disbursing Payrolls" from $89,930 to $90,290.

Resolutions (2) providing for the changes as enumerated are transmitted herewith for adoption. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Finance for the year 1913, as follows:

FROM

Collection.

74 Current taxes	$1,505 00

TO

Executive and Advisory.

70 Law and adjustment	$150 00

Collection.

75 Assessments and arrears	575 00
76 Market and sundry revenues	150 00

Auditing, Disbursing and Accounting.

78 Audit, accounts and awards	450 00
79 Disbursing payrolls	180 00
	$1,505 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the following modifications of the schedule of salaries supporting the appropriations made to the Department of Finance, for the year 1913, entitled and as follows:

Executive and Advisory.

69 Chief Clerk—	
*Clerk (Chief) (A. S. I., $1,283.33)	$3,150 06
*Clerk (A. S. I., $1,283.33)	3,150 00
Clerk	2,400 00
Clerk	1,800 00
Clerk	1,350 00
*Clerk (A. S. I., $500)	1,200 00
*Clerk (A. S. I., $450)	1,050 00
*Clerk	600 00
Clerk	540 00
*Clerk (3 at $480)	1,440 00
*Clerk, 2 at $300	600 00
Stenographer and Typewriter	1,200 00
*Typewriting Copyist (N. A. S. I.)	600 00
Telephone Operator, 3 at $1,050	3,150 00
*Laborer (A. S. I., $650), 2 at $900	1,800 00
*Cleaner (A. S. I., $180), 2 at $540	1,080 00
Bookbinder	1,350 00
Bookbinder, 3 at $1,200	3,600 00
Balance unassigned (N. A. S. I.)	10 00
	$30,070 00
70 Law and Adjustment—	
Auditor of Accounts	$6,000 00
Auditor of Accounts, 2 at $4,000	8,000 00
Auditor of Accounts	3,000 00
Deputy Auditor of Accounts	2,500 00
Examiner	5,000 00
Examiner	2,550 00
Examiner, 5 at $2,100	10,500 00
Examiner, 4 at $1,800	7,200 00
*Examiner, 2 at $1,650	3,300 00
*Examiner, 5 at $1,500 (A. S. I., $2,500)	7,500 00
Examiner	1,200 00
*Examiner (A. S. I., $100)	1,200 00
Examining Inspector, 2 at $1,650	3,300 00
Examining Inspector, 3 at $1,500	4,500 00
*Clerk (A. S. I., $650)	1,950 00
Clerk	1,350 00
*Clerk (A. S. I., $550)	1,350 00
*Clerk (A. S. I., $400)	1,200 00
Clerk	1,050 00
Clerk, 2 at $750	1,500 00
*Clerk (A. S. I., $540)	540 00
*Clerk (A. S. I., $160)	480 00
Clerk, 3 at $300	900 00
Financial Clerk	1,200 00
*Law Clerk (A. S. I., $1,066)	2,600 00
Law Clerk	1,800 00
Law Clerk, 2 at $1,200	2,400 00
Medical Examiner	4,000 00
Stenographer and Typewriter	1,500 00
Stenographer and Typewriter, 4 at $1,350	5,400 00
Stenographer and Typewriter, 3 at $1,200	3,600 00
*Stenographer and Typewriter (A. S. I., $1,250), 3 at $1,050	3,150 00
Messenger	1,350 00
	$103,070 00
73 Municipal Investigation and Statistics—	
Supervising Statistician and Examiner	$6,000 00
Expert Accountant	4,000 00
Expert Accountant, 2 at $3,500	7,000 00
Expert Accountant	3,000 00
Expert Accountant	2,500 00
Auditor of Accounts	3,500 00
Auditor of Accounts, 3 at $3,000	9,000 00

Auditor of Accounts, 2 at $2,500	5,000 00
*Accountant (N. A. S. I.)	1,350 00
*Examiner (A. S. I., $1,160 each), 2 at $3,500	7,000 00
Examiner, 4 at $3,000	12,000 00
Examiner	2,850 00
*Examiner (A. S. I., $730)	2,400 00
*Examiner (N. A. S. I.)	2,400 00
Examiner	2,100 00
*Examiner (A. S. I., $280)	1,950 00
*Examiner (A. S. I., $550)	1,650 00
*Examiner (A. S. I., $300)	1,500 00
Clerk, 2 at $2,100	4,200 00
*Clerk (A. S. I., $400 each), 2 at $1,950	3,900 00
Clerk, 2 at $1,500	3,000 00
*Clerk (A. S. I., $300)	1,500 00
*Clerk (N. A. S. I.)	1,350 00
Clerk (N. A. S. I.)	1,050 00
*Clerk	1,050 00
*Clerk (A. S. I., $390)	750 00
*Clerk (A. S. I., $120)	480 00
*Clerk (N. A. S. I.)	480 00
Clerk	300 00
*Financial Clerk (A. S. I., $410)	1,950 00
Principal Assistant Engineer	6,000 00
*Assistant Engineer (A. S. I., $2,676)	5,000 00
*Assistant Engineer (A. S. I., $1,166.66)	4,500 00
Assistant Engineer	3,600 00
*Assistant Engineer (A. S. I., $1,670)	3,500 00
Assistant Engineer, 2 at $3,000	6,000 00
*Assistant Engineer (A. S. I., $1,000)	3,000 00
Assistant Engineer	2,400 00
Stenographer and Typewriter	1,200 00
*Stengorapher and Typewriter (N. A. S. I.), 2 at $1,050	2,100 00
*Stenographer and Typewriter (A. S. I., $300 each), 2 at $900	1,800 00
*Stenographer and Typewriter (A. S. I., $150)	750 00
*Photographer (A. S. I., $1,200)	1,200 00
*Balance unassigned (A. S. I.)	20 00
*Balance unassigned (N. A. S. I.)	1,500 00
	$137,780 00

Collection.

74 Current Taxes—	
Receiver of Taxes	$6,000 00
Deputy Receiver of Taxes, 2 at $4,000	8,000 00
Deputy Receiver of Taxes, 2 at $3,750	7,500 00
Deputy Receiver of Taxes, 3 at $2,500	7,500 00
Deputy Receiver of Taxes, 3 at $2,100	6,300 00
Cashier	2,500 00
Cashier	2,100 00
*Cashier (A. S. I., $556.67)	1,800 00
Cashier, 3 at $1,650	4,950 00
Cashier, 10 at $1,500	15,000 00
*Cashier (A. S. I., $500)	1,500 00
Cashier	1,350 00
Bookkeeper	2,250 00
Bookkeeper	1,800 00
Bookkeeper	1,500 00
Bookkeeper	1,200 00
Clerk, 3 at $1,950	5,850 00
Clerk, 3 at $1,800	5,400 00
Clerk, 5 at $1,650	8,250 00
Clerk, 12 at $1,500	18,000 00
*Clerk (A. S. I., $300 each), 2 at $1,500	3,000 00
Clerk, 8 at $1,350	10,800 00
Clerk, 10 at $1,200	12,000 00
*Clerk (A. S. I., $500)	1,200 00
Clerk, 6 at $1,050	6,300 00
Clerk, 3 at $900	2,700 00
Cerk, 26 at $750	19,500 00
Clerk, 6 at $600	3,600 00
*Clerk (A. S. I. $200)	600 00
*Clerk (N. A. S. I.)	600 00
Clerk, 2 at $540	1,080 00
Clerk (A. S. I. $180)	480 00
Financial Clerk	1,950 00
Financial Clerk	1,800 00
Financial Clerk	1,500 00
*Stenographer and Typewriter (A. S. I. $700)	1,800 00
Stenographer and Typewriter	750 00
Bank Messenger, 2 at $1,200	2,400 00
Messenger	1,350 00
Messenger	1,200 00
Messenger	1,050 00
Adding and Billing Machine Operator, 8 at $900	7,200 00
*Balance Unassigned (A. S. I.)	153 32
*Balance Unassigned (N. A. S. I.)	436 68
	$192,200 00

75 Assessments and Arrears—	
Collector of Assessments and Arrears	$4,500 00
Deputy Collector of Assessments and Arrears	4,000 00
Deputy Collector of Assessments and Arrears	3,500 00
Deputy Collector of Assessments and Arrears, 2 at 2,250	4,500 00
Deputy Collector of Assessments and Arrears	2,000 00
Cashier	2,100 00
*Cashier (A. S. I. $700)	2,100 00
Cashier	1,650 00
Cashier, 2 at $1,500	3,000 00
Accountant	1,800 00
Bookkeeper	1,950 00
Bookkeeper	1,500 00
*Bookkeeper (A. S. I. $550)	1,350 00
Bookkeeper, 5 at $1,200	6,000 00
*Bookkeeper (A. S. I. $500)	1,200 00
*Bookkeeper (N. A. S. I.)	1,200 00
*Bookkeeper (A. S. I., $600), 2 at $1,200	2,400 00
Clerk	2,250 00
Clerk, 2 at $1,800	3,600 00
Clerk, 4 at $1,650	6,600 00
Clerk, 7 at $1,500	10,500 00
Clerk, 10 at $1,350	13,500 00
*Clerk (A. S. I. $550)	1,350 00
Clerk, 7 at $1,200	8,400 00
Clerk, 3 at $1,050	3,150 00
*Clerk (A. S. I. $350)	1,050 00
Clerk, 3 at $900	2,700 00
*Clerk (A. S. I., $740) 2 at $750	1,500 00
Clerk, 27 at $600	16,200 00
*Clerk (N. A. S. I.)	600 00
*Clerk (A. S. I. $760), 4 at $480	1,920 00
*Clerk (N. A. S. I.)	480 00
Clerk	300 00
*Clerk	300 00
Financial Clerk	1,650 00
Financial Clerk	1,050 00
*Searcher (A. S. I. $1,437.50), 3 at $1,350	4,050 00
Searcher, 3 at $1,200	3,600 00
Searcher, 7 at $1,050	7,350 00
*Searcher (A. S. I. $200)	900 00
*Searcher (A. S. I. $300)	900 00
*Stenographer and Typewriter (A. S. I. $700)	1,500 00
*Typewriting Copyist (A. S. I. $900)	900 00
Bank Messenger, 3 at $1,200	3,600 00
Bookbinder	1,200 00
*Bookbinder (A. S. I. $100)	1,200 00
	$147,050 00

76. Market and Sundry Revenues—	
Collector of City Revenue and Superintendent of Markets	$4,000 00
Deputy Superintendent of Markets	2,500 00
Deputy Collector of City Revenue	2,100 00
Cashier	1,800 00
Cashier	1,650 00
Cashier (A. S. I. $350)	1,500 00
*Bookkeeper (A. S. I. $700)	1,800 00
Clerk	1,200 00
Clerk (N. A. S. I.)	300 00
Stenographer and Typewriter (A. S. I. $360)	1,200 00
Collection Clerk	1,650 00
Collection Clerk, 2 at $1,500	3,000 00
Collection Clerk, 2 at $1,350	2,700 00
	$25,400 00

Auditing, Disbursing and Accounting.

77. Inspection—	
Examiner	$4,000 00
Examiner	1,650 00
*Examiner (A. S. I. $800), 2 at $1,200	2,400 00
Examiner	1,050 00
Examining Inspector, 12 at $1,500	18,000 00
Examining Inspector	1,350 00
Inspector of Repairs and Supplies	2,550 00
Inspector of Repairs and Supplies, 2 at $1,800	3,600 00
*Inspector of Repairs and Supplies (A. S. I. $650)	1,650 00
Inspector of Repairs and Supplies	1,650 00
Inspector of Repairs and Supplies, 3 at $1,500	4,500 00
Inspector of Repairs and Supplies, 7 at $700	8,400 00
*Inspector of Regulating, Grading and Paving (A. S. I. $800)	1,800 00
Inspector of Regulating, Grading and Paving	1,500 00
Inspector of Regulating, Grading and Paving	1,350 00
Inspector of Regulating, Grading and Paving	1,200 00
*Inspector of Regulating, Grading and Paving (A. S. I. $400)	1,200 00
*Inspector of Regulating, Grading and Paving (A. S. I. $400)	1,200 00
Inspector of Sewer Construction	1,350 00
Inspector of Sewer Construction	1,200 00
*Inspector of Sewer Construction (A. S. I. $400)	1,200 00
Inspector of Sewers	1,800 00
Veterinarian	1,800 00
Assistant Engineer	3,000 00
Assistant Engineer	2,400 00
Assistant Engineer, 4 at $2,100	8,400 00
Assistant Engineer	1,800 00
*Assistant Engineer (A. S. I. $400)	1,800 00
*Transitman and Computer (A. S. I. $650)	1,650 00
*Stenographer and Typewriter (A. S. I. $900), 2 at $1,050	2,100 00
Clerk	2,100 00
*Clerk (A. S. I. $565)	1,800 00
*Clerk (A. S. I. $550)	1,650 00
Clerk	1,500 00
*Clerk (A. S. I., $450)	1,350 00
*Clerk (A. S. I. $400)	1,200 00
*Clerk (A. S. I. $350), at $1,050	1,050 00
Clerk	900 00
*Clerk (A S. I. $200)	900 00
*Clerk (A. S. I. $180)	480 00
Clerk with Special Knowledge as Cataloguer	750 00
*Searcher (A. S. I. $350)	1,050 00
Balance Unassigned (A. S. I.)	320 00
	$102,600 00

Auditing, Disbursing and Accounting.

78 Audit, Accounts and Awards—	
Chief Auditor of Accounts	$6,000 00
Examiner	6,000 00
Chief Accountant and Bookkeeper	6,000 00
Accountant	4,000 00
*Accountant (A. S. I. $1,333.33)	4,000 00
Bookkeeper, 2 at $4,000	8,000 00
Auditor of Accounts, 2 at $4,000	8,000 00
Auditor of Accounts, 2 at $3,500	7,000 00
Auditor of Accounts, 8 at $3,000	24,000 00
Deputy Auditor of Accounts	2,500 00
*Deputy Auditor of Accounts (N. A. S. I.)	2,100 00
*Expert Accountant (A. S. I. $1,166.66)	3,500 00
Expert Accountant, 4 at $2,500	10,000 00
*Expert Accountant (A. S. I. $1,000)	2,400 00
Expert Accountant, 5 at $2,100	10,500 00
*Expert Accountant (A. S. I. $700), 3 at $2,100	6,300 00
*Accountant (A. S. I. $1,000)	3,000 00
Accountant, 27 at $2,400	64,800 00
*Accountant (A. S. I. $2,360), 3 at $2,400	7,200 00
*Accountant (N. A. S. I.)	2,100 00
Accountant	1,800 00
*Accountant (A. S. I. $600)	1,800 00
Accountant	1,650 00
Statistician	2,100 00
Statistician (A. S. I. $600)	1,800 00
Bookkeeper	3,000 00
Bookkeeper, 2 at $2,400	4,800 00
Bookkeeper	2,250 00
Bookkeeper, 2 at $2,100	4,200 00
Bookkeeper	1,950 00
Bookkeeper	1,800 00
Bookkeeper, 3 at $1,650	4,950 00
Bookkeeper	1,500 00
*Bookkeeper (A. S. I. $600)	1,500 00
Bookkeeper, 3 at $1,350	4,050 00
*Bookkeeper (A. S. I. $3,850), 7 at $1,350	9,450 00
Bookkeeper, 18 at $1,200	21,600 00
*Bookkeeper (A. S. I. $800)	2,400 00
*Bookkeeper (A. S. I. $500), 2 at $1,200	2,400 00
Examiner	2,550 00
*Examiner (A. S. I. $850)	2,250 00
*Examiner (A. S. I. $850)	2,250 00
Examiner, 3 at $2,100	6,300 00
Examiner, 2 at $1,950	3,900 00
Examiner, 2 at $1,800	3,600 00
Examiner, 3 at $1,650	4,950 00
*Examiner (A. S. I. $550)	1,650 00
Examiner, 2 at $1,500	3,000 00
Examiner	1,050 00
Examiner of Accounts of Institutions	3,000 00
Examiner of Accounts of Institutions	2,100 00
*Examiner of Accounts of Institutions (A. S. I. $1,100)	2,100 00

Examiner of Accounts of Institutions, 3 at $1,500	4,500 00
Clerk	4,500 00
Clerk	2,650 00
Clerk, 2 at $2,400	4,800 00
Clerk	2,250 00
Clerk, 4 at $2,100	8,400 00
Clerk, 2 at $1,950	3,900 00
Clerk, 4 at $1,800	7,200 00
Clerk, 7 at $1,650	11,550 00
*Clerk (A. S. I. $650)	1,650 00
*Clerk (A. S. I. $650)	1,650 00
Clerk, 7 at $1,500	10,500 00
*Clerk (A. S. I. $600)	1,500 00
Clerk, 2 at $1,350	2,700 00
Clerk, 5 at $1,200	6,000 00
*Clerk (N. A. S. I.)	1,200 00
*Clerk (A. S. I. $350)	1,050 00
*Clerk (A. S. I. $900), 2 at $1,050	2,100 00
*Clerk (A. S. I. $350)	1,050 00
Clerk, 7 at $1,050	7,350 00
*Clerk (A. S. I. $250)	1,050 00
*Clerk (Card Indexer) (A. S. I. $450)	1,050 00
Clerk, 2 at $900	1,800 00
*Clerk (N. A. S. I.), 3 at $900	2,700 00
Clerk	750 00
*Clerk (N. A. S. I.), 2 at $600	1,200 00
*Clerk (A. S. I. $280)	600 00
Clerk, 2 at $540	1,080 00
*Clerk (A. S. I. $220), at $540	540 00
*Clerk (A. S. I. $180)	480 00
Clerk, 4 at $300	1,200 00
*Clerk (N. A. S. I.)	300 00
*Clerk (N. A. S. I.), 2 at $300	600 00
Disbursing Clerk	2,250 00
*Financial Clerk (A. S. I. $800)	2,100 00
Financial Clerk	1,650 00
Financial Clerk	1,350 00
*Financial Clerk (A. S. I. $550)	1,350 00
*Financial Clerk (A. S. I. $300)	1,200 00
*Financial Clerk at $1,200 (A. S. I. $500)	1,200 00
Stenographer and Typewriter	1,650 00
Stenographer and Typewriter	1,500 00
Stenographer and Typewriter, 2 at $1,350	2,700 00
Stenographer and Typewriter, 3 at $1,200	3,600 00
*Stenographer and Typewriter (A. S. I. $550)	1,050 00
*Stenographer and Typewriter (A. S. I. $400)	900 00
Typewriting Copyist	1,050 00
*Typewriting Copyist (A. S. I. $400)	900 00
*Typewriting Copyist (A. S. I. $350)	750 00
Typewriting Accountant, 5 at $1,200	6,000 00
Expert Typewriting Accountant	1,200 00
*Typewriting Accountant (A. S. I. $250)	1,050 00
Searcher (A. S. I. $650)	1,650 00
Bank Messenger, 3 at $1,200	3,600 00
Messenger	1,200 00
*Balance Unassigned (A. S. I.)	290 00
*Balance Unassigned (N. A. S. I.)	200 00
	$441,340 00

79 Disbursing Payrolls—

City Paymaster	$6,000 00
Deputy, City Paymaster, 8 at $2,500	20,000 00
Financial Clerk, 2 at $2,250	4,500 00
Financial Clerk, 3 at $1,950	5,850 00
Financial Clerk	1,800 00
Financial Clerk, 4 at $1,650	6,600 00
Financial Clerk	1,500 00
Financial Clerk, 6 at $1,350	8,100 00
Financial Clerk	1,050 00
Bookkeeper	1,500 00
Bookkeeper	1,350 00
Cashier	1,800 00
*Cashier (A. S. I. $800)	1,800 00
Clerk	1,350 00
Clerk, 3 at $1,200	3,600 00
Clerk	1,050 00
Clerk, 2 at $750	1,500 00
Clerk	600 00
*Clerk (A. S. I. $160)	600 00
*Clerk (A. S. I. $720), 3 at $600	1,800 00
*Clerk (A. S. I. $280)	600 00
Clerk	480 00
*Clerk (N. A. S. I.), 5 at $300	1,500 00
Stenographer and Typewriter	1,350 00
Bank Messenger	1,200 00
Messenger	1,350 00
Messenger, 2 at $1,200	2,400 00
Watchman, 3 at $900	2,700 00
Guard, 6 at $1,050	6,300 00
Balance Unassigned (A. S. I.)	60 00
	$90,290 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Approval of Form of Contract, etc. (Cal. No. 106).

The Secretary presented the following:

Fire Department, City of New York, 157 East 67th Street, July 28, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller of The City of New York:*

Sir—On July 16, 1913, I forwarded, for approval by the Board of Estimate, forms of contract for furnishing and delivering 10,200 feet of 1½-inch and 45,000 feet of 2½-inch circular cotton rubber lined fire hose. I now propose to reduce the quantity of the 1½-inch hose to 7,250 feet and increase the weight per length to 38 pounds, all to be delivered within forty-five days after execution of the contract instead of sixty days named in the contract forwarded.

It is also proposed to extend the time for the delivery of the 45,000 feet of 2½-inch hose to ninety days instead of sixty days.

Respectfully, GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 28, 1913, the Deputy and Acting Fire Commissioner requested approval of the forms of contracts and specifications for cotton rubber lined fire hose as follows:

7,250 feet of one and one-half inch hose, estimated cost..... $5,075 00
45,000 feet of two and one-half inch hose, estimated cost 54,000 00

The cost is to be charged to the special revenue bond fund entitled, "R. F. D.—18B, Revenue Bond Fund, For Fire Department, Purchase of Fire Hose for new Companies, 1913."

An appropriation of $59,100 for the fund was requested by the Board of Aldermen on April 15, 1913, and approved by the Board of Estimate and Apportionment on July 3, 1913. No part of this fund has been encumbered or expended.

At the suggestion of the Department of Finance, the specifications and form of contract have been changed in many ways, and, in their present form, will permit free competition in bidding.

The estimates of cost are based on prices previously paid by the City for hose of equal quality.

I recommend the adoption of the attached resolution approving the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 11, 1912, hereby approves the forms of contracts, specifications and the estimates of cost for cotton rubber-lined fire hose for the Fire Department, as follows:

Seven thousand two hundred and fifty feet of one and one-half inch hose; estimate of cost, five thousand and seventy-five dollars ($5,075).

Forty-five thousand feet of two and one-half inch hose; estimate of cost, fifty-four thousand dollars ($54,000).

—the cost to be charged to the special revenue bond fund entitled "R. F. D.—18B, Revenue Bond Fund, for Fire Department, Purchase of Fire Hose for New Companies, 1913."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Fire Department—Approval of Form of Contract, Etc. (Cal. No. 107).

The Secretary presented the following:

Fire Department, City of New York, 157 East 67th Street, July 23, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller of The City of New York:*

Sir—I have the honor to forward herewith for approval by the Board of Estimate and Apportionment, form of contract for furnishing 1,000 feet of 1 1-2-inch and 2,500 feet of 3 1-2-inch rubber fire hose required for fireboats. The estimated cost, $6,225.00, is to be charged to the fund entitled "R. F. D., No. 18C for equipment of New Fireboat."

Respectfully, GEO. W. OLVANY, Deputy and Acting Fire Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 28, 1913, the Deputy and Acting Fire Commissioner requested approval of the form of contract and specifications for rubber fire hose as follows:

One thousand feet of one and one-half (1 1-2) inch hose, estimated cost, six hundred dollars.

Two thousand five hundred feet of three and one-half (3 1-2) inch hose, estimated cost, five thousand six hundred and twenty-five dollars.

The cost is to be charged to the special revenue bond fund entitled "R. F. D. 18C, Revenue Bond Fund, for Fire Department, Purchase of Fire Hose for New Fireboat, 1913."

The appropriation of $7,000 for the fund was requested by the Board of Aldermen on April 15, 1913, and approved by the Board of Estimate and Apportionment on July 3, 1913. No part of the fund has been expended or encumbered.

At the suggestion of the Department of Finance the specifications have been changed in many ways to allow free competition in the bidding. The estimates of cost are based on prices previously paid by the City.

I recommend the adoption of the attached resolution approving the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 11, 1912, hereby approves the form of contract and specification and estimate of cost, six thousand two hundred and twenty-five dollars ($6,225), for one thousand (1,000) feet of one and one-half inch rubber fire hose and two thousand five hundred ($2,500) feet of three and one-half inch rubber fire hose, for the use of the Fire Department, the cost to be charged to the revenue bond fund entitled "R. F. D.—18C, Revenue Bond Fund, for Fire Department, Purchase of Fire Hose for New Fireboat, 1913."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Commissioners of Accounts—Modification of Schedules and Transfer of Appropriation (Cal. No. 108).

The Secretary presented the following:

City of New York, Office of the Commissioners of Accounts, 280 Broadway, July 22, 1913.

Honorable Board of Estimate and Apportionment, City of New York:

Sirs—Request is hereby made for a modification, effective as of August 1, 1913, of the 1913 budget for the office of the Commissioners of Accounts in schedule lines supporting the salary appropriation for this commission for the year 1913, affecting the following code numbers: 1952, 1953, 1954.

This modification is requested for the purpose of securing the benefits intended by the establishment in this office of new grades of positions by resolutions of the Board of Estimate and Apportionment under date of April 17, 1913, and July 3, 1913, and the Board of Aldermen of May 27, 1913, and July 15, 1913.

The modification proposes the following changes:

1 Chief Accountant at $4,500 to 1 Examiner at $4,500.
1 Chief Examiner of Accounts at $4,000 to 1 Examiner at $4,000.
4 Chief Examiners of Accounts at $3,500 to 4 Examiners at $3,500.
5 Chief Examiners of Accounts at $3,000 to 5 Examiners at $3,000.
2 Chief Examiners of Accounts at $2,500 to 2 Examiners at $2,750.
3 Chief Examiners of Accounts at $2,500 to 3 Examiners at $2,500.
1 Expert Accountant at $2,000 to 1 Examiner at $2,000.
1 Accountant at $2,700 to 1 Accountant at 3,000.
1 Examining Engineer at 2,200 to 1 Examining Engineer at $2,400.
1 Examining Engineer at 4,500 to 1 Examining Engineer at $3,500.

The decrease in the position of examining engineer, at the present time vacant in this office, from the annual rate of $4,500 to $3,500, enables this commission to make the increase to a corresponding amount shown in the above statement.

In connection with the changes, request is also made for the transfer of the necessary funds from code No. 1954, Engineering, Inspection and Special Staff, to code No. 1953, Administration—Accounting.

The modified schedule hereto attached shows the necessary changes to be made in the schedule lines supporting the salary appropriations for this commission for the year 1913, showing an unassigned balance amounting to $80. The modification does not increase the budgetary appropriation in the above codes for the year 1913.

Very truly yours, JEREMIAH T. MAHONEY and HARRY M. RICE, Commissioners of Accounts.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 22, 1913, the Commissioners of Accounts requested modification of the 1913 salary schedules entitled "Personal Service, Salaries Regular Employees, Administration, No. 1952, Executive, No. 1953, Accounting and Engineering, No. 1954, Inspection and Special Staff," involving the transfer of $333.33 within the accounts. In connection therewith I report as follows:

In account No. 1952 it is proposed to change the title of Chief Accountant to that of Examiner. It is stated that this will permit the selection of any member of the staff at any time to perform the duties of Chief Accountant under the office title of Chief of Staff.

In account No. 1953 it is proposed to change the title of fifteen Chief Examiners of Accounts and one Expert Accountant to that of Examiner. The purpose is to permit the assignment of men in charge of squads or details under the office title of Examiner in Charge. Circumstances sometimes develop when it is advisable to place an Accountant in charge of a squad with a Chief Examiner subordinate to him.

It is also proposed to increase the salaries of Rudolph Holde and Adolphus Ragan, Examiners, at $2,500 per annum, to $2,750 per annum. Mr. Holde was increased to his present rate on March 21, 1898, and Mr. Ragan was appointed at his present rate on April 20, 1910. The Commissioner states that he also desires to increase the salary of Thomas J. McFall, an Accountant, from $2,700 to $3,000, Mr. McFall was increased to his present rate on June 16, 1911. The funds necessary to provide for the increases are transferred from account No. 1954.

In account No. 1954 it is proposed to decrease a vacant position of Examining Engineer at $4,500 to Examining Engineer at $3,500. The $1,000 difference is to be used for salary increases. $800 is transferred to account No. 1953 and the remaining $200 is to provide for an increase in the salary of Walter B. Gormley, an Examining Engineer, from $2,200 to $2,400 per annum. Mr. Gormley was increased to his present rate on March 1, 1908.

The following schedule shows the line item changes in detail:

Code No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase
1952	Chief Examiner of Accounts, 1 at $4,500	$4,500 00	.....	$1,875 00	.....
	Examiner, at $4,500	.....	$4,500 00	.....	$1,875 00
		$4,500 00	$4,500 00	$1,875 00	$1,875 00
1953	Chief Examiner of Accounts, 1 at $4,000	$4,000 00	.....	$1,666 65	.....
	Examiner, at $4,000	.....	$4,000 00	.....	$1,666 66
	Chief Examiner of Accounts, 3 at $3,500	10,500 00	.....	4,375 00	.....
	Examiner, at $3,500	.....	10,500 00	.....	4,375 00
	*Chief Examiner of Accounts, 1 at $3,500 (A. S. I. $1,500).	3,500 00	.....	1,458 33	.....
	*Examiner, at $3,500 (A. S. I. $1,500)	.....	3,500 00	.....	1,458 33
	Chief Examiner of Accounts, 5 at $3,000	15,000 00	.....	6,250 00	.....
	Examiner, at $3,000	.....	15,000 00	.....	6,250 00
	*Examiner, at $2,750 (A. S. I. $1,083.33 each)	.....	5,500 00	.....	2,291 66
	Chief Examiner of Accounts, 5 at $2,500	12,500 00	.....	5,208 33	.....
	Examiner, at $2,500	.....	7,500 00	.....	3,125 00
	Expert Accountant, 1 at $2,00.	2,000 00	.....	833 33	.....
	Examiner, at $2,000	.....	2,000 00	.....	833 33
	*Accountant, 2 at $3,000 (A. S. I. $1,200 each)	.....	3,000 00	.....	1,250 00
	Accountant, 6 at $2,700	2,700 00	.....	1,125 00	.....
		$50,200 00	$51,000 00	$20,916 65	$21,249 98
1954	Examining Engineer, 1 at $4,500	$4,500 00	.....	$1,875 00	.....
	*Examining Engineer, at $3,500 (A. S. I. $500)	.....	$3,500 00	.....	$1,458 33
	Examining Engineer, 1 at $2,200	$2,200 00	.....	916 66	.....
	*Examining Engineer, at $2,400 (A. S. I.)	.....	2,400 00	.....	1,000 00
		$6,700 00	$5,900 00	$2,791 66	$2,458 33

I recommend the adoption of the attached resolutions modifying the schedules as requested and transferring $333.33 from account No. 1954 to No. 1953.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Commissioners of Accounts for the year 1913, as follows:

FROM

Personal Service, Salaries Regular Employees, Engineering.

1954 Inspection and Special Staff $333 33

TO

Personal Service, Salaries Regular Employees, Administration.

1953 Accounting $333 33

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the Commissioners of Accounts for the year 1913, to be effective as of August 1, 1913, as follows:

COMMISSIONERS OF ACCOUNTS.

Personal Service, Salaries Regular Employees, Administration.

1952	Executive—	
	Commissioner of Accounts, 2 at $5,000	$10,000 00
	Examiner	4,500 00
	Stenographer to Commissioner	1,800 00
	*Stenographer to Commissioner (A. S. I., $550)	1,350 00
	Stenographer and Typewriter	1,200 00
		$18,850 00
1953	Accounting—	
	Examiner	$4,000 00
	Examiner, 3 at $3,500	10,500 00
	Examiner, 1 at $3,500 (A. S. I., $1,500)	3,500 00
	Examiner, 5 at $3,000	15,000 00
	*Examiner, 2 at $2,750 (A. S. I., $1,083.33 each)	5,500 00
	Examiner, 3 at $2,500	7,500 00
	Examiner, 1 at $2,000	2,000 00
	*Accountant, 3 at $3,000 (A. S. I., $1,200 each)	9,000 00
	Accountant, 5 at $2,700	13,500 00
	Accountant, 2 at $2,250	4,500 00
	*Accountant, 1 at $2,250 (A. S. I., $850)	2,250 00
	Accountant, 9 at $2,100	18,900 00
	*Accountant, 2 at $2,100 (A. S. I., $800 each)	4,200 00
	Accountant, 2 at $1,950	3,900 00
	*Accountant, 1 at $1,950 (A. S. I., $750)	1,950 00
	Accountant, 5 at $1,800	9,000 00
	Accountant, 3 at $1,650	4,950 00
	*Accountant, 1 at $1,650 (A. S. I., $50)	1,650 00
	Accountant, 2 at $1,500	3,000 00
	Clerk, 3 at $1,650	4,950 00
	Clerk, 2 at $1,500	3,000 00
	*Clerk, 1 at $1,500 (A. S. I., $600)	1,500 00
	*Clerk, 1 at $1,350 (A. S. I., $550)	1,350 00
	Clerk, 2 at $1,200	2,400 00
	*Clerk, 1 at $1,200 (A. S. I., $100)	1,200 00
	Clerk, 3 at $1,050	3,150 00
	*Clerk, 1 at $1,050 (A. S. I., $50)	1,050 00
	*Clerk, 1 at $1,050 (N. A. S. I.)	1,050 00
	Clerk, 3 at $900	2,700 00
	Clerk, 1 at $540	540 00
	Clerk, 1 at $480	480 00
	Clerk, 5 at $300	1,500 00
	Balance unassigned (A. S. I.)	30 00
	Balance unassigned (N. A. S. I.)	50 00
		$149,750 00
1954	Engineering, Inspection and Special Staff—	
	*Examining Engineer, 1 at $3,500 (A. S. I., $500)	$3,500 00
	*Examining Engineer, 1 at $2,400 (A. S. I., $933.33)	2,400 00
	Law Examiner, 1 at $2,850 (A. S. I., $1,183.33)	2,850 00
	Examining Inspector, 4 at $1,800	7,200 00
	Examining Inspector, 2 at $1,650 (A. S. I., $650 each)	3,300 00
	Examining Inspector, 2 at $1,500	3,000 00
	Examining Inspector, 1 at $1,200 (N. A. S. I.)	1,200 00
		$23,450 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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Emily M. Roemer—Conveyance of all Right, Title and Interest of Lands Under the Waters of Spuyten Duyvil Creek (Cal. No. 109).

(On August 26, 1910, the petition of Emily M. Roemer in this matter was referred to the Comptroller, and is on file.)

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 29, 1913.

To the Board of Estimate and Apportionment of The City of New York:

At a meeting of the Board of Estimate and Apportionment held August 26, 1910, there was referred to the Comptroller the Petition of Emily M. Roemer, stating that she is the owner of certain premises consisting of land, and land under water, situate in the City of New York as shown on a map attached thereto. In her petition she states that she is desirous of acquiring all the right, title and interest of The City of New York in and to the land lying in the bed of the Spuyten Duyvil Creek and Harlem River abutting the above premises.

Under chapter 615 of the Laws of 1904, The City of New York, acting by its Board of Estimate and Apportionment, is authorized to convey to the owner or owners of the adjacent lands on either side of Spuyten Duyvil Creek and the Harlem River, all the right, title and interest of The City of New York, including all that acquired by it under the provisions of said Act of, in and to the lands now or originally under the waters of the said Spuyten Duyvil Creek and of the Harlem River in which no interest or estate had been granted prior to the enactment of such act, upon such consideration as shall be proposed by the Board of Estimate and Apportionment and agreed to and complied with by any such owner or owners.

Subsequent to the receipt of this petition, petitions were received from all of the owners of lands adjacent to the Spuyten Duyvil Creek and Harlem River requesting conveyance to them of the City's interest in the bed of the creek. In the description contained in these petitions of the land requested to be released to them, each adjacent owner overlapped, and before I would take action upon any of them I suggested that all of the petitioners agree as to their descriptions.

Subsequently all the owners of the adjacent land on both sides of Spuyten Duyvil Creek and Harlem River between 225th street and Broadway and between Broadway and Kingsbridge avenue or Marble Hill avenue have agreed as to the respective boundaries and the extent of the portions or parcels of land now or originally under the waters of the said creek and river, and have amended their respective petitions so as to make the boundaries the same as contained in the agreement.

The lands requested to be released by the amended petition of Emily M. Roemer are situated between 225th street and 227th street, and from the westerly side of old Exterior street of 1859 and the Central Park Commissioners' Bulkhead line of 1868, and contains an area of about 134,632 square feet, and has been appraised by the Bureau of Real Estate of the Finance Department at $69,250.00. This, to my mind, is a fair appraisal and value of the property.

I therefore respectfully recommend that the Board of Estimate and Apportionment, pursuant to Chapter 615 of the Laws of 1904, authorize a conveyance to Emily M. Roemer of all the right, title and interest of the City in and to the property located in The City of New York as contained in the description of the same hereto annexed, such conveyance to be in consideration of the sum of $69,250.00, the deed to be conditioned upon the fact that Emily M. Roemer is owner of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Respectfully, WM. A. PRENDERGAST, Comptroller.

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at the point of intersection of the northerly line of 225th street as legally established, with the original westerly high water line of Spuyten Duyvil Creek, or Harlem River, as described in grant from the Mayor, Aldermen and Councilmen of The City of New York to James M. McLean, Elisha Brooks, George H. Peck and Joseph H. Godwin dated June 29, 1867, and recorded in Liber 1 of City Grants, Comptroller's office, New York City, page 401, and shown upon diagram thereto annexed, which point is distant westerly three hundred and thirty-four feet and eighty-six one-hundredths of a foot (334.86), more or less, from the intersection of the westerly side of Exterior street, in the Borough of The Bronx, as acquired by The City of New York on September 25, 1897, as measured along the said northerly side of 225th street and the continuation thereof known as Kingsbridge road; running thence northerly and westerly along said high water line as it winds and turns until the same intersects a line formerly the westerly line of the Exterior street laid out upon a map prepared by Henry L. Southard, and adopted by the Board of Aldermen of The City of New York on the 20th day of September, 1859, and by the Board of Councilmen of said city on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859, and filed in the office of the Street Commissioner of said city on or about September 10, 1859, which point of intersection is distant one hundred and twenty-seven (127) feet, more or less, measured along the said westerly line of said Exterior street of 1859, from the said northerly side of said 225th street; thence northerly along the said westerly line of said Exterior street of 1859 to the point of intersection therewith of the next course or boundary hereinafter described; thence easterly one hundred and forty-seven feet and forty-one one-hundredths of a foot (147.41), to the center line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under chapter 697 of the Laws of 1867, and confirmed by Chapter 288 of the Laws of 1868, along a line drawn parallel with and thirty (30) feet distant south of a line drawn from the easterly terminus of the northerly line of 227th street, as the same was ceded and conveyed to the City of New York by deed of Daniel E. Seybel (unmarried) dated the 14th day of September, 1896, and recorded in the office of the Register of The County of New York on the 8th day of October, 1896, in Liber 8, section 12 of Conveyances, page 430, to a point in the westerly side of Exterior street in the Borough of The Bronx, distant twenty-one feet and twenty-one one-hundredths of a foot (21.21) northerly as measured along the westerly side of said Exterior street (Bronx) from an angle in the said westerly line, which angle is distant six hundred and seventeen feet and ninety-four one-hundredths of a foot (617.94) southerly from the point formed by the intersection of the said westerly side of said Exterior street (Bronx) and the southeasterly side of Broadway as legally established; thence southerly along said center line between the easterly and westerly bulkhead lines laid out as aforesaid by the Commissioners of the Central Park, one hundred and twenty-five feet and seventy-nine one-hundredths of a foot (125.79) to a point in said center line between said easterly and westerly bulkheads lines laid out as aforesaid by the Commissioners of Central Park, which point is distant four hundred and thirteen feet and seventy-nine one-hundredths of a foot (413.79) as measured along said center line from the northerly side of 225th street as legally established; thence easterly one hundred and forty-nine feet and eighty-five one-hundredths of a foot (149.85) to a point in the easterly bulkhead line laid out by the Commissioners of Central Park as aforesaid, distant four hundred and sixty feet and seventy one-hundredths of a foot (460.70) as measured along the said easterly bulkhead line laid out by the Commissioners of the Central Park as aforesaid, from the northerly side of said 225th street, said point also being the northwesterly corner of land now of Emily M. Roemer; thence southerly four hundred and sixty feet and seventy one-hundredths of a foot (460.70) along the said easterly bulkhead line laid out by the Commissioners of the Central Park as aforesaid, to the point of intersection therewith of the northerly side of 225th street as now established by law; thence westerly along the said northerly side of 225th street, one hundred and fifty (150) feet, more or less, to the point or place of beginning.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, hereby authorizes a conveyance to Emily M. Roemer of all the right, title and interest of The City of New York in and to the property located in The City of New York, bounded and described as follows:

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at the point of intersection of the northerly line of 225th street as legally established with the original westerly high-water line of Spuyten Duyvil Creek, or Harlem River, as described in grant from the Mayor, Aldermen and Councilmen of The City of New York, to James M. McLean, Elisha Brooks, George H. Peck and Joseph H. Godwin, dated June 29, 1867, and recorded in Liber I of City Grants, Comptroller's office, New York City, page 401, and shown upon diagram thereto annexed, which point is distant westerly three hundred and thirty-four feet and eighty-six one-hundredths of a foot (334.86), more or less, from the intersection of the westerly side of Exterior street, in the Borough of The Bronx, as acquired by The City of New York on September 25, 1897, as measured along the said northerly side of 225th street and the continuation thereof known as Kingsbridge road; running thence northerly and westerly along said highwater line as it winds and turns until the same intersects a line formerly the westerly line of the Exterior street laid out upon a map prepared by Henry L. Southard and adopted by the Board of Aldermen of The City of New York on the 20th day of September, 1859, and by the Board of Councilmen of said city on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859, and filed in the office of the Street Commissioner of said city on or about September 10, 1859, which point of intersection is distant one hundred and twenty-seven (127) feet, more or less, measured along the said westerly line of said Exterior street of 1859, from the said northerly side of said 225th street; thence northerly along the said westerly line of said Exterior street of 1859 to the point of intersection therewith of the next course or boundary hereinafter described; thence easterly one hundred and forty-seven feet and forty-one one-hundredths of a foot (147.41) to the centre line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under chapter 697 of the Laws of 1867, and confirmed by chapter 288 of the Laws of 1868, along a line drawn parallel with and thirty (30) feet distant south of a line drawn from the easterly terminus of the northerly line of 227th street, as the same was ceded and conveyed to The City of New York by deed of Daniel E. Seybel (unmarried), dated the 14th day of September, 1896, and recorded in the office of the Register of the County of New York on the 8th day of October, 1896, in Liber 8, section 12 of Conveyances, page 430, to a point in the westerly side of Exterior street, in the Borough of The Bronx, distant twenty-one feet and twenty-one one-hundredths of a foot (21.21) northerly as measured along the westerly side of said Exterior street (Bronx) from an angle in the said westerly line, which angle is distant six hundred and seventeen feet and ninety-four one-hundredths of a foot (617.94) southerly from the point formed by the intersection of the said westerly side of said Exterior street (Bronx) and the southeasterly side of Broadway as legally established; thence southerly along said centre line between the easterly and westerly bulkhead lines laid out as aforesaid by the Commissioners of the Central Park, one hundred and twenty-five feet and seventy-nine one-hundredths of a foot (125.79) to a point in said centre line between said easterly and westerly bulkhead lines laid out as aforesaid by the Commissioners of Central Park, which point is distant four hundred and thirteen feet and seventy-nine one-hundredths of a foot (413.79) as measured along said centre line from the northerly side of 225th street as legally established; thence easterly one hundred and forty-nine feet and eighty-five one-hundredths of a foot (149.85) to a point in the easterly bulkhead line laid out by the Commissioners of Central Park as aforesaid, distant four hundred and sixty feet and seventy one-hundredths of a foot (460.70) as measured along the said easterly bulkhead line laid out by the Commissioners of the Central Park as aforesaid, from the northerly side of said 225th street, said point also being the northwesterly corner of land now of Emily M. Roemer; thence southerly four hundred and sixty feet and seventy one-hundredths of a foot (460.70) along the said easterly bulkhead line laid out by the Commissioners of the Central Park as aforesaid, to the point of intersection therewith of the northerly side of 225th street as now established by law; thence westerly along the said northerly side of 225th street one hundred and fifty (150) feet, more or less, to the point or place of beginning.

—such conveyance to be in consideration of the sum of sixty-nine thousand two hundred and fifty dollars ($69,250), the deed to be conditioned upon the fact that Emily M. Roemer is owner of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

John C. Rodgers—Conveyance of All the Right, Title and Interest of Lands Under the Waters of Spuyten Duyvil Creek (Cal. No. 110).

(On February 20, 1913, the petition of John C. Rodgers, in this matter, was referred to the Comptroller, and is on file).

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 29, 1913.

To the Board of Estimate and Apportionment of the City of New York:

At a meeting of the Board of Estimate and Apportionment held February 20, 1913, there was referred to the Comptroller the Petition of John C. Rodgers, stating that he is the owner of certain premises consisting of land, and land under water, situate in the City of New York as shown on a map attached thereto. In his petition he states that he is desirous of acquiring all the right, title and interest of the City of New York in and to the land lying in the bed of the Spuyten Duyvil Creek and Harlem river abutting the above premises.

Under Chapter 615 of the Laws of 1904 the City of New York, acting by its Board of Estimate and Apportionment, is authorized to convey to the owner or owners of the adjacent lands on either side of Spuyten Duyvil Creek and the Harlem river, all the right, title and interest of the City of New York, including all that acquired by it under the provisions of said Act of, in and to the lands now or originally under the waters of the said Spuyten Duyvil Creek and of the Harlem River in which no interest or estate had been granted prior to the enactment of such act, upon such consideration as shall be proposed by the Board of Estimate and Apportionment and agreed to and complied with by any such owner or owners.

Subsequent to the receipt of this petition, petitions were received from all of the owners of lands adjacent to the Spuyten Duyvil Creek and Harlem River requesting conveyance to them of the City's interest in the bed of the creek. In the description contained in these petitions of the land requested to be released to them, each adjacent owner overlapped, and before I would take action upon any of them I suggested that all of the petitioners agree as to their descriptions.

Subsequently all the owners of the adjacent land on both sides of Spuyten Duyvil Creek and Harlem river between 225th street and Broadway and between Broadway and Kingsbridge avenue or Marble Hill avenue, have agreed as to the respective boundaries and the extent of the portions or parcels of land now or originally under the waters of the said creek and river, and have amended their respective petitions so as to make the boundaries the same as contained in the agreement.

The lands requested to be released by the amended petition of John C. Rodgers are situated on the Manhattan side of Spuyten Duyvil Creek and consists of one parcel running from Marble Hill avenue or Kingsbridge avenue to Broadway and another parcel from the southeast side of Broadway for a distance of about 265 feet south of Broadway, and contain total area of about 67,515 square feet, and have been appraised by the Bureau of Real Estate of the Finance Department at $99,950. This to my mind, is a fair appraisal and value of the property.

I therefore respectfully recommend that the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, authorize a conveyance to John C. Rodgers of all the right, title and interest of the City in and to the property located in the City of New York as contained in the description of the same hereto annexed, such conveyance to be in consideration of the sum of $99,950, the deed to be conditioned upon the fact that John C. Rodgers is owner of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Respectfully, WM. A. PRENDERGAST, Comptroller.

All that certain lot, piece or parcel of land, situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point in the southeasterly side of Broadway as legally established at the point of intersection therewith of a line formerly the westerly line of the Exterior street as laid out upon a map prepared by Henry L. Southard and adopted by the Board of Aldermen of The City of New York on the 20th day of September, 1859, and by the Board of Councilmen of said City on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859, and filed in the office of the Street Commissioner of said city on or about September 10, 1859, and which point is distant southwesterly three hundred and sixty-one feet and forty-one one-hundredths of a foot (361.41) from the point of intersection of the said southeasterly side of Broadway with the westerly side of Exterior street, Borough of The Bronx, as acquired by The City of New York on September 25, 1897; thence southeasterly along the said westerly line of the said Exterior street laid out as aforesaid upon the said map prepared by Henry L. Southard two hundred and eighty-three feet and ten one-hundredths of a foot (283.10) to the point of intersection therewith of the next course or boundary hereinafter described; thence easterly one hundred and forty-seven feet and forty-one one-hundredths of a foot (147.41) to the center line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under chapter 697, Laws of 1867, and confirmed by chapter 288 of the Laws of 1868, along a line drawn parallel with and thirty (30) feet distant southerly from a line drawn from the easterly terminus of the northerly line of 227th street as the same was ceded and conveyed to The City of New York by deed of Daniel E. Seybel (unmarried) dated the 14th day of September, 1896, and recorded in the office of the Register of New York County on the 8th day of October, 1896, Liber 8, section 12, of conveyances, page 430, to a point in the westerly side of Exterior street, in the Borough of The Bronx, above mentioned, distant twenty-one feet and twenty-one one-hundredths of a foot (21.21) northerly as measured along the said westerly side of said Exterior street (Bronx) from an angle in the said westerly line of said Exterior street which angle is distant six hundred and seventeen feet and ninety-four one-hundredths of a foot (617.94), southerly from the point formed by the intersection of the said westerly side of said Exterior street (Bronx) and the southeasterly side of Broadway as legally established; thence northerly along the said center line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park, as aforesaid, two hundred and twenty-five feet and eighty-nine one-hundredths of a foot (225.89) to a point distant southerly from the southeasterly side of Broadway as legally established, measured along the center line between the said easterly and westerly bulkhead lines one hundred and thirty-nine feet and twenty-nine one-hundredths of a foot (139.29), thence northeasterly in a straight line twenty-two feet and fifty-four one-hundredths of a foot (22.54) along a line, the continuation of which would intersect the easterly bulkhead line laid out by the Commissioners of Central Park, as aforesaid, at a point distant southerly as measured along the said easterly bulkhead line one hundred and fifty-five feet and eight one-hundredths of a foot (155.08) from the southeasterly side of Broadway as legally established; thence northerly along a line drawn parallel with and twenty feet and forty-two one-hundredths of a foot (20.42) distant easterly from the said centre line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park, as aforesaid, one hundred and forty-two feet and sixty one-hundredths of a foot (142.60) to a point in the said southeasterly side of said Broadway distant two hundred and sixty feet and thirty-seven one-hundredths of a foot (260.37), as measured along the said southeasterly side of said Broadway from the westerly side of said Exterior street (Bronx); thence southwesterly along said southeasterly side of said Broadway one hundred and one feet and four one-hundredths of a foot (101.04) to the point of intersection therewith of the said westerly line of the said Exterior street laid out as aforesaid upon the map prepared by Henry L. Southard at the point or place of beginning.

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point on the southeasterly side of Kingsbridge avenue as laid out upon a map adopted by the Board of Estimate and Apportionment of The City of New York on the 11th day of July, 1912, and filed in the office of the Register of New York County, on February 18, 1913, as map Number 1709, at a point in the said southeasterly side of said Kingsbridge avenue formed by the intersection therewith of the center line between the easterly and westerly bulkhead lines laid out and established by the Harbor Commissioners under and pursuant to an act known as chapter 121 of the Laws of 1855 and confirmed by chapter 763 of the Laws of 1857, and commonly known and referred to as the "Harbor Commissioners' Bulkhead Lines of 1857," said point being distant one hundred and sixty-six feet and sixty-six one-hundredths of a foot (166.66) from the corner formed by the intersection of the said southeasterly side of said Kingsbridge avenue with the southwesterly side of 230th street, as legally established; thence southeasterly along said center line drawn equidistant between the easterly and westerly Harbor Commissioners' Bulkhead Lines of 1857, one hundred and ninety-nine feet and forty-seven one-hundredths of a foot (199.47) to a point thereon where a line drawn therefrom at right angles with the southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 would intersect the same at a point therein distant southeasterly one hundred and ninety-three feet and fifty-six one-hundredths of a foot (193.56) from the said southeasterly side of said Kingsbridge avenue as measured along the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857; thence southwesterly along said line drawn at right angles, as aforesaid, with the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857, thirty-six feet and eight one-hundredths of a foot (36.08) to its intersection with the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 as aforesaid, thence southeasterly along the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 continued in a straight line to its intersection with the northwesterly side of Broadway, as legally established, three hundred and eleven feet and sixty-five one-hundredths of a foot (311.65) said point of intersection with the said northwesterly side of Broadway being distant southwesterly eighty-two feet and fifty-one one-hundredths of a foot (82.51) as measured along the said northwesterly side of Broadway from the corner formed by the intersection of the said northwesterly side of Broadway with the said southwesterly side of 230th street, said southwesterly side of said 230th street being also the northerly and easterly bulkhead line established by the Commissioners of Central Park under and pursuant to chapter 697 of the Laws of 1867, and confirmed by chapter 288 of the Laws of 1868; thence southwesterly along the said northwesterly side of Broadway eighty-one feet and twenty-nine one-hundredths of a foot (81.29) to a point thereon where the same is intersected by the southerly and westerly line of the Exterior street as laid out upon a map prepared by Henry L. Southard, and adopted by the Board of Aldermen of The City of New York on September 20, 1859, and by the Board of Councilmen of the said city on October 25, 1859, and filed in the office of the Street Commissioner of said city on or about September 10, 1859, said point of intersection being sixty-two feet and ninety-eight one-hundredths of a foot (62.98) distant northerly from the southerly and westerly bulkhead line of 1868 above mentioned, as measured along said northwesterly side of said Broadway; thence northerly and northwesterly along said westerly side of said Exterior street, laid out as aforesaid, to the point of intersection therewith of the original westerly highwater line of Spuyten Duyvil creek as described in grant from the Mayor, Aldermen and Councilmen of The City of New York to James M. McLean, Elisha Brooks, George H. Peck and Joseph H. Godwin, dated June 29, 1867, and recorded in Liber I. of City Grants at page 401 in the office of the Comptroller of The City of New York, and shown upon diagram thereto annexed; thence northeasterly, northwesterly and southwesterly along the said original westerly highwater line of Spuyten Duyvil creek or Harlem River above mentioned as it winds and turns to the point where it is again intersected by the said southerly and westerly line of said Exterior street of 1859, above mentioned; thence northeasterly along the said southerly and westerly line of said Exterior street of 1859, above mentioned, one hundred and four feet and sixty-seven one hundredths of a foot (104.67) more or less to the point where it is again intersected by said last mentioned highwater line at a distance of one hundred and seventy-one (171) feet more or less from the southeasterly side of Marble Hill avenue as legally established; thence northerly and easterly along said last mentioned highwater line as it winds and turns to the point of intersection therewith of the said southeasterly side of said Marble Hill avenue; thence northeasterly along the said southeasterly side of said Marble Hill avenue and the continuation thereof in a straight line forming also the southeasterly

side of said Kingsbridge avenue sixty-five feet and fourteen one-hundredths of a foot (65.14) to the point or place of beginning.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, hereby authorizes a conveyance to John C. Rodgers of all the right, title and interest of The City of New York to the property located in The City of New York, bounded and described as follows:

All that certain lot, piece or parcel of land, situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point in the southeasterly side of Broadway as legally established at the point of intersection therewith of a line formerly the westerly line of the Exterior street as laid out upon a map prepared by Henry L. Southard and adopted by the Board of Aldermen of The City of New York on the 20th day of September, 1859, and by the Board of Councilmen of said City on the 25th day of October, 1859, and approved by the Mayor on the 29th day of October, 1859, and filed in the office of the Street Commissioner of said City on or about September 10, 1859, and which point is distant southwesterly three hundred and sixty-one feet and forty-one one-hundredths of a foot (361.41) from the point of intersection of the said southeasterly side of Broadway with the westerly side of Exterior street, Borough of The Bronx, as acquired by The City of New York on September 25, 1897; thence southeasterly along the said westerly line of the said Exterior street laid out as aforesaid upon the said map prepared by Henry L. Southard two hundred and eighty-three feet and ten one-hundredths of a foot (283.10) to the point of intersection therewith of the next course or boundary hereinafter described; thence easterly one hundred and forty-seven feet and forty-one one-hundredths of a foot (147.41) to the centre line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under chapter 697, Laws of 1867, and confirmed by chapter 288, of the Laws of 1868 along a line drawn parallel with and thirty (30) feet distant southerly from a line drawn from the easterly terminus of the northerly line of 227th street as the same was ceded and conveyed to The City of New York by deed of Daniel E. Seybel (unmarried), dated the 14th day of September, 1896, and recorded in the office of the Register of New York County on the 8th day of October, 1896, Liber 8, section 12, of conveyances, page 430, to a point in the westerly side of Exterior street, in the Borough of The Bronx, above mentioned, distant twenty-one feet and twenty-one one hundredths of a foot (21.21) northerly, as measured along the said westerly side of said Exterior street (Bronx) from an angle in the said westerly line of said Exterior street which angle is distant six hundred and seventeen feet and ninety-four one-hundredths of a foot (617.94) southerly from the point formed by the intersection of the said westerly side of said Exterior street (Bronx) and the southeasterly side of Broadway as legally established; thence northerly along the said centre line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park, as aforesaid two hundred and twenty-five feet and eighty-nine one-hundredths of a foot (225.89) to a point distant southerly from the southeasterly side of Broadway as legally established, measured along the centre line between the said easterly and westerly bulkhead lines one hundred and thirty-nine feet and twenty-nine one-hundredths of a foot (139.29), thence northeasterly in a straight line twenty-two feet and fifty-four one hundredths of a foot (22.54) along a line, the continuation of which would intersect the easterly bulkhead line laid out by the Commissioners of Central Park, as aforesaid, at a point distant southerly as measured along the said easterly bulkhead line one hundred and fifty-five feet and eight one-hundredths of a foot (155.08) from the southeasterly side of Broadway as legally established; thence northerly along a line drawn parallel with and twenty feet and forty-two one-hundredths of a foot (20.42) distant easterly from the said centre line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park, as aforesaid, one hundred and forty-two feet and sixty one-hundredths of a foot (142.60) to a point in the said southeasterly side of said Broadway distant two hundred and sixty feet and thirty-seven one-hundredths of a foot (260.37), as measured along the said southeasterly side of said Broadway from the westerly side of said Exterior street (Bronx), thence southwesterly along said southeasterly side of said Broadway one hundred and one feet and four one-hundredths of a foot (101.04) to the point of intersection therewith of the said westerly line of the said Exterior street laid out as aforesaid upon the map prepared by Henry L Southard at the point or place of beginning.

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point on the southeasterly side of Kingsbridge avenue as laid out upon a map adopted by the Board of Estimate and Apportionment of The City of New York on the 11th day of July, 1912, and filed in the office of the Register of New York County on February 18, 1913, as map No. 1709, at a point in the said southeasterly side of said Kingsbridge avenue formed by the intersection therewith of the centre line between the easterly and westerly bulkhead lines laid out and established by the Harbor Commissioners under and pursuant to an act known as chapter 121 of the Laws of 1855, and confirmed by chapter 763 of the Laws of 1857, and commonly known and referred to as the "Harbor Commissioners' Bulkhead Lines of 1857," said point being distant one hundred and sixty-six feet and sixty-six one-hundredths of a foot (166.66) from the corner formed by the intersection of the said southeasterly side of said Kingsbridge avenue with the southwesterly side of 230th street, as legally established; thence southeasterly along said centre line drawn equidistant between the easterly and westerly Harbor Commissioners' Bulkhead Lines of 1857, one hundred and ninety-nine feet and forty-seven one hundredths of a foot (199.47) to a point thereon where a line drawn therefrom at right angles with the southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 would intersect the same at a point therein distant southeasterly one hundred and ninety-three feet and fifty-six one-hundredths of a foot (193.56) from the said southeasterly side of said Kingsbridge avenue as measured along the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857; thence southwesterly along said line drawn at right angles, as aforesaid, with the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857, thirty-six feet and eight one-hundredths of a foot (36.08) to its intersection with the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857, as aforesaid, thence southeasterly along the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 continued in a straight line to its intersection with the northwesterly side of Broadway, as legally established, three hundred and eleven feet and sixty-five one-hundredths of a foot (311.65) said point of intersection with the said northwesterly side of Broadway being distant southwesterly eighty-two feet and fifty-one one-hundredths of a foot (82.51) as measured along the said northwesterly side of Broadway from the corner formed by the intersection of the said northwesterly side of Broadway with the said southwesterly side of 230th street, said southwesterly side of said 230th street being also the northerly and easterly bulkhead line established by the Commissioners of Central Park under and pursuant to chapter 697 of the Laws of 1867 and confirmed by chapter 288 of the Laws of 1868; thence southwesterly along the said northwesterly side of Broadway eighty-one feet and twenty-nine one-hundredths of a foot (81.29) to a point thereon where the same is intersected by the southerly and westerly line of the Exterior street as laid out upon a map prepared by Henry L. Southard, and adopted by the Board of Aldermen of The City of New York on September 20, 1859, and by the Board of Councilmen of the said City on October 25, 1859, and filed in the office of the Street Commissioner of said City on or about September 10, 1859, said point of intersection being sixty-two feet and ninety-eight one-hundredths of a foot (62.98) distant northerly from the southerly and westerly bulkhead line of 1868 above mentioned, as measured along said northwesterly side of said Broadway; thence northerly and northwesterly along said westerly side of said Exterior street, laid out as aforesaid, to the point of intersection therewith of the original westerly high water line of Spuyten Duyvil Creek, as described in grant from the Mayor, Aldermen and Councilmen of The City of New York to James M. McLean, Elisha Brooks, George H. Peck and Joseph H. Godwin, dated June 29, 1867, and recorded in Liber I. of City grants, at page 401, in the office of the Comptroller of The City of New York, and shown upon diagram thereto annexed; thence northeasterly, northwesterly and southwesterly along the said original westerly high water line of Spuyten Duyvil Creek or Harlem River, above mentioned, as it winds and turns to the point where it is again intersected by the said southerly and westerly line of said Exterior street of 1859, above mentioned; thence northeasterly along the said southerly and westerly line of said Exterior street of 1859, above mentioned, one hundred and four feet and sixty-seven one-hundredths of a foot (104.67) more or less to the point where it is again intersected by said last mentioned high water line at a distance of one hundred and seventy-one (171) feet more or less from the southeasterly side of Marble Hill avenue as legally established; thence northerly and easterly along said last mentioned high water line as it winds and turns to the point of intersection therewith of the said southeasterly side of said Marble Hill avenue; thence northeasterly along the said southeasterly side of said Marble Hill avenue and the continuation thereof in a straight line forming also the southeasterly side of said Kingsbridge avenue sixty-five feet and fourteen one-hundredths of a foot (65.14) to the point or place of beginning.

—such conveyance to be in consideration of the sum of ninety-nine thousand nine hundred and fifty dollars ($99,950.00) the deed to be conditioned upon the fact that John C. Rodgers is owner of the lands adjacent those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Emma L. Moller, et al—Conveyance of All Right, Title and Interest of Lands Under the Waters of Spuyten Duyvil Creek (Cal. No. 111).

(On May 9, 1912, the petition of Emma L. Moller et al, in this matter was referred to the Comptroller, and is on file).

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 29, 1913.

To the Board of Estimate and Apportionment of the City of New York:

At a meeting of the Board of Estimate and Apportionment held May 2, 1912, there was referred to the Comptroller the Petition of Emma L. Moller, Cortlandt Godwin, George Gedney Godwin, Raynor Godwin, Waldo Shipman Godwin and Ada G. Randall, stating that they are the owners of certain premises consisting of land, and land under water, situate in the City of New York as shown on a map attached thereto. In their petition they state that they are desirous of acquiring all the right, title and interest of the City of New York in and to the land lying in the bed of the Spuyten Duyvil Creek and Harlem River abutting the above premises.

Under Chapter 615 of the Laws of 1904 the City of New York, acting by its Board of Estimate and Apportionment, is authorized to convey to the owner or owners of the adjacent lands on either side of Spuyten Duyvil Creek and the Harlem River, all the right, title and interest of the City of New York, including all that acquired by it under the provisions of said Act of, in and to the lands now or originally under the waters of the said Spuyten Duyvil Creek and of the Harlem River in which no interest or estate had been granted prior to the enactment of such act, upon such consideration as shall be proposed by the Board of Estimate and Apportionment and agreed to and complied with by any such owner or owners.

Subsequent to the receipt of this petition, petitions were received from all of the owners of lands adjacent to the Spuyten Duyvil Creek and Harlem River requesting conveyance to them of the City's interest in the bed of the creek. In the description contained in these petitions of the land requested to be released to them, each adjacent owner overlapped, and before I would take action upon any of them I suggested that all of the petitioners agree as to their descriptions.

Subsequently all the owners of the adjacent land on both sides of Spuyten Duyvil Creek and Harlem River between 225th street and Broadway and between Broadway and Kingsbridge avenue or Marble Hill avenue have agreed as to the respective boundaries and the extent of the portions or parcels of land now or originally under the waters of the said creek and river, and have amended their respective petitions so as to make the boundaries the same as contained in the agreement.

The lands requested to be released by the amended petitions of Emma L. Moller, Cortlandt Godwin, George Gedney Godwin, Raynor Godwin, Waldo Shipman Godwin and Ada G. Randall are situated as follows: One parcel lies on the easterly side of Spuyten Duyvil Creek about 630 feet south of Broadway, the other two parcels lying on the eastern side of old Spuyten Duyvil Creek, being divided by Broadway, and contain a total area of about 102,090 square feet, and have been appraised by the Bureau of Real Estate of the Finance Department at $105,750. This, to my mind, is a fair appraisal of the value of the property.

I therefore respectfully recommend that the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, authorize a conveyance to Emma L. Moller, Cortlandt Godwin, George Gedney Godwin, Raynor Godwin, Waldo Shipman Godwin and Ada G. Randall of all the right, title and interest of the City in and to the property located in the City of New York as contained in the description of the same hereto annexed, such conveyance to be in consideration of the sum of $105,750, the deed to be conditioned upon the fact that Emma L. Moller, Cortlandt Godwin, George Gedney Godwin, Raynor Godwin, Waldo Shipman Godwin and Ada G. Randall are owners of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment. Respectfully,

WM. A. PRENDERGAST, Comptroller.

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point on the westerly side of Exterior street in the Borough of The Bronx, as acquired by The City of New York on September 25, 1897, at a point therein where the southerly boundary line of the lands now of the New York State Realty and Teminal Company would intersect the same, said point being distant four hundred and twenty-nine feet and ninety one-hundredths of a foot (429.90) southerly as measured along the said westerly line of said Exterior street from the southeasterly side of Broadway as legally established; thence southeasterly along the said westerly side of Exterior street one hundred and eighty-eight feet and four one-hundredths of a foot (188.04) to an angle in the said westerly side of said Exterior street; thence southeasterly still along the westerly side of said Exterior street forty feet and seventy-one one-hundredths of a foot (40.71) to the northerly line of land of Emily M. Roemer; thence westerly along the said northerly line of land of Emily M. Roemer one hundred and sixty-one feet and seventy-seven one-hundredths of a foot (161.77) to the point of intersection therewith of the easterly bulkhead line laid out by the Commissioners of the Central Park under Chapter 697 of the Laws of 1867, and confirmed by Chapter 288, Laws of 1868, which said point of intersection is distant northerly as measured along the said easterly bulkhead line four hundred and sixty feet and seventy one-hundredths of a foot (460.70) from the northerly side of 225th street as legally established; thence southwesterly in a straight line one hundred and forty-nine feet and eighty-five one-hundredths of a foot (149.85) to a point in the center line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under Chapter 697 of the Laws of 1867, as aforesaid, which point is distant northerly as measured along the said center line four hundred and thirteen feet and seventy-nine one-hundredths of a foot (413.79) from the northerly line of 225th street as legally established; thence northerly along the said center line between the said easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park, as aforesaid, one hundred and eighty-nine feet and thirty-seven one-hundredths of a foot (189.37) to a point therein distant southerly three hundred and one feet and sixty one-hundredths of a foot (301.60) as measured along the said center line from the southeasterly side of Broadway as legally established; thence northeasterly one hundred and thirty-seven feet and sixty-four one-hundredths of a foot (137.64) in a straight line to a point in the said easterly bulkhead line as laid out by the said Commissioners of the Central Park, as aforesaid, where the southerly boundary line of lands now of the New York State Realty and Terminal Company intersects the same, said point being the southwesterly corner of the lands now of the said New York State Realty and Terminal Company, and said point being distant southerly three hundred and thirty-five feet and seventy-nine one-hundredths of a foot (335.79) from the southeasterly side of Broadway, as legally established, as measured along the said easterly bulkhead line laid out as aforesaid; thence northeasterly along the

southerly boundary line of land now of the New York State Realty and Terminal Company one hundred and thirty-three feet and thirty-six one-hundredths of a foot (133.36) to the point or place of beginning.

All that certain lot, piece or parcel of land situate, lying and being in the City of New York and bounded and described as follows:

Beginning on the southeasterly side of Broadway as legally established at the point of intersection therewith of the easterly bulkhead line as laid out by the Commissioners of the Central Park, under and pursuant to chapter 697 of the Laws of 1867, confirmed by Chapter 288, of the Laws of 1868, said point of intersection being distant southwesterly one hundred and fifty-nine feet and thirty-three one-hundredths of a foot (159.33) as measured along the said southeasterly side of Broadway from the southwesterly corner of said Broadway and Exterior street, Borough of The Bronx, acquired by the City of New York on September 25, 1897; thence southeasterly along the said easterly bulkhead laid out by the Commissioners of Central Park as aforesaid one hundred and fifty-five feet and eight one-hundredths of a foot (155.08) to the northwesterly corner of land now belonging to the New York State Realty and Terminal Company; thence along a line drawn from the point last reached to a point in the center line between the easterly and westerly bulkhead lines established by the Commissioners of the Central Park as aforesaid which is distant as measured along the same one hundred and thirty-nine feet and twenty-nine one-hundredths of a foot (139.29) from the southeasterly side of Broadway above mentioned one hundred and six feet and seventy-eight one-hundredths of a foot (106.78) to a point in a line drawn parallel with and twenty feet and forty-two one-hundredths of a foot (20.42) distant easterly from the said center line between said easterly and westerly bulkhead lines which said line so drawn parallel as aforesaid would intersect the said southeasterly side of Broadway at a point thereon distant southwesterly as measured along the same two hundred and sixty feet and thirty-seven one-hundredths of a foot (260.37) from the southwesterly corner of Broadway and Exterior street above mentioned; thence northwesterly along the said last mentioned line drawn parallel as aforesaid to the said center line between said easterly and westerly bulkhead lines one hundred and forty-two feet and sixty one-hundredths of a foot (142.60) to the point of intersection therewith of the said southeasterly side of Broadway above mentioned; thence northeasterly along the said southeasterly side of Broadway one hundred and one feet and four one-hundredths of a foot (101.04) to the point or place of beginning.

All that certain lot, piece or parcel of land situate, lying and being in the City of New York and bounded and described as follows:

Beginning at a point in the northwesterly side of Broadway, as legally established, where the same is intersected by the northerly and easterly bulkhead line as laid out and established by the Harbor Commissioners under and pursuant to an act known as Chapter 121 of the Laws of 1855 and confirmed by Chapter 763 of the Laws of 1857, said point being distant southwesterly as measured along the said northwesterly side of Broadway six feet and twenty-one one-hundredths of a foot (6.21) from the corner formed by the intersection of the said northwesterly side of Broadway with the southwesterly side of 230th street, as legally established, the said southwesterly line of said 230th street being also the northerly and easterly bulkhead line established by the Commissioners of Central Park under and pursuant to Chapter 697 of the Laws of 1867 and confirmed by Chapter 288 of the Laws of 1868; thence in a northerly and northwesterly direction along the said northerly and easterly Harbor Commissioners' Bulkhead Line of 1857, four hundred and eighty-three feet and one one-hundredths of a foot (483.01) to a point therein where the same would be intersected by the southeasterly line of land now of George L. Liebler, said point being the southeasterly corner of the land now of said George L. Liebler and being distant forty-seven feet and ten one-hundredths of a foot (47.10) from the southeasterly side of Kingsbridge avenue as laid out and shown upon a map adopted by the Board of Estimate of the City of New York on the 11th day of July, 1912, and filed in the office of the Register of New York County on the 18th day of February, 1913, as Map number 1709, as measured along the said northerly and easterly Harbor Commissioners' Bulkhead Line; thence southwesterly along a line forming a continuation of the southeasterly boundary line of the lands now of said George L. Liebler thirty-three feet and thirty-six one-hundredths of a foot (33.36) to a line drawn equi-distant between the easterly and westerly Harbor Commissioners' Bulkhead Lines of 1857 at a point thereon distant, as measured along the same, forty-four feet and sixty-one one-hundredths of a foot (44.61) from the said southeasterly side of said Kingsbridge avenue; thence southeasterly along said line drawn equi-distant between the said easterly and westerly Harbor Commissioners' Bulkhead Lines of 1857, one hundred and fifty-four feet and eight-six one-hundredths of a foot (154.86) to a point therein where a line drawn therefrom at right angles to the southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 would intersect the same at a point distant southeasterly as measured along the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 one hundred and ninety-three feet and fifty-six one-hundredths of a foot (193.56) from the southeasterly side of said Kingsbridge avenue; thence along said line drawn at right angles as aforesaid thirty-six feet and eight one-hundredths of a foot (36.08) to the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857; thence southeasterly along the said southerly and westerly Harbor Commissioners' Bulkhead Line of 1857 and the continuation thereof to the point of intersection therewith of the said northwesterly side of Broadway three hundred and eleven feet and sixty-five one-hundredths of a foot (311.65), which said point of intersection is distant northerly as measured along the said northwesterly side of Broadway one hundred and forty-four feet and twenty-seven one-hundredths of a foot (144.27) from the southerly and westerly bulkhead line established by the Commissioners of Central Park, as aforesaid; thence northeasterly along the said northwesterly side of Broadway seventy-six feet and thirty one-hundredths of a foot (76.30) to the point or place of beginning.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, hereby authorizes a conveyance to Emma L. Moller, Cortlandt Godwin, George Gedney Godwin, Raynor Godwin, Waldo Shipman Godwin and Ada G. Randall of all the right, title and interest of The City of New York in and to the property located in The City of New York, bounded and described as follows:

All that certain lot, piece or parcel of land situate, lying and being in the City of New York and bounded and described as follows:

Beginning at a point on the westerly side of Exterior street in the Borough of The Bronx, as acquired by The City of New York on September 25, 1897, at a point therein where the southerly boundary line of the lands now of the New York State Realty and Terminal Company would intersect the same, said point being distant four hundred and twenty-nine feet and ninety one-hundredths of a foot (429.90) southerly as measured along the said westerly line of said Exterior street from the southeasterly side of Broadway as legally established; thence southeasterly along the said westerly side of said Exterior street one hundred and eighty-eight feet and four one-hundredths of a foot (188.04) to an angle in the said westerly side of said Exterior street; thence southeasterly still along the westerly side of Exterior street forty feet and seventy-one one-hundredths of a foot (40.71) to the northerly line of land of Emily M. Roemer; thence westerly along the said northerly line of land of Emily M. Roemer one hundred and sixty-one feet and seventy-seven one-hundredths of a foot (161.77) to the point of interestction therewith of the eastery bulkhead line laid out by the Commissioners of the Central Park under chapter 697 of the Laws of 1867, and confirmed by chapter 288, Laws of 1868, which said point of intersection is distant northerly as measured along the said easterly bulkhead line four hundred and sixty feet and seventy one-hundredths of a foot (460.70) from the northerly side of 225th street as legally established; thence southwesterly in a straight line one hundred and forty-nine feet and eighty-five one-hundredths of a foot (149.85) to a point in the center line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under chapter 697 of the Laws of 1867, as aforesaid, which point is distant northerly as measured along the said center line four hundred and thirteen feet and seventy-nine one-hundredths of a foot (413.79) from the northerly line of 225th street as legally established; thence northerly along the said center line between the said easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park, as aforesaid, one hundred and eighty-nine feet and thirty-seven one-hundredths of a foot (189.37) to a point therein distant southerly three hundred and one feet and sixty one-hundredths of a foot (301.60) as measured along the said center line from the southeasterly side of Broadway as legally established; thence northeasterly one hundred and thirty-seven feet and sixty-four one-hundredths of a foot (137.64) in a straight line to a point in the said easterly bulkhead line as laid out by the said Commissioners of the Central Park, as aforesaid, where the southerly boundary line of lands now of the New York State Realty and Terminal Company intersects the same, said point being the southwesterly corner of the lands now of the said New York State Realty and Terminal Company, and said point being distant southerly three hundred and thirty-five feet and seventy-nine one-hundredths of a foot (335.79) from the southeasterly side of Broadway, as legally established, as measured along the said easterly bulkhead line laid out as aforesaid; thence northeasterly along the southerly boundary line of land now of the New York State Realty and Terminal Company one hundred and thirty-three feet and thirty-six one-hundredths of a foot (133.36) to the point or place of beginning.

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning on the southeasterly side of Broadway as legally established at the point of intersection therewith of the easterly bulkhead line as laid out by the Commissioners of the Central Park, under and pursuant to chapter 697 of the Laws of 1867, confirmed by chapter 288 of the Laws of 1868, said point of intersection being distant southwesterly one hundred and fifty-nine feet and thirty-three one-hundredths of a foot (159.33) as measured along the said southeasterly side of Broadway from the southwesterly corner of said Broadway and Exterior street, Borough of The Bronx, acquired by The City of New York on September 25, 1897; thence southeasterly along the said easterly bulkhead laid out by the Commissioners of Central Park as aforesaid one hundred and fifty-five feet and eight one-hundredths of a foot (155.08) to the northwesterly corner of land now belonging to The New York State Realty and Terminal Company; thence along a line drawn from the point last reached to a point in the center line between the easterly and westerly bulkhead lines established by the Commissioners of the Central Park as aforesaid which is distant as measured along the same one hundred and thirty-nine feet and twenty-nine one-hundredths of a foot (139.29) from the southeasterly side of Broadway above mentioned one hundred and six feet and seventy-eight one-hundredths of a foot (106.78) to a point in a line drawn parallel with and twenty feet and forty-two one-hundredths of a foot (20.42) distant easterly from the said center line between said easterly and westerly bulkhead lines which said line so drawn parallel as aforesaid would intersect the said southeasterly side of Broadway at a point thereon distant southwesterly as measured along the same two hundred and sixty feet and thirty-seven one-hundredths of a foot (260.37) from the southwesterly corner of Broadway and Exterior street above mentioned; thence northwesterly along the said last mentioned line drawn parallel as aforesaid to the said center line between said easterly and westerly bulkhead lines one hundred and forty-two feet and sixty one-hundredths of a foot (142.60) to the point of intersection therewith of the said southeasterly side of Broadway above mentioned; thence northeasterly along the said southeasterly side of Broadway one hundred and one feet and four one-hundredths of a foot (101.04) to the point or place of beginning.

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point in the northwesterly side of Broadway, as legally established, where the same is intersected by the northerly and easterly bulkhead line as laid out and established by the Harbor Commissioners under and pursuant to an Act known as chapter 121 of the Laws of 1855 and confirmed by chapter 763 of the Laws of 1857, said point being distant southwesterly as measured along the said northwesterly side of Broadway six feet and twenty-one one-hundredths of a foot (6.21) from the corner formed by the intersection of the said northwesterly side of Broadway with the southwesterly side of 230th street, as legally established, the said southwesterly line of said 230th street being also the northerly and easterly bulkhead line established by the Commissioners of Central Park under and pursuant to chapter 697 of the Laws of 1867, and confirmed by chapter 288 of the Laws of 1868; thence in a northerly and northwesterly direction along the said northerly and easterly Harbor Commissioners' bulkhead line of 1857 four hundred and eighty-three feet and one one-hundredths of a foot (483.01) to a point therein where the same would be intersected by the southeasterly line of land now of George L. Liebler, said point being the southeasterly corner of the land now of said George L. Liebler and being distant forty-seven feet and ten one-hundredths of a foot (47.10) from the southeasterly side of Kingsbridge avenue as laid out and shown upon a map adopted by the Board of Estimate of The City of New York on the 11th day of July, 1912, and filed in the office of the Register of New York County on the 18th day of February, 1913, as Map Number 1709, as measured along the said northerly and easterly Harbor Commissioners' bulkhead line; thence southwesterly along a line forming a continuation of the southeasterly boundary line of the lands now of said George L. Liebler thirty-three feet and thirty-six one-hundredths of a foot (33.36) to a line drawn equi-distant between the easterly and westerly Harbor Commissioners' bulkhead line of 1857 at a point thereon distant, as measured along the same, forty-four feet and sixty-one one-hundredths of a foot (44.61) from the said southeasterly side of said Kingsbridge avenue; thence southeasterly along said line drawn equi-distant between the said easterly and westerly Harbor Commissioners' bulkhead lines of 1857 one hundred and fifty-four feet and eighty-six one-hundredths of a foot (154.86) to a point therein where a line drawn therefrom at right angles to the southerly and westerly Harbor Commissioners' bulkhead line of 1857 would intersect the same at a point distant southeasterly as measured along the said southerly and westerly Harbor Commissioners' bulkhead line of 1857 one hundred and ninety-three feet and fifty-six one-hundredths of a foot (193.56) from the southeasterly side of said Kingsbridge avenue; thence along said line drawn at right angles as aforesaid thirty-six feet and eight one-hundredths of a foot (36.08) to the said southerly and westerly Harbor Commissioners' bulkhead line of 1857; thence southeasterly along the said southerly and westerly Harbor Commissioners' bulkhead line of 1857 and the continuation thereof to the point of intersection therewith of the said northwesterly side of Broadway three hundred and eleven feet and sixty-five one-hundredths of a foot (311.65), which said point of intersection is distant northerly as measured along the said northwesterly side of Broadway one hundred and forty-four feet and twenty-seven one-hundredths of a foot (144.27) from the southerly and westerly bulkhead line established by the Commissioners of Central Park, as aforesaid; thence northeasterly along the said northwesterly side of Broadway seventy-six feet and thirty one-hundredths of a foot (76.30) to the point or place of beginning.

—such conveyance to be in consideration of the sum of one hundred and five thousand seven hundred and fifty dollars ($105,750), the deed to be conditioned upon the fact that Emma L. Moller, Cortlandt Godwin, George Gedney Godwin, Raynor Godwin, Waldo Shipman Godwin and Ada G. Randall are owners of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

George L. Liebler—Conveyance of All Right, Title and Interest of Lands Under the Waters of Spuyten Duyvil Creek (Cal. No. 112).

(On April 11, 1912, the petition of George L. Liebler, in this matter, was referred to the Comptroller and is on file.)

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 29, 1913.

To the Board of Estimate and Apportionment of The City of New York.

At a meeting of the Board of Estimate and Apportionment held April 11, 1912, there was referred to the Comptroller the petition of George L. Liebler, stating that he is the owner of certain premises consisting of land, and land under water, situate in The City of New York as shown on a map attached thereto. In his petition he states that he is desirous of acquiring all the right, title and interest of The City of New York in and to the land lying in the bed of the Spuyten Duyvil creek and Harlem River abutting the above premises.

Under chapter 615 of the Laws of 1904, The City of New York, acting by its Board of Estimate and Apportionment, is authorized to convey to the owner or owners of the adjacent lands on either side of Spuyten Duyvil Creek and the Harlem River, all the right, title and interest of The City of New York, including all that acquired by it under the provisions of said Act of, in and to the lands now or

originally under the waters of the said Spuyten Duyvil Creek and of the Harlem River in which no interest or estate had been granted prior to the enactment of such act, upon such consideration as shall be proposed by the Board of Estimate and Apportionment and agreed to and complied with by any such owner or owners.

Subsequent to the receipt of this petition, petitions were received from all of the owners of lands adjacent to the Spuyten Duyvil Creek and Harlem River requesting conveyance to them of the City's interest in the bed of the creek. In the description contained in these petitions of the land requested to be released to them, each adjacent owner overlapped, and before I would take action upon any of them I suggested that all of the petitioners agree as to their descriptions.

Subsequently all the owners of the adjacent land on both sides of Spuyten Duyvil Creek and Harlem River between 225th street and Broadway and between Broadway and Kingsbridge avenue or Marble Hill avenue have agreed as to the respective boundaries and the extent of the portions or parcels of land now or originally under the waters of the said creek and river, and have amended their respective petitions so as to make the boundaries the same as contained in the agreement.

The lands requested to be released by the amended petition of George L. Liebler are situated on The Bronx side of Spuyten Duyvil Creek at Marble Hill avenue, or Kingsbridge avenue, and contain an area of about 1,580 square feet, and have been appraised by the Bureau of Real Estate of the Finance Department at $2,000. This, to my mind, is a fair appraisal of the value of the property.

I therefore respectfully recommend that the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, authorize a conveyance to George L. Liebler of all the right, title and interest of the City in and to the property located in the City of New York as contained in the description of the same hereto annexed, such conveyance to be in consideration of the sum of $2,000, the deed to be conditioned upon the fact that George L. Liebler is owner of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Respectfully, WM. A. PRENDERGAST, Comptroller.

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point in the southeasterly side of Kingsbridge avenue as laid out and shown upon a map adopted by the Board of Estimate and Apportionment of The City of New York on the 11th day of July, 1912, and filed in the office of the Register of New York County on the 18th day of February, 1913, as map number 1709, where the southwesterly line of the land of George L. Liebler, being also the northerly and easterly bulkhead line as laid out and established by the Harbor Commissioners under and pursuant to act known as chapter 121 of the Laws of 1855, and confirmed by chapter 763 of the Laws of 1857, would intersect the same, said point being distant one hundred and thirty-three feet and eighty-four one-hundredths of a foot (133.84) from the corner formed by the intersection of the said southeasterly side of said Kingsbridge avenue with the southwesterly side of 230th street as legally established, the said southwesterly line of said 230th street being also the northerly and easterly bulkhead line established by the Commissioners of the Central Park under and pursuant to chapter 697 of the Laws of 1867, and confirmed by chapter 288 of the Laws of 1868, thence southeasterly along the southwesterly boundary line of said land of George L. Liebler forty-seven feet and ten one-hundredths of a foot (47.10) to the southeasterly corner of land of said George L. Liebler; thence southwesterly along a line forming a continuation of the southeasterly boundary line of land of the said George L. Liebler thirty-three feet and thirty-six one-hundredths of a foot (33.36) to a point in a line drawn equidistant between the said easterly and westerly Harbor Commissioners' Bulkhead Lines of 1857 which said point is distant southeasterly, as measured along the said line drawn equidistant between the said easterly and westerly Harbor Commissioners' Bulkhead lines of 1857 forty-four feet and sixty-one one-hundredths of a foot (44.61) from the said southeasterly side of said Kingsbridge avenue; thence northeasterly along the said line drawn equidistant between the said easterly and westerly Harbor Commissioners' Bulkhead Lines of 1857, forty-four feet and sixty-one one-hundredths of a foot (44.61) to the said southeasterly side of Kingsbridge avenue, thence northeasterly along the said southeasterly side of Kingsbridge avenue thirty-two feet and eighty-two one-hundredths of a foot (32.82) to the southwesterly corner of land of George L. Liebler at the point or place of beginning.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to Chapter 615 of the Laws of 1904, hereby authorizes a conveyance to George L. Liebler of all the right, title and interest of The City of New York in and to the property located in The City of New York, bounded and described as follows:

All that certain lot, piece or parcel of land situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point in the southeasterly side of Kingsbridge avenue as laid out and shown upon a map adopted by the Board of Estimate and Apportionment of The City of New York on the 11th day of July, 1912, and filed in the office of the Register of New York County on the 18th day of February, 1913, as map number 1709, where the southwesterly line of the land of George L. Liebler, being also the northerly and easterly bulkhead line as laid out and established by the Harbor Commissioners under and pursuant to act known as Chapter 121 of the Laws of 1855, and confirmed by Chapter 763 of the Laws of 1857, would intersect the same, said point being distant one hundred and thirty-three feet and eighty-four one-hundredths of a foot (133.84) from the corner formed by the intersection of the said southeasterly side of said Kingsbridge avenue with the southwesterly side of 230th street as legally established, the said southwesterly line of said 230th street being also the northerly and easterly bulkhead line established by the Commissioners of the Central Park under and pursuant to Chapter 697 of the Laws of 1867, and confirmed by Chapter 288 of the Laws of 1868, thence southeasterly along the southwesterly boundary line of said land of George L. Liebler forty-seven feet and ten one-hundredths of a foot (47.10) to the southeasterly corner of land of said George L. Liebler; thence southwesterly along a line forming a continuation of the southeasterly boundary line of land of the said George L. Liebler thirty-three feet and thirty-six one-hundredths of a foot (33.36) to a point in a line drawn equidistant between the said easterly and westerly Harbor Commissioners Bulkhead Lines of 1857, which said point is distant southeasterly, as measured along the said line drawn equidistant between the said easterly and westerly Harbor Commissioners Bulkhead Lines of 1857 forty-four feet and sixty-one one-hundredths of a foot (44.61) from the said southeasterly side of said Kingsbridge avenue; thence northeasterly along the said line drawn equi-distant between the said easterly and westerly Harbor Commissioners Bulkhead Lines of 1857, forty-four feet and sixty-one one-hundredths of a foot (44.61) to the said southeasterly side of Kingsbridge avenue, thence northeasterly along the said southeasterly side of Kingsbridge avenue thirty-two feet and eighty-two one-hundredths of a foot (32.82) to the southwesterly corner of land of George L. Liebler at the point or place of beginning.

—such conveyance to be in consideration of the sum of two thousand dollars ($2,000), the deed to be conditioned upon the fact that George L. Liebler is owner of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Correction—Establishment of Position of Foreman of Stables (Cal. No. 113).

The Secretary presented:

Report of the Committee on Salaries and Grades recommending the establishment of the position of Foreman of Stables, in the Department of Correction, with salary at the rate of $4 per diem.

(On July 3, 1913, the request of the Commissioner of Correction for the establishment of the position of Foreman of Stables, with salary at the rate of $1,500 per annum, was referred to the Committee on Salaries and Grades.)

Which was laid over until August 28, 1913.

President, Borough of Manhattan—Establishment of Grades of Superintendent and of Foreman (Cal. No. 114).

(July 3, 1913, the request of the President of the Borough for the establishment of the above grades was referred to the Committee on Salaries and Grades.)

The Secretary presented the following:

City of New York, Office of the President of the Borough of Manhattan, City Hall, July 1, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—Request is hereby made that the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Charter, recommend to the Board of Aldermen the establishment of the following positions and grades under the jurisdiction of the President of the Borough of Manhattan:

Title.	Salary.	Incumbent.
Superintendent, per annum	$3,500 00	1
Foreman, per diem	$6 00	1

The Superintendent is to be placed in charge of the new Municipal Asphalt Plant, and will direct all the activities in connection therewith.

The Foreman will act as an assistant to the Superintendent and supervise the actual work of laying asphalt throughout the Borough of Manhattan.

It is requested that prompt action be taken upon this request in order that it may reach the Board of Aldermen before that body adjourns for the summer vacation.

Very truly yours, E. V. FROTHINGHAM, Acting President of the Borough of Manhattan.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 1, 1913, the President of the Borough of Manhattan requested establishment in his office of the following grades of positions:

Title.	Rate.	Incumbents.
Superintendent, per annum	$3,500 00	1
Foreman, per day	$6 00	1

In connection therewith we report as follows:

The proposed grades are desired in connection with the operation of the new Municipal Aspalt Plant. The Superintendent is to be in full charge of the plant and the Foreman is to act as his assistant, and also to supervise the laying of asphalt in the Borough of Manhattan. Investigation indicates that the highest compensation paid to such employees by private asphalt companies operating in The City of New York is $3,000 per annum and $5 per day, respectively. No reason is apparent why the City should pay more for such work than the highest rate paid by private employers. The grade of Superintendent, at $3,000 per annum, and the grade of Foreman, at $5 per day, are already established in the office of the President of the Borough of Manhattan, for an unlimited number of incumbents.

In view of the above we recommend that the request be not approved.

Respectfully, WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby *disapproves* of the request of the President of the Borough of Manhattan, as set forth in a communication dated July 1, 1913, for the establishment of the grades of positions of Superintendent at thirty-five hundred dollars ($3,500) per annum, and of Foreman at six dollars ($6) per diem, for one incumbent for each grade.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The Secretary was directed to transmit a copy of the report of the Committee on Salaries and Grades to the President of the Borough of Manhattan.

New York State Realty and Terminal Company—Conveyance of All the Right, Title and Interest of Lands Under the Waters of Spuyten Duyvil Creek (Cal. No. 115).

(On August 19, 1912, the petition of the New York State Realty and Terminal Company in this matter was referred to the Comptroller and is on file.)

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 29, 1913.

To the Board of Estimate and Apportionment of the City of New York:

At a meeting of the Board of Estimate and Apportionment held August 19, 1912, there was referred to the Comptroller the Petition of the New York State Realty and Terminal Company, stating that it is the owner of certain premises consisting of land, and land under water, situate in the City of New York as shown on a map attached thereto. In its petition it states that it is desirous of acquiring all the right, title and interest of the City of New York in and to the land lying in the bed of the Spuyten Duyvil Creek and Harlem River abutting the above premises.

Under chapter 615 of the Laws of 1904, the City of New York, acting by its Board of Estimate and Apportionment, is authorized to convey to the owner or owners of the adjacent lands on either side of Spuyten Duyvil Creek and the Harlem River, all the right, title and interest of the City of New York, including all that acquired by it under the provisions of said Act of, in and to the lands now or originally under the waters of the said Spuyten Duyvil Creek of the Harlem River in which no interest or estate had been granted prior to the enactment, of such act, upon such consideration as shall be proposed by the Board of Estimate and Apportionment and agreed to and complied with by any such owner or owners.

Subsequent to the receipt of this petition, petitions were received from all of the owners of lands adjacent to the Supyten Duyvil Creek and Harlem River requesting conveyance to them of the City's interest in the bed of the creek. In the description contained in these petitions of the land requested to be released to them, each adjacent owner overlapped, and before I would take action upon any of them I suggested that all of the petitioners agree as to their descriptions.

Subsequently all the owners of the adjacent land on both sides of Spuyten Duyvil Creek and Harlem River between 225th street and Broadway and between Broadway and Kingsbridge avenue or Marble Hill avenue have agreed as to the respective boundaries and the extent of the portions or parcels of land now or originally under the waters of the said creek and river, and have amended their respective petitions so as to make the boundaries the same as contained in the agreement.

The lands requested to be released by the amended petition of the New York State Realty and Terminal Company are situated on the easterly side of Spuyten Duyvil Creek and between the premises requested to be released by Emma L. Moller and others, and contains an area of about 20,568 square feet, and has been appraised by the Bureau of Real Estate of the Finance Department at $8,252. This, to my mind, is a fair appraisal of the value of the property.

I therefore respectfully recommend that the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, authorizes a conveyance to the New York State Realty and Terminal Company of all the right, title and interest of the City in and to the property located in the City of New York as contained in the description of the same hereto annexed, such conveyance to be in consideration of the sum of $8,252, the deed to be conditioned upon the fact that the New York State Realty and Terminal Company is owner of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment. Respectfully,

WM. A. PRENDERGAST, Comptroller.

All that certain lot, piece or parcel of land, situate, lying and being in The City of New York and bounded and described as follows:

Beginning at a point on the easterly bulkhead line of the Harlem River, or Spuyten Duyvil Creek, as laid out by the Commissioners of the Central Park under Chapte-

697, Laws of 1867, and confirmed by chapter 288, Laws of 1868, distant one hundred and fifty-five feet and eight one-hundredths of a foot (155.08) as measured along the said easterly bulkhead line from the southeasterly side of Broadway as legally established, said point forming the northwesterly corner of the lands now of the New York State Realty & Terminal Company; thence southeasterly along the said easterly bulkhead line one hundred and eighty feet and seventy-one one-hundredths of a foot (180.71) to the point of intersection therewith of the southerly boundary line of the land of the said New York State Realty & Terminal Company, said point being the southwesterly corner of said land now of the New York State Realty & Terminal Company; thence southwesterly in a straight line one hundred and thirty-seven feet and sixty-four one-hundredths of a foot (137.64) to a point in the center line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under chapter 697, Laws of 1867, as aforesaid, which point is distant three hundred and one feet and sixty one-hundredths of a foot (301.60) as measured along the said center line from the said southeasterly side of Broadway; thence northerly along the said center line one hundred and sixty-two feet and thirty-one one-hundredths of a foot (162.31) to a point on said center line distant one hundred and thirty-nine feet and twenty-nine one-hundredths of a foot (139.29) as measured along the same from the said southeasterly side of Broadway; thence northeasterly in a straight line one hundred and twenty-nine feet and thirty-two one-hundredths of a foot (129.32) to a point in the easterly bulkhead line laid out by the said Commissioners of the Central Park, as aforesaid, the point or place of beginning.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to chapter 615 of the Laws of 1904, hereby authorizes a conveyance to the New York State Realty and Terminal Company of all the right, title and interest of The City of New York in and to the property located in The City of New York, bounded and described as follows:

All that certain lot, piece or parcel of land, situate, lying and being in The City of New York, and bounded and described as follows:

Beginning at a point on the easterly bulkhead line of the Harlem River, or Spuyten Duyvil Creek, as laid out by the Commissioners of the Central Park under chapter 697, Laws of 1867, and confirmed by chapter 288, Laws of 1868, distant one hundred and fifty-five feet and eight one-hundredths of a foot (155.08) as measured along the said easterly bulkhead line from the southeasterly side of Broadway as legally established, said point forming the northwesterly corner of the lands now of the New York State Realty and Terminal Company; thence southeasterly along the said easterly bulkhead line one hundred and eighty feet and seventy-one one-hundredths of a foot (180.71), to the point of intersection therewith of the southerly boundary line of the land of the said New York State Realty and Terminal Company, said point being the southwesterly corner of said land now of the New York State Realty and Terminal Company; thence southwesterly in a straight line one hundred and thirty-seven feet and sixty-four one-hundredths of a foot (137.64) to a point in the centre line between the easterly and westerly bulkhead lines laid out by the Commissioners of the Central Park under chapter 697, Laws of 1867, as aforesaid, which point is distant three hundred and one feet and sixty one-hundredths of a foot (301.60), as measured along the said centre line from the said southeasterly side of Broadway; thence northerly along the said centre line one hundred and sixty-two feet and thirty-one one-hundredths of a foot (162.31) to a point on said centre line distant one hundred and thirty-nine feet and twenty-nine one-hundredths of a foot (139.29), as measured along the same from the said southeasterly side of Broadway; thence northeasterly in a straight line one hundred and twenty-nine feet and thirty-two one-hundredths of a foot (129.32), to a point in the easterly bulkhead line laid out by the said Commissioners of the Central Park, as aforesaid, the point or place of beginning.

—such conveyance to be in consideration of the sum of eight thousand two hundred and fifty dollars ($8,250), the deed to be conditioned upon the fact that the New York State Realty and Terminal Company is owner of the lands adjacent to those to be conveyed on either side of the said Spuyten Duyvil Creek or of the said Harlem River, and not to be delivered until evidence has been furnished that all taxes, assessments and other liens against the premises to be conveyed and the premises adjacent thereto have been paid, and until an agreement between the various adjacent owners agreeing as to the description of the lands to which they are entitled has been filed with the Board of Estimate and Apportionment.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

New York Terminal Company—Purchase of All the Right, Title and Interest in Awards for Damage Map Parcel B, F, G, K (Cal. No. 116).

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 29, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Pursuant to an order of the New York Supreme Court, Second Department, dated August 1, 1910, Commissioners of Estimate were appointed "in the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands, filled in lands, lands and lands under water, wharf property, wharfage rights, terms, easements, emoluments and privileges of and to the uplands, filled in lands, lands and lands under water, at and near the foot of Broadway, in the Borough of Brooklyn, in The City of New York, for ferry purposes, pursuant to the provisions of Section 824-a of the Greater New York Charter as amended by Chapter 331 of the Laws of 1909."

Title in this property vested in The City of New York on September 16, 1910. The award made by the Commissioners in this proceeding for parcels B, F, G and K, which were owned by The New York Terminal Company, was $1,555,500, with interest, running from the date of vesting of title to August 6, 1912, amounting to $176,290.

The motion of counsel for the property owners for the confirmation of this report was opposed by the Corporation Counsel and was denied by the Supreme Court. From the order denying the motion, an appeal has been taken to the Appellate Division.

Messrs. Davies, Auerbach & Cornell, attorneys for The New York Terminal Company, made an offer to me to settle this action for $1,000,000 with interest at the rate of 6 per cent. from September 16, 1910, which offer I refused to consider, and I thereafter received a communication from them stating that they are of the opinion that the pending appeal would result in the reversal of the order of the Special Term and in the affirmance of the award, but, nevertheless, the collection of the award would undoubtedly be delayed by an appeal by the City to the Court of Appeals, and in the event of the Court of Appeals sustaining the lower Court, a final determination and the payment of the award would be postponed for a number of years; that while during this delay the award would draw interest at the rate of 6 per cent. from September 16, 1910, their clients are confronted with a foreclosure suit, and that they have advised them in order to arrive at an immediate settlement, to receive in settlement therefor, the sum of $1,000,000, with interest at 4½ per cent., from September 16, 1910.

I submitted this offer to the Corporation Counsel and requested him to let me hear from him as soon as possible. In a communication under date of July 23, 1913, the Corporation Counsel stated that he approved of the settlement as stated in the letter of Messrs. Davies, Auerbach and Cornell. He further stated that assuming the appellants would be unable to procure a reversal of the order of the Special Term, a retrial of the proceeding would undoubtedly take considerable time and any award made would draw interest at 6 per cent. from September 16, 1910; that the lowest amount testified to in the proceeding by the experts for the claimants was $2,648,960, and the highest amount testified to by the experts for the City was $848,100; that there is no way of determining, in the event of a retrial, what the award made would be, but assuming that it would be even less than the million dollars, at which it is now proposed to settle the matter for, the interest at 6 per cent. would probably make the total figure greater than the amount named in the letter of Davies, Auerbach & Cornell, besides which the City would have to pay the expenses of the retrial of the proceeding, and he states that in his opinion it would be advantageous to the City to accept the offer made.

The report of the Commissioners awarded to The New York Terminal Company, as owners of Damage Parcels B, F, G and K, the sum of $1,555,500, with interest at 6 per cent. from September 16, 1910, to August 6, 1912, amounting to $176,290. Interest on the one million dollars at 4½ per cent. from September 16, 1910, to July 16, 1913, amounts to $127,500.

After further negotiating, I have been able to obtain from Messrs. Davies, Auerbach & Cornell a modification of their previous offer by reducing the rate of interest from 4½ per cent. to 4 per cent. This would be a saving of more than $14,000 for that period. The settlement, to my mind, is a very advantageous one to the City.

I therefore respectfully recommend that the Board of Estimate and Apportionment authorize the purchase on behalf of The City of New York from The New York Terminal Company, for the sum of $1,000,000, with interest at the rate of 4 per cent. per annum from September 16, 1910, of all its right, title and interest in the award or awards or any part thereof, being every right, title and interest in and to every award for every interest, for Damage Map Parcels B, F, G and K, as shown on the damage map in the proceeding entitled, "In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands, filled in lands, lands and lands under water, wharf property, wharfage rights, terms, easements, emoluments and privileges of and to the uplands, filled in lands, lands and lands under water, at and near the foot of Broadway, in the Borough of Brooklyn, in The City of New York, for ferry purposes, pursuant to the provisions of section 824-a of the Greater New York Charter as amended by chapter 331 of the Laws of 1909," dated July 2, 1912, and that the Corporation Counsel be instructed to obtain releases, assignments or other instruments necessary, so as to be able to certify as to the marketability of the title.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby authorizes the purchase on behalf of The City of New York from the New York Terminal Company for the sum one million dollars ($1,000,000), with interest at the rate of 4 per cent per annum from September 16, 1910, of all its right, title and interest in the award or awards or any part thereof (being every right, title and interest in and to every award for every interest) for damage map parcels B, F, G and K, as shown on the damage map in the proceeding entitled, "In the matter of the application of The City of New York, acting by and through the Commissioner of Docks, relative to acquiring right and title to and possession of certain uplands, filled in lands, lands and lands under water, wharf property, wharfage rights, terms, easements, emoluments and privileges of and to the uplands, filled in lands, lands and lands under water, at and near the foot of Broadway, in the Borough of Brooklyn, in The City of New York, for ferry purposes, pursuant to the provisions of section 824A of the Greater New York Charter, as amended by chapter 331 of the Laws of 1909," dated July 2, 1912, and the Corporation Counsel be and he is hereby instructed to obtain releases, assignments or other instruments necessary, so as to be able to certify as to the marketability of the title.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

J. W. Pratt Company—Claim of (Cal. No. 117).

(On October 26, 1911, this claim was referred to the Comptroller.)

The Secretary presented the following:

City of New York, Department of Finance, Comptroller's Office, July 30, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—Under and pursuant to the provisions of section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907 of the State of New York, as amended, entitled "An act to amend the Greater New York Charter in relation to the powers of the Board of Estimate and Apportionment," I hereby certify that a claim has been presented by the J. W. Pratt Company, a corporation incorporated under the Laws of the State of New York, for the sum of $1,637.64, which is alleged to be due for printing done and the furnishing of stationery and supplies to the Department of Public Charities of The City of New York, from October 22, 1898, to December 13, 1902, inclusive; that two actions, in which the total amount of recovery is sought is $1,549.04, were instituted in connection with the subject matter of this claim, January 16 and March 26, 1903, respectively; that the Acting Corporation Counsel, in an opinion rendered to the Department of Finance, under date of March 27, 1913, states that this claim is a proper subject for consideration under the statutory provision above cited; that an investigation of the facts on which said claim is based disclosed that the printing and supplies for which payment is requested were furnished on informal orders received from various representatives of the Department of Pubic Charities; that no payment has been made by the City heretofore in connection therewith; that some of the items for which payment is sought are barred from consideration by the Statute of Limitation; that the then Commissioner of the Department of Public Charities failed to issue certificates of necessity covering the printing and supplies in question, as is prescribed by section 419 of the Greater New York Charter; that therefore this claim is illegal and invalid against The City of New York, but notwithstanding, in my judgment, it is equitable and proper for the City to pay said claim, inasmuch as it has received a benefit from the same, and that $850, which sum represents the actual outlay of claimant company, without profit or interest, and is the value of the benefit received by the City, is the amount which should be paid in full satisfaction thereof. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to section 246 of the Greater New York Charter, being chapter 601 of the Laws of 1907, as amended, the Board of Estimate and Apportionment hereby determines that the City has received a benefit from the J. W. Pratt Company, and is justly and equitably obligated to pay to the said J. W. Pratt Company, without interest, the sum of eight hundred and fifty dollars ($850), for printing and supplies furnished to the Department of Public Charities of The City of New York, from October 22, 1898, to December 13, 1902, inclusive; that the said sum shall be paid in full satisfaction of the claim which has been presented on behalf of the J. W. Pratt Company for the printing and supplies above mentioned; that the interests of the City will be best subserved by the payment thereof, and that said sum shall be paid only upon the execution by the said company of a full release in favor of the City, together with the execution of a stipulation consenting to the discontinuance of the actions instituted by said company, without costs, which stipulation and release aforesaid shall be in such form as may be approved by the Corporation Counsel, and the Comptroller is hereby authorized to pay said claim as follows: Three hundred and fifty-six dollars and seventy-two cents ($356.72) from the fund entitled "Revenue Bond Fund for Claims, to Be Reimbursed from the General Fund," Code No. R. C. L.—11B, and four hundred and ninety-three dollars and twenty-eight cents ($493.28), from the account entitled "Revenue Bond Fund for Claims, Miscellaneous," Code No. R. C. L.—11.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Docks and Ferries—Report of Terminal Committee on South Brooklyn Marginal Railroad (Cal. No. 118).

The Secretary presented:

Report of the Terminal Committee on the South Brooklyn Marginal Railroad.

(This matter was considered in connection with No. 36 on the Financial Calendar.)

(See Public Improvement Minutes, Cal. No. 103.)

Board of Aldermen—Transfer of Appropriation (Cal. No. 119).

The Secretary presented:

Report of the Comptroller in the matter of the request of the Chairman of the Finance Committee of the Board of Aldermen for the transfer of $2,000 to meet the expenses of the Police Investigation Committee.

Which was withdrawn by the Comptroller.

Supreme Court, Second Department—Site for New Court House (Cal. No. 120).

The Secretary presented the following:

The City of New York, Department of Finance, Comptroller's Office.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—In 1909 the Justices of the Supreme Court, the Second District, were authorized by chapter 390 of the laws of that year to select a site for a new court

house and recommend such selection to the Board of Estimate and Apportionment. Early in the year 1910 the Board of Justices selected the site bounded by Court, Livingston, Clinton and State streets. A committee of the Justices appeared before your Board and urged the acquirement of this site. It was determined that the question should be referred to the Commissioners of the Sinking Fund, and this was done.

In December, 1911, the Commissioners of the Sinking Fund adopted a resolution to the effect that the Justices of the Supreme Court of the Second District constituted the proper authority to select the site for a new court house and the question was then referred to the Board of Estimate and Apportionment in order that the property might be acquired.

At the time this site was first offered, and for some time subsequent, it was the opinion of the city authorities that its cost would be greater than the City would be justified in incurring, and for this reason no definite action was taken. During the year 1911, however, the attention of many interested residents of Brooklyn was directed toward the settlement of a number of public improvements, of which the borough was then and is now very much in need. A committee was organized and much useful work was done in endeavoring to decide upon some comprehensive plan that would involve all or most of the public improvements desired, but, while this work was most commendable, it did not lead to any positive results.

Early this year the Justices of the Second Division again called attention to the necessity for providing the Supreme Court with ample and proper accommodations which in the opinion of the Judges could only be secured by the erection of a new court house, and the site originally selected (Court, Livingston, Clinton and State streets) was again recommended to the favorable attention of the Board of Estimate and Apportionment.

Public discussion of the court house question developed again a demand that such public improvements as a new terminal for the Brooklyn entrance to the Brooklyn Bridge, a better approach to that bridge, the removal of the elevated railroad tracks from lower Fulton street, and the new Municipal Building, deserved just as much earnest and timely attention as the need of a new court house. With a view to concentrating discussion and sentiment upon some definite plan, I took the liberty of suggesting to Mr. Frederic B. Pratt, of Brooklyn, that he endeavor to effect a meeting of those interested as citizens and officials in developing the best plan for Brooklyn's improvement. Mr. Pratt accepted this suggestion and appointed a committee, consisting of the following, to discuss all phases of Brooklyn's needed public improvements: Frederick B. Pratt, Edward M. Bassett, Frank M. Brooks, Alexander McKinny, Frank C. Munson, James H. Post, Charles A. Schieren, Alfred T. White, Howard O. Wood, Edward C. Blum.

The result of the work of this committee is to be found in the two reports which it has made to the Comptroller, the main report dated June 21, 1913, and the supplemental report dated July 26, 1913, copies of which I desire to hand you herewith and ask that they be made a part of this report.

As very complete publicity has been given to the plans proposed by this committee for Brooklyn's betterment, a further discussion of them in this report is unnecessary. The plans, however, deal comprehensively with the placing of a new court house upon what is called the present court house site, additional room to be acquired by the razing of the old Municipal Building, and the acquirement of all the property facing on Court street not now owned by the City, and the Polytechnic Institute property; the erection of a municipal building on a plaza which will form an approach from the Borough Hall to the Brooklyn Bridge, the elimination of the elevated railroad structure from lower Fulton street, the relocation of the elevated lines on Adams street, and a new bridge terminal.

This plan would be feasible at as early a time as the necessary funds could be provided for its fulfillment were it not for the fact that there stands upon the record the action of the Honorable Justices of the Second Division in selecting what is called the Court, Livingston, Clinton and State streets site for the new court house. Basing calculations upon the assessed values of properties to be acquired, the present court house site would be the least expensive one for the City to use. In view of the fact that it is advisable to provide Brooklyn with these very much needed improvements at as early a time as possible consistent with the City's financial availability, I respectfully suggest that your Board request the Honorable Justices of the Supreme Court of the Second Division to reconsider their action in selecting the so-called Court street site and in its place designate as a proper site for a new court house the present court house site, subject to the extension in the available area of that site already described in this report. Respectfully,

WM. A. PRENDERGAST, Comptroller.

Department of Finance, City of New York, April 18, 1913.

Mr. FREDERIC B. PRATT, *Pratt Institute,* Brooklyn, New York:

Dear Mr. Pratt—It appears to me that the time has now arrived when some definite policy should be formulated regarding a number of needed improvements in the Borough of Brooklyn, with particular reference to a settlement of the court house, bridge terminal and other questions. We have had considerable discussion regarding these matters, and, while this discussion has developed, as it naturally would, many divergent views, I am confident that it has also served a most useful purpose because now we all have a much better idea of the work that has to be undertaken and the importance of intelligent and united action governing it.

It is very necessary that some one should take the lead, and I therefore suggest that you endeavor at the earliest possible time to effect a meeting of those interested as citizens and officials in developing the best plan for Brooklyn's improvement, with a view to having a definite policy proposed and so determined at this time that the only thing necessary in the future will be the authorization of the funds to carry the plan into effect.

There should be a civic centre in Brooklyn. We have a nucleus of such a centre in the present Borough Hall. We need a new terminal for the Brooklyn entrance of the Brooklyn Bridge, a better approach to that bridge by the present elevated railroad lines, the removal of the elevated railroad tracks from lower Fulton street, a new court house, a new municipal building and a thorough improvement of that section running from the intersection of Myrtle avenue and Washington street to the terminal of the Brooklyn Bridge, using this improved section for the purpose of carrying out a general beautification of the proposed civic centre.

All of these things cannot be done at once, but they are all a part of what should be a general plan. I believe that if the subject be approached in a spirit of civic patriotism a general plan can be developed which will mean the ultimate procurement of all these much-needed improvements, and in such a way as to be of the greatest benefit to Brooklyn as a borough. Yours truly,

WILLIAM A. PRENDERGAST, Comptroller.

Report of the Committee of Ten, Appointed on the Suggestion of William A. Prendergast, Comptroller of The City of New York.

Since the appointment of this Committee on the 30th day of April, 1913, it has had frequent meetings, conferences and hearings. Conferences have been had with representatives from organizations that have given time and study to the subjects within the scope of this Committee. Several public hearings were held, notice of which was given in the public press. Written communications have been invited from all persons interested. Architects have been employed to advise, and we have had the help of competent engineers.

At the outset the Committee has been compelled to recognize the situation of Brooklyn and its relation to Manhattan and Greater New York. Brooklyn has always labored under the disadvantage that although its residents have helped create the great assessed valuations in lower Manhattan, it did not before consolidation receive any benefit from the taxation of those values. In this respect Brooklyn was not and even now is not like independent cities such as Buffalo, Cleveland or Chicago, where both residences and office buildings contribute alike to support the same municipal government. Prior to consolidation on January 1, 1898, Brooklyn had reached the limit of her constitutional borrowing capacity. The City needed many new schools and more bridges and tunnels across the East River. Along with many disadvantages that flowed from consolidation there came the great advantage that Brooklyn at last received a portion of the tax money raised on the real estate in lower Manhattan, to which Brooklyn people had helped to give a high value. It must, however, be recognized that Manhattan is the central borough, and that as the business and municipal centre of Greater New York she is entitled to pre-eminence in buildings to transact the City's business. Now that the boroughs constitute one city, Manhattan must help to give the outlying boroughs those utilities that their growth reasonably requires, and the outlying boroughs must recognize Manhattan as the business and official centre.

For the last twenty years the industrial population in Brooklyn has been greatly increasing. Officials and loyal citizens who desire that the historic character of Brooklyn should be preserved cannot afford to wait ten years before a beginning is made to brighten up the down-town district. Continued migrations of home owners from Brooklyn to New Jersey and to counties outside of Greater New York may weaken the ability of the borough to preserve its entity and character. If it should once become a somewhat neglected industrial annex of Manhattan, the result would be injurious both to Brooklyn and Manhattan. No greater calamity could happen to every part of Brooklyn than to have the borough lose its civic pride.

When we add to the foregoing considerations the fact that Greater New York has nearly reached the constitutional limit of its borrowing capacity, we should not delude ourselves into thinking that persistent and long-continued demand will bring indefinite millions of dollars to Brooklyn in the near future. The vast contemplated expenditure for rapid transit railroads brings a share to Brooklyn, but even to validate the dual rapid transit contracts it was necessary to dedicate to subways $50,000,000 out of the $65,000,000 of self-supporting dock bonds exempted under the recent constitutional amendment, while we in Brooklyn know that more than $15,000,000 are needed for dock improvements in Brooklyn alone during the next ten years. In order to obtain a sufficient margin within the debt limit, assessed valuations have been placed at full value, and in some cases beyond prices that property will bring in the open market. Until the comprehensive rapid transit plan is completed in the course of four to six years, it cannot be expected that there will be a substantial increase in assessed valuations, taking the City as a whole.

With all of these considerations before us we have concluded that the strictest economy must be observed in improving the down-town district of Brooklyn, and that every dollar expended should be not only of the greatest use for the special purpose to which it is put, but also that every dollar expended should give co-ordinated results. Therefore we consider that such lands as are taken for public buildings should also contribute toward the opening up and improvement of the central business locality.

Outside of money for rapid transit lines, docks, schoolhouses and street improvements, it is not likely that the Borough of Brooklyn will within the next eight years receive any substantial sums except for the new municipal building and a new court house. If these buildings are placed in isolated locations where they have no relation to one another nor to the borough centre, it will be most unfortunate. Like the Academy of Music, which is surrounded by narrow streets, they would confer only a partial benefit. Therefore the question of their location is more than finding a good spot for a court house or municipal building. The problem is to find locations that will be convenient for the public business, have a relation to each other and other public improvements, and contribute to the acquirement of more open space where it will do the most good.

We think that the Borough Hall locality should be preserved and improved as the borough's municipal centre. Some say that we should look to Eastern Parkway; some to Flatbush Avenue Extension. But Borough Hall Park is the old-time and long-settled centre. The large office and financial buildings are there. It is convenient of access from every part of the borough. Every new rapid transit line will be directly connected with it. It is opposite the district of corresponding use in Manhattan. It is separate from the congested shopping district and will undoubtedly remain so. Some advocate Flatbush Avenue Extension as the best place for new buildings. The future value of the extension even for public buildings cannot be denied. Canal street, Manhattan Bridge, the extension and Flatbush avenue furnish a continuous broad thoroughfare from the North River to Jamaica Bay. When Greater New York becomes a city of 10,000,000 people, it may become the axis for magnificent public buildings both in Manhattan and Brooklyn. But Canal street to-day is a locality of small business and it is premature to try to force its Brooklyn continuation into prominence as a civic centre. Although Manhattan's new court house will be built on Centre street, yet the front door of Manhattan's civic centre will be the City Hall Park for the next thirty or forty years, and Canal street at its best will be only the back door. When the big business of Manhattan reaches Canal street it will be time enough to use City money for great public buildings on the extension. If Brooklyn were an independent and self-contained city like Boston and Chicago it might experiment without fear in building up a new civic centre, but Brooklyn to-day must look well to hold her own against the constant draught that Manhattan makes on her financial and office centre.

Brooklyn Bridge is to-day and for a long time will be the main entrance to Brooklyn. The district beween the bridge and Borough Hall has become depressed and unsightly, mainly because the retail shopping business left it, and Brooklyn, unlike independent cities, had no wholesale mercantile business to take its place. No city can hope to improve and brighten itself and still neglect its front door. The Clark street subway will have a station near lower Fulton street. The Federal Government has appropriated money to enlarge the post office. The bridge terminal has ceased to be a terminal and has become a way station, so that now the structures that deface the entrance to Brooklyn can be taken down, as Bridge Commissioner O'Keeffe proposes, and a solid, simple, low-lying structure substituted for the sheds and aerial monstrosities. Surely now is the time to link such an improvement with the clearing up of the whole district.

The borough must within a few months either grasp or lose its chance to start this work. As part of the dual rapid transit system the City has issued to the Municipal Railway Company, controlled by the Brooklyn Rapid Transit Company, a certificate to third track its Fulton street elevated line from the East River to East New York. The complications in perfecting the dual contracts, and the need of haste, were so great that the problem of freeing Borough Hall Park and lower Fulton street of the elevated railroad was not solved and inserted in the contracts, but immediately after the signing of the dual plan Mayor Gaynor, Borough President Steers, the Public Service Commission and the Board of Estimate took action resulting in the preparation and passage by the Legislature of an amendment to the Rapid Transit Act providing for the relocation of the tracks and the making of a contract for that purpose between the Public Service Commission and the company. Thus the way is paved for the removal of the elevated tracks to Adams street, taking them entirely out of lower Fulton street and Borough Hall Park. Orders for the fabrication of steel for the third track construction will soon be placed, and if the contract for relocation is not made the steel will be ordered for reconstructing the elevated railroad in its present location. It would be unfortunate indeed if additional outlays should serve to perpetuate the railroad in Borough Hall Park. At the same time that the tracks are removed it is desirable that the City should do as much as possible in opening and improving the unsightly locality between Fulton and Washington streets. As an independent proposition the taking of so much land has not appealed to some of the members of the Board of Estimate, but an entirely different question is presented if this area can be used in part for one of the new public buildings. Plan 6 shows the locality as it would appear after the tracks are relocated and the plaza opened. Washington street should be widened to correspond to the width of the open space now opposite the Mechanics' Bank Building. Some say, why not widen Washington street, taking forty or fifty feet of private land along its westerly side and do nothing to disarrange the rest of the property between Washington street and Fulton street? The answer to this is that the taking of parts of the buildings would in many cases be almost, if not quite, equivalent to a total destruction of the entire properties. If the City should acquire for public purposes the three blocks lying between Fulton street and Liberty street on the west and Washington street on the east, it could widen Washington street to the required width of 110 feet, use the space opposite the post office for one of the new buildings, and design the open space near the bridge as a dignified and fitting approach to Brooklyn Bridge, corresponding to some extent to the open space partly covered by the Manhattan municipal building at the other end. This should be done in connection with Commissioner O'Keeffe's plan of reconstructing the bridge terminal. The new public building located here would not act as a stopper in the bridge plaza, because the space now between the Mechanics' Bank Building and Myrtle avenue is of a fixed width and acts as a fixed limitation. If Washington street is widened to the same width, the approach to the bridge plaza proper would be better than if the bridge plaza should extend all of the distance to Borough Hall Park. In the latter case the plaza would be too large and not pleasing in form. A considerable part of this real estate is already owned by the City.

By chapter 390 of the Laws of 1909 the Supreme Court Justices of this Department were empowered to select a site for a new court house and recommend it to the Board of Estimate. In 1910 they selected the two blocks bounded by Court, Clinton, State and Livingston streets, and on December 20, 1911, the report was made by the Board of Sinking Fund Commissioners to the Board of Estimate. The Board of Estimate has taken no action thereon.

In July, 1911, the Board of Estimate determined upon the southeast corner of Court and Joralemon streets as a site for the new municipal building, taking in both the corner and the land covered by the present municipal building. The land has been acquired, plans for the building have been prepared, and when the Board of Estimate

makes an appropriation for building, actual construction can begin. If, however, the recommendation of this report should meet with favor, the municipal building would be erected in another place.

The Committee has endeavored to deal with these four factors, viz.: court house, municipal building, bridge plaza and relocation of tracks, so that the money expended should not only bring the best result for each factor, but at the same time bring the additional benefit of relating the four factors so that all will unite to improve the down-town centre. We shall now compare the cost and advantages of the four factors as presented in the Clinton street court house site, and as presented in the other plans that reasonably meet the needs of the situation.

First Plan—Clinton Street Court House Site.
(See Diagram Marked Plan 1.)

1. Cost of bridge changes and re-location of tracks as estimated by the Department of Bridges, and assessed value of additional property required for same	$4,012,095 00
2. Assessed valuation of land and buildings between Washington and Fulton streets	1,249,100 00
3. Assessed valuation land and buildings, Clinton street site for court house	1,527,700 00
4. Municipal Building site at southwest corner of Court and Joralemon streets (title now vested in the city)	.....
Total	$6,788,895 00

This plan places the new court house on the site selected by the judges, and the new municipal building on the site that has been condemned for this purpose at the corner of Court and Joralemon streets to which will be added the land covered by the old municipal building. For the purpose of these comparisons no values are placed on land and buildings now owned by the city.

The item of $4,012,095 for Brooklyn Bridge changes and re-location of tracks is the same in each of the six plans, and includes the assessed values of the entire half blocks east of Adams street. The re-location of the tracks on Adams street will require a six track structure between the bridge and Myrtle avenue and a three track structure between Mrytle avenue and Fulton street. Adams street is not wide enough for so many tracks. The preponderating engineering opinion is that the city should not widen Adams street, but remove the structure to the half block east of Adams street. The space fronting Adams street under the solid track floor would be available for renting. The cost of taking the half block by condemnation would not materially exceed the cost of taking forty feet along the block fronts. The question of damages to abutting owners would be avoided, and Adams street would be made better for traffic and business than it is now. Part of this large item would be paid by the railroad company. Under the terms of the third tracking certificate already issued the company is to pay all of the cost of reconstruction and betterment of the structure in its present locations, and it is understood that the company will pay at least an equal amount when the tracks are re-located under the new law. If the re-location brings other benefits to the company it would seem that even a greater portion of this item should be borne by the company. The new law provides that the division of expense shall be arranged between the Public Service Commission and the company, subject to the approval of the Board of Estimate.

The new court house according to this plan would be 600 feet from the Hall of Records. Although the books and files kept in the Surrogate's and Register's offices are not needed so frequently in trials as the papers from the County Clerk's office, it is a distinct disadvantage to have them so far away from the court house.

The new court house on this site would be unrelated to any other improvement. It would also be entirely surrounded by private property admitting of no architectural development and bearing no relation to the court house itself. The land is entirely covered with buildings valuable for their present use and is a recognized center for physicians. If the court rooms are made to face toward the streets they will increasingly be subjected to street noises, for we find that no streets in this locality are quiet. Automobiles and auto-trucks abound. If this site were acquired for the new court house the Board of Estimate would probably refuse either to open the bridge plaza or widen Washington street. The result would be that practically no general improvement to the financial center would be made. The Joralemon street front of Borough Hall Park, probably the most dominating site in the borough, would contain three buildings, the Hall of Records, the old court house and the new municipal building, none of them harmonizing with the others, and bringing little or no distinction to the most prominent site in the borough. The old court house would be relegated to criminal business to the detriment of this vicinity.

It would seem that the city's plan for future buildings should make some use of the Polytechnic Institute land. It is only a question of time when this school will move elsewhere. This plan throws away the opportunity of making profitable public use of this land.

The main objection to this plan, however, is that, although expensive, it brings practically no help to downtown Brooklyn. It dissociates the desired factors and does not relate them. It simply procures an isolated court house, leaving the business center of the borough as badly off as before.

Second Plan—Flatbush Avenue Extension Site for Court House.
(See Diagram Marked Plan 2.)

1. Cost of bridge changes and relocation of tracks as estimated by the Department of Bridges, and assessed value of additional property required for same	$4,012,095 00
2. Assessed valuation of land and buildings between Washington and Fulton streets	1,249,100 00
3. Assessed valuation of land and buildings, Flatbush Avenue Extension site for court house	564,650 00
4. Municipal Building site at southwest corner of Court and Joralemon streets (title now vested in the city)	.....
Total	$5,825,845 00

In this plan the court house would be 1,730 feet from the Hall of Records. The transaction of court business on the border of the retail shopping district would increase street congestion. It is distant from the present office district, and, if selected, injury to the present office district would result. It is inconvenient to residents of certain parts of the city. If court rooms fronted on the street they would yearly become more subject to noise. The available space would not afford as large an interior court as would be desirable if the court rooms were to face inside. If this site were acquired, the bridge plaza would probably remain unopened. Like Plan 1, this plan scatters the benefit of the four factors under discussion, and does not unite them.

Third Plan—State Street Site for Court House.
(See Diagram Marked Plan 3.)

1. Cost of bridge changes and relocation of tracks as estimated by the Department of Bridges, and assessed value of additional property required for same	$4,012,095 00
2. Assessed valuation of land and buildings between Washington and Fulton streets	1,249,100 00
3. Assessed valuation of land and buildings in the two blocks bounded by Boerum place, Livingston, Court and State streets	1,507,900 00
4. Municipal Building site at southwest corner of Court and Joralemon streets (title now vested in the city)	.....
Total	$6,769,095 00

Like the Clinton street site, this site would be so expensive that its purchase would probably preclude the opening of the bridge plaza. If the present court house should be retained, the new court house would be hidden and without any effective relation to Borough Hall Park. If it had outside court rooms they would be noisy. Schermerhorn street would either need to be closed or else carried through the building by tunnel. In the former case one of the streets most needed for traffic would be lost, and in the latter case the street would need to be artificially lighted both night and day and even then would be troublesome to maintain. This plan is open to all of the objections of Plan 1. Indeed, it is even less desirable as it interferes more with traffic.

Fourth Plan—Livingston Street Court House Site.
(See Diagram Marked Plan 4.)

1. Cost of bridge changes and relocation of tracks as estimated by the Department of Bridges, and assessed value of additional property required for same	$4,012,095 00
2. Assessed valuation of land and buildings between Washington and Fulton streets	1,249,100 00
3. Assessed valuation of land and buildings in block bounded by Boerum place, Livingston, Court and Schermerhorn streets	881,900 00
4. Polytechnic Institute and buildings fronting on Court street not taken by the city for new Municipal Building site	733,700 00
Total	$6,876,795 00

This plan has been pressed by very competent persons and we have given a large amount of detailed study to its merits. It contemplates that the old court house and municipal building should be torn down, and that the new court house should set far back from Joralemon street, the open space in front of it being flanked by the Hall of Records on one side, and a building of corresponding design on the other, to be used for children's and women's courts. The court house would be built on both sides of Livingston street, which would be double-decked so that the noise of surface cars and vehicular traffic could not reach the court rooms. This noise is now considerable on account of the slight grade from the Court street to the Boerum place level which requires the application of brakes on the down grade. On account of the widening of Livingston street this block is only 160 feet deep. Any form of treatment would seem to be unduly expensive, and even then the court house would not be quiet, as the court rooms would be subjected to the noise from the crossovers at the corners of Livingston street with Court street and Boerum place. The municipal building would need to be placed on the plaza site or elsewhere. One of the main objections to this plan is that the arrangement of all the buildings must be on an axis that does not correspond with Borough Hall, the park, or Washington street, and on this account the open place between the flanking buildings as well as the buildings themselves would stand awry.

Fifth Plan—Washington Street Site for Court House.
(See Diagram Marked Plan 5.)

1. Cost of bridge changes and relocation of tracks as estimated by the Department of Bridges, and assessed value of additional property required for same	$4,012,095 00
2. Assessed valuation of land and buildings between Washington and Fulton streets	1,249,100 00
3. Site for new court house takes part of last item.	
4. Municipal Building site at southwest corner of Court and Joralemon streets (title now vested in the city).	
Total	$5,261,195 00

This plan contemplates placing the new Court House on Washington street opposite the Postoffice, and the new Municipal Building at the corner of Court and Joralemon on the site condemned for that purpose. It separates the Court House from the Hall of Records. The chief objection, however, is that the available space is not sufficient. A court house of the size desired would be compelled to assume an awkward shape, and it would be so narrow that an inner court to light court rooms facing on it would be out of the question. Throughout our work we have kept in mind the desire of the Judges for quiet rooms for the conduct of trials. Washington and Fulton streets are noisy on account of surface cars and vehicles and it would in our opinion be undesirable to have court rooms front on these streets. The Court House is to be a much larger and more imposing building than the new Municipal Building, and it should not be placed on a contracted site.

Sixth Plan—Present Site for Court House.
(See Diagram Marked Plan 6.)

1. Cost of bridge changes and relocation of tracks as estimated by the Department of Bridges, and assessed value of additional property required for same	$4,012,095 00
2. Assessed valuation of land and buildings between Washington and Fulton streets	1,249,100 00
3. Site for Municipal Building takes part of last item.	
4. Site for Court House takes Polytechnic land and buildings, etc., in addition to land now owned by the City	733,700 00
Total	$5,994,895 00

This plan contemplates that the Court House would occupy all of the present Court House block except the Hall of Records; that it should have a large inner court with court rooms opening upon it; and that the Municipal Building should be placed on the plaza site.

The available area for the Court House would be 147,700 feet. The inner court could be 150 feet by 200 feet with a superficial area of 30,000 feet. The building, if six stories high, could easily have four floors devoted to court rooms. Each floor would afford space for nine court rooms, each forty feet by fifty feet, and one large court room for extraordinary trials, fifty feet by sixty-five feet. This would make forty court rooms in all and there would be ample space for a jury room and robing room in connection with each court room.

The street noises would be an objection to this site if the court rooms fronted the street. We are advised, however, that the fronting of the court rooms on the inner court would protect them entirely from street noise. Ventilation in so large a building as this would necessarily be furnished by a power system, and would be independent of the movement of outside air. Indeed it seems to be conceded that a power system succeeds only when windows are not opened and shut at will. Moreover trials are not held during the hot months of July, August and September. On account of these considerations we are of the opinion that inside court rooms can be fully as comfortable and as well ventilated as if they fronted on the streets. The inner court would be so large that there would be an abundance of sunlight. This would not be the case with the lower stories if the building were fifteen or twenty stories high, but our investigations have shown that with a building not over six stories in height, the sunlight will be abundant.

Careful consideration has been given to the subject of noise during construction. The first portion of the new Court House built would be that fronting on Borough Hall Park between the present Court House and Court street. This would be followed in due course by the construction of the Livingston street front after the Polytechnic Institute would be able to locate in a new place. Later the remaining portion of the new Court House would be built where the old Court House now stands. It cannot be denied that there would be some inconvenience to court work from construction noise while these successive portions were building, but if the new Municipal Building is erected within the next few months on the site selected for it adjoining the old Court House, there will be the same degree of construction noise. Moreover, wherever the new Court House is built, it is almost certain that it will be followed by some new construction in the immediate locality. The main thing is to obtain freedom from noise after construction is over, and we believe that the work of the courts could be conducted in inside court rooms on this site with more quiet than in outside rooms on any of the other sites that have been suggested. We find that the first wing of the new building could be built as a unit providing 16 to 20 court rooms with all requisite minor rooms and facilities. These would be more court rooms than are now in use. This would afford the needed expansion in connection with the use of the old Court House, which has fourteen court rooms. The later completion of the Livingston street wing would furnish a total of thirty-two court rooms in the new building. This would permit the abandonment of the old Court House so that the last wing could be built where the old Court House now stands. If the money for the construction of the new Court House is appropriated from time to time, as will probably be the case, it will be no disadvantage to have the different parts successively available for construction. Forty new court rooms will not be needed for some years, and there will be a saving of interest to the City if the entire expenditure is not made at one time. The County Court now has four court rooms, the Supreme Court ten, the Appellate Division one, and the Appellate Term one—in all sixteen. The act empowering the Judges to select a site and approve a Court House does not contemplate that the County Court will be provided for in the new building. If, however, a forty court room building should be erected, it is evident that the County Court should be housed in it or else many of the court rooms would be idle for a long time.

The new Court House in Manhattan will provide fifty to sixty court rooms. A new Brooklyn Court House containing forty court rooms would provide as much space as is likely to be needed during the next forty years, and the City would hardly care to lose interest on unnecessary space for a longer period. When, however, the civil business transacted in the new Court House should need all of the court rooms, the City would probably feel the need of a separate Criminal Court building in some other part of the borough. It is unlikely that the County Court will continue both

its civil and criminal terms indefinitely. The tendency in all large cities is to separate civil and criminal trials both as to Judges and location.

The new Court House in this location would be near the Hall of Records, a comparatively new, sound and dignified building. Both Judges and trial lawyers are accommodated by having the real estate, Surrogate's and County Clerk's records and books near at hand. Part of the large space under the new Court House could be used for moisture proof vaults for the storage of obsolete papers that are already crowding the County Clerk's office.

The great advantages of this site to the borough are apparent. It holds the court business of the borough in the locality which has for generations become adapted to it. It preserves and improves the present office center. It is the most convenient spot in the City for Judges, litigants, lawyers and jurors, and is also the most accessible from the court, municipal and financial centers of Manhattan. The new rapid transit lines will make it more accessible from every part of Greater New York.

The present location of the Polytechnic Institute is not well adapted for educational purposes. Its future growth is circumscribed and probably it is only a question of a few years when another location must be found for this growing institution.

The site for the Municipal Building on Washington street opposite the Postoffice would have an area of approximately 52,000 square feet—being an irregular plot 380 feet by 150 feet. It would be a moderately high office structure and would fit an irregular plot of ground better than the more monumental Court House. It would also be adjustable to the site bounded by office buildings with the height of which it would harmonize. The distance of the new Municipal Building from Borough Hall would be 800 feet. In Manhattan the distance between City Hall and the new Municipal Building is 640 feet. A station of the new Interborough Subway will be near the corner of Fulton and Clark streets. This will be the great Manhattan west side subway, running south from Times Square through Seventh avenue, Park Place and William street, thence under the East River at Old Slip, thence through Clark and Fulton streets to the junction with the two tracks under Borough Hall, not now used, but which when used will make Brooklyn's four track subway to Flatbush avenue, Long Island station, Park Plaza and Eastern Parkway.

Not only will the placing of the Municipal Building on the Washington street site allow the much needed widening of that street without extra cost, but the erection of the Court House on the present site as provided in this plan will admit of the widening of the streets by which it is bounded, viz.: Livingston, Court and Joralemon streets. This consideration is important in view of the concentration of street cars and other traffic at this center of street circulation.

No other plan presents equally good sites for the new Court House and the new Municipal Building. This plan has the further merit that it harmonizes the four factors, i. e., Court House, Municipal Building, bridge plaza and relocation of tracks, in a manner where each factor brings additional benefit to every other factor. The removal of the elevated tracks without opening up the bridge approach would be only a partial improvement. Placing the Court House on the Clinton street site or Flatbush avenue extension site would have no relation whatever to the other three factors. This plan logically, harmoniously and at comparatively small expense paves the way for the improvement of the entire area between Brooklyn Bridge and the Hall of Records and furnishes frontages that will attract the construction of substantial and handsome business buildings.

For these reasons we recommend:

1. The removal of the elevated railroad tracks from Borough Hall Park and lower Fulton street, pursuant to the permissive legislation passed by the last session of the legislature as an amendment to the Rapid Transit Act.

2. The acquirement by the City of the land not now owned by the City between Fulton street and Liberty street on the west and Washington street on the east, also three lots in the small block opposite Clark street.

3. The widening of Washington street to 110 feet, which is the same width as the throat between the Mechanics' Bank Building and Myrtle avenue.

4. The location of the new Municipal Building between Fulton and Washington streets approximately opposite the Postoffice.

5. The location of the new Court House on the present site of the old Court House, such site to include the land intended for the new Municipal Building, and also the rest of the land in that block on Court and Livingston streets, all court rooms to front on a large interior court.

Dated, June 21, 1913.

FREDERIC B. PRATT, EDWARD M. BASSETT, FRANK M. BROOKS, ALEXANDER McKINNY, FRANK C. MUNSON, JAMES H. POST, CHARLES A. SCHIEREN, ALFRED T. WHITE, HOWARD O. WOOD, EDWARD C. BLUM.

Supplemental Report by a Minority of the Committee.

We, the undersigned, while agreeing with Recommendation No. 2 of the foregoing report, believe that all of the three blocks between Fulton street on the west and Liberty street on the east, should be acquired by the City and not only the three lots opposite Clark street. Our reasons for this belief stated briefly are, that the buildings erected upon these blocks are of poor construction and unsightly and their condition will not be improved by the bridge approach, nor will a better class of buildings be erected in their stead. They stand as a menace to the improvement of Fulton street north of Clark and if not removed will carry upon their rear walls bill-boards and signs which will completely mar the effect of the new bridge approach. If they are not removed the traveler approaching Brooklyn by means of the Bridge cars will have but a momentary glimpse of the improved Plaza and the new Municipal building as the train swings around into Adams street. If, on the contrary, the buildings are removed the effect of the improvement will be noticed as soon as Sands street is reached. This will be the more noticeable to travelers by the trolley and to pedestrians using the bridge.

The assessed valuation of these blocks is $442,850. If they are acquired by the City it is our belief that the increase in the assessed value of property upon Fulton street immediately opposite to the blocks in question will more than equal the assessed valuation of the property taken.

HOWARD O. WOOD, FRANK C. MUNSON, JAMES H. POST.

Supplemental Report Submitted to the Comptroller with the Three Perspective Drawings On Sites for Public Buildings and Re-location of Tracks in Lower Fulton Street, Borough of Brooklyn.

July 26. 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller of The City of New York:*

It was recognized from the beginning of the study of this problem that any recommendations must of necessity take into consideration existing conditions and must co-ordinate with any general plans for the development of the Borough as a whole. A thorough study has been given this question, and it may be stated with reasonable assurance, that the proposed location and general arrangement of the Court House and Municipal Building not only do not in any way conflict with future changes, but contribute very largely to the accomplishment of further improvements.

An exhaustive argument has been made already on the location of these buildings. In addition to the reasons already given for the suggested locations, it may be stated that the plaza site is not well suited as a location for the Court House. On such a location the interior light courts would be too small to successfully serve the court rooms, and the block too irregular. Furthermore, since the character of the Municipal Building is that of a high office structure, a less regular plot of ground is required as a site than is the case with the more monumental Court House. This building is more adjustable to a site bounded by office buildings with the height of which it will harmonize.

The Court House is the focal point of a system of arteries leading to various centres—Washington street to the Brooklyn Bridge, Court street to the docks, Fulton street to the retail business centre at its intersection with Flatbush avenue, and finally, Willoughby street to Fort Greene Park.

Willoughby street, along its distance from the Borough Hall square to Fort Greene Park, should at some time be used as a relief to Myrtle avenue, and for that distance should be the important and improved street. Furthermore, it will become, if developed, a strong factor in relieving that portion of Fulton street below Flatbush avenue of the traffic from the eastern section of the Borough, which has for its objective point Borough Hall Square. This artery, leading directly to Fort Greene Park, centres on the Martyrs' Monument. Since this monument has been carefully placed on the axis of Willoughby street, it is not only desirable but economical to bring it into value. Willoughby street crosses Flatbush avenue at its highest point and from this intersection the facade of the proposed Court House will come finely into view. There will be, therefore, strong reasons for developing Willoughby street.

The location of the Municipal Building on the plaza site will allow of the widening of Washington street. It will further the improvement of the approach to the Brooklyn Bridge.

The erection of the Court House on the present site near Borough Hall will admit of the widening of the streets by which it is bounded, namely, Livingston street, Court street and Joralemon street.

Improvements such as these are very important in view of the concentration of street cars and other traffic at this centre. Further relief might be had by placing additional street car loops at the Bridge plaza, where part of the cars that now crowd Borough Hall Square might be carried around the north end of the proposed Municipal Building.

The buildings located as proposed do not make a formal group in the strict sense of the word. They may be made, however, to count together. One's attention, immediately on crossing the Brooklyn Bridge, whether by the cars, by vehicle or on foot, will be controlled by the facade of the Municipal Building, with its foreground of public space, and on passing beyond this building into Washington street, one's attention will be carried with interest to the facade of the Court House which will frame the Borough Hall silhouette and dominate Borough Hall Square.

Owing to the location of the Borough Hall on the Washington street axis, it is recommended that no central motif be used in the Court House design. The facade of the Court House must be designed as a foil to the broken silhouette of the Borough Hall and its cupola. Should the Borough Hall be ultimately removed, the axis may be controlled by a central feature of monumental or commemorative character. The converging lines of the lower cornice of the buildings, of the curbs and of the lampposts, carry the eye forward to this motif and to the facade of the Court House.

Co-operation between the architect selected for the Municipal Building and the United States Supervising Architect should be urged, so that this building and the Post Office will be harmonious in architectural character.

Various monuments and architectural details are suggested on the plans. They must all be in harmony and in scale with one another and with the buildings. Their setting must be carefully studied in detail. The placing and proportioning of balustrades, of pools of water, of grass plots, and in particular, of trees, must be done in the finest way, as it is only by a careful attention to all these details that this group can be brought into harmony of high order in keeping with its importance.

The spaces surrounding the public buildings, where not needed for circulation, should be parked and trees should be planted wherever they will serve to enhance the buildings, screen undesirable objects, at the same time not interfering with business interests. The same variety of tree should be planted throughout, and should not exceed 25 to 30 feet in height.

Of almost equal importance is the question of lampposts—their height, design, spacing and fixtures. It is suggested that this be exhaustively studied in the light of modern invention, so as to make of the streets and open spaces involved, a model for other parts of the city.

The paving of these streets and open spaces also should be perfect. Creosoted wood block is recommended for its all round qualities.

The above recommendations, if carried into effect, will contribute to making this entrance to Brooklyn harmonious and impressive. The studies submitted in plan and perspective should be understood to be only general suggestion along the lines indicated.

Consideration in Detail of the Requirements of the Various Buildings.

Court House.

The Courts and allied Departments, at present situated in the old Court House Building, in the Borough Hall, in the Hall of Records and in rented quarters, which would be housed in this building are: Supreme Court; Supreme Court, Appellate Division; County Court, Criminal Parts; County Court, Civil Parts; Grand Jury, County Clerk, District Attorney, Sheriff, Commissioner of Jurors, all Court Stenographers and Clerks, Justices' Chambers, Justices' Reference Library, Law Library.

Space occupied at the present time by the various Departments is as follows:

	Square Feet.
County Clerk	20,000
District Attorney	8,000
Sheriff	2,200
Commissioner of Jurors	1,600
That space included in the old Court House, Appellate Division, in the Borough Hall, Appellate Term in rented quarters, including Justices' Chambers, about	120,000

The bill for the selection of the Court House site does not provide quarters in this building for the County Courts, but is is likely that for several years all County Court business would be handled in the new Court House.

A safe assumption for a new building providing ample light courts and set back fifty feet from both Court street and Joralemon street, is ten court rooms per floor. A building having four court floors and two additional floors would have an area of approximately 450,000 square feet. Each court room unit, moreover, would be amply supplied with Judges' robing room, Clerks' room and necessary witness, counsel and jurors' rooms. This building would be about 110 feet high to the main cornice. In addition, space would be provided for an emergency hospital, for newspaper reporters and for a general public waiting room.

The new Court House would provide seventy to eighty thousand square feet on the first floor, sixty-five to seventy thousand square feet approximately on the court room floors, and fifty thousand to sixty thousand square feet on the upper floor, which should be planned as Justices' chambers.

Hall of Records.

Space vacated by the County Clerk, at present housed in the Hall of Records, would provide twenty-five per cent. additional room for the Surrogate's Court and the Registrar. Should a new structure of the same height as the Court House be erected at some future date and set back from Court square and Fulton street, the space available for these Departments would be nearly doubled.

Municipal Building.

A building on the plaza site about eight stories high, would have a floor area equivalent to the building now planned to be placed on the Joralemon street site. It would adequately house all of the administrative Departments and Bureaus. The chief officials would doubtless remain in Borough Hall. Borough Hall could be used entirely for administrative business, as the Appellate Division would move to the new Court House.

Dated, July 26, 1913.

FREDERIC B. PRATT, EDWARD M. BASSETT, FRANK M. BROOKS, ALEXANDER McKINNY, FRANK C. MUNSON, JAMES H. POST, CHARLES A. SCHIEREN, ALFRED T. WHITE, HOWARD O. WOOD, EDWARD C. BLUM.

The following resolution was offered:

Resolved, That the Honorable Justices of the Supreme Court of the Second Department be and they hereby are requested to reconsider their action in selecting the so-called Court street site in the Borough of Brooklyn, and in its place designate as a proper site for a new Court House the present Court House site, subject to the extension in the available area of that site described in the report of the Comptroller, dated July 29, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Manhattan—Transfer of Appropriation (Cal. No. 121).

The Secretary presented the following:

Office of the President, Borough of Manhattan, July 28, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—Request is hereby made for the following transfer of funds from the appropriation made to this department entitled:

PRESIDENT BOROUGH OF MANHATTAN, 1913.

Contract for Open Order Service, General Repairs, Care of Public Buildings and Offices.

2805	Repairs, Office Buildings	$2,571 00

—to the appropriations made to this department entitled:

Supervision of Building Construction and Alteration.

2751	Office Supplies, Executive	2,000 00

Supervision of Building Construction and Alteration.
2761 General Plant Supplies, Executive 248 00
Supervision of Building Construction and Alteration.
2827 Contingencies, Executive 323 00

$2,571 00

The transfers are necessary to provide additional funds for appropriations that have become exhausted. Yours very truly,

GEORGE McANENY, President, Borough of Manhattan.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 30, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 28, 1913, the President of the Borough of Manhattan requested transfer of $2,571 within appropriations to his office for the year 1913. In connection therewith I report as follows:

The proposed transfer is from Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing, No. 2805, Office Buildings to Supplies, Office Supplies, Supervision of Building Construction and Alterations, No. 2751, Executive, $2,000, Supplies, General Plant Supplies, Supervision of Building, Construction and Alteration, No. 2761, Executive, $248, and Contingencies, Supervision of Building Construction and Alteration, No. 2827, Executive, $323. The appropriations to Nos. 2751, 2761 and 2827 are exhausted. The transfers are necessary to provide sufficient funds within the accounts to the end of the year. There is sufficient balance in No. 2805 to permit of the debit transfer.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Manhattan for the year 1913, as follows:

FROM

Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing.
2805 Office Buildings $2,571 00

TO

Supplies, Office Supplies, Supervision of Building Construction and Alteration.
2751 Executive $2,000 00
Supplies, General Plant Supplies, Supervision of Building Construction and Alteration.
2761 Executive 248 00
Contingencies, Supervision of Building Construction and Alteration.
2827 Executive 323 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Manhattan for the year 1913, as follows:

Supplies, Office Supplies, Supervision of Building Construction and Alteration.
2751 Executive $3,875 00
Supplies, General Plant Supplies, Supervision of Building Construction and Alteration.
2761 Executive 403 00
Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing.
2805 Office Buildings 35,829 00
Contingencies, Supervision of Building Construction and Alteration.
2827 Executive 643 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Board of Inebriety—Issue of Corporate Stock (Cal. No. 122).

(On December 19, 1912, this matter was referred to the Corporate Stock Budget Committee.)

The Secretary presented the following:

Board of Inebriety of The City of New York, 300 Mulberry Street, New York, December 17, 1912.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment:*

Sir—The Board of Inebriety has the honor to request the Board of Estimate and Apportionment to authorize an appropriation of $6,500 corporate stock for preliminary fees to architects, in the preparation of general plans for the proposed hospital and farm colony for inebriates.

A site has been approved by the Board of Estimate and Apportionment, and its acquirement is assured, but before an appropriation for any portion of the proposed buildings is requested it is desirable that the plans for the complete colony should be prepared and approved. Architects have been selected and have already given consideraton and study to the scheme, but it is not to be expected that they should proceed further without a formal contract. Respectfully,

CHARLES SAMSON, Executive Secretary.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 30, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On December 17, 1912, the Board of Inebriety requested an authorization of $6,500 in corporate stock for the payment of preliminary fees to Architects in the preparation of general preliminary plans for the proposed hospitals and farm colony for inebriates at Greycourt, N. Y. In connection therewith we report as follows:

Your Board has approved of the acquisition of a farm for the colony and the negotiations have so far progressed that title probably will vest in the City within a few days. The Board of Inebriety is making studies of the general plan for buildings and the administration of the farm. It is now necessary, in the judgment of the Board, that a topographical map be prepared showing the grades, contours, and other data as to the physical layout of the land. An estimate of $400 for the map has been received. Tentatively, a plan has been submitted by architects providing for the eventual physical development of the farm, but no accurate nor definite information has been developed up to the present time.

It is estimated that the eventual cost of the buildings and improvements will reach about $600,000. For the purpose of arriving at some definite plan the funds are requested.

We recommend the approval of the request by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding six thousand five hundred dollars ($6,500), to provide means for the preparation of a topographical map of the farm under the jurisdiction of the Board of Inebriety, in the Township of Warwick, Orange County, N. Y., and for the cost of architect's preliminary plans and studies for the physical development of the farm, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid.

Which was adopted by the folowing vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Public Service Commission For the First District—Approval of Award of Contract for Construction of Section No. 4, Route No. 5, of the Lexington Avenue Rapid Transit Railroad and Issue of Corporate Stock Therefor (Cal. No. 123).

The Secretary presented the following:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York.

To the Board of Estimate and Apportionment of The City of New York:

The Public Service Commission for the First District herewith transmits to you for your consent as required by law a proposed contract between The City of New York and Dock Contractor Company for the construction at the public expense of Section No. 4 of Route No. 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad which begins under Broadway in the Borough of Manhattan at a point about midway between Houston and Bleecker streets and extends thence northerly under Broadway and Union square to a point about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th street with the center line of the subway.

In pursuance of section 37 of chapter 4 of the Laws of 1891 as amended, known as the Rapid Transit Act, and of a requisition duly made by the Public Service Commission for the First District on March 18, 1913, for the authorization of corporate stock of the City of New York to the amount of sixty million dollars ($60,000,000), which with the sum of forty million five hundred and one thousand and ninety-one dollars ($40,501,091) theretofore registered on account of the railroad to be constructed under the contract known as Contract No. 4 between The City of New York, acting by the Public Service Commission for the First District, and New York Municipal Railway Corporation, for additional rapid transit railroads, will be sufficient to meet the entire estimated expense to the City, to be defrayed by the issue of corporate stock, of executing said Contract No. 4 and of a resolution duly adopted by the Board of Estimate and Apportionment of The City of New York, on March 18, 1913, authorizing and directing the issue of such corporate stock to the amount of sixty million dollars ($60,000,000), the proceeds thereof to be applied to the purpose specified in said requisition, the Public Service Commission for the First District hereby makes sub-requisition upon the Board of Estimate and Apportionment of The City of New York for the authorization of corporate stock of The City of New York to be issued and sold by the Comptroller to the amount of two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078) at such rate of interest as the Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means for construction at the public expense of said portion of such railroad.

This requisition is a sub-requisition on account of said requisition of the Public Service Commission for the First District of March 18, 1913, for sixty million dollars ($60,000,000), and the appropriation made thereunder by your Honorable Board by resolution adopted on March 18, 1913.

In witness whereof the Public Service Commission for the First District has caused this requisition to be subscribed by its Chairman and its seal to be hereto affixed and attested by its Secretary this 16th day of July, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

[SEAL.] By EDWARD E. McCALL, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

Resolved, That this Commission hereby accepts the proposal of Dock Contractor Company dated June 24, 1913, for the construction of Section No. 4 of Route No. 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad which begins under Broadway in the Borough of Manhattan at a point about midway between Houston and Bleecker streets and extends thence northerly under Broadway and Union square to a point about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th street with the center line of the subway, the aggregate of the unit prices in the proposal amounting to two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078).

Resolved, That the Chairman and the Secretary be and they hereby are authorized on behalf of the Commission to execute the contract in a form attached to said proposal and to deliver the same if and when consented to by the Board of Estimate and Apportionment and upon compliance by the said Dock Contractor Company with the requirements of the Invitation to Bidders attached to the said proposal.

Resolved That the Chairman and the Secretary be and they hereby are authorized and directed to request the Board of Estimate and Apportionment to consent to the said contract and to prescribe a limit to the amount of the bonds available to meet the requirements of the said contract, to wit, the sum of two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078); and also to request the said Board of Estimate and Apportionment to direct the Comptroller of The City of New York to issue the bonds of said City at such a rate of interest as the Board of Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means for construction at the public expense of the said portion of such railroad; and also to make request for the authorization of bonds for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit, the sum of two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078). Such requisition to be a sub-requisition under the requisition made by the Commission on or about March 18, 1913, for sixty million dollars ($60,000,000) for the purpose of carrying out the contract known as Contract No. 4, dated March 19, 1913, between The City of New York, acting by the Public Service Commission for the First District, and New York Municipal Railway Corporation for additional rapid transit railroads.

Resolved, That the Secretary be directed to give notice to the said Dock Contractor Company that its proposal has been accepted and the contract awarded to it by this Commission, subject to its being consented to by the Board of Estimate and Apportionment.

Resolved, That it be referred to Counsel for the Commission to inquire into the sufficiency of the sureties proposed to be given by said Dock Contractor Company, and in case the sureties named in the proposal of the said Dock Contractor Company or any of them are not approved by the Commission, then to inquire into the sufficiency of any other or substitute sureties and in behalf of the Commission to do any such act as may be necessary and incidental to the furnishing of a proper bond.

State of New York, County of New York, ss.:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify that I have compared the above with the original adopted by said Commission on July 15, 1913, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission, this 17th day of July, 1913.

[SEAL.] TRAVIS H. WHITNEY, Secretary.

Public Service Commission for the First District—Invitation to Contractors and Forms of Contract, Bond and Contractor's Proposal for the Construction of a Part of the Broadway-Fourth Avenue Rapid Transit Railroad (Route No. 5)—Section No. 4.

Form finally adopted by the Commission May 23, 1913, and approved as to form by the Corporation Counsel and filed on commencement of advertisement of Invitation to Contractors.

INVITATION TO CONTRACTORS.

PART OF THE BROADWAY-FOURTH AVENUE RAPID TRANSIT RAILROAD.

The City of New York, acting by the Public Service Commission for the First District (hereinafter called "the Commission") invites proposals to construct Section No. 4 of Route 5, a part of the Broadway-Fourth Avenue Rapid Transit Railroad.

The points within the City between which the said part is to run and the route or routes to be followed are briefly as follows:

Section No. 4. Beginning at a point under Broadway, in the Borough of Manhattan, about midway between Houston and Bleecker Streets and extending thence northerly under Broadway and Union Square to a point about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th Street with the centre line of the subway.

The general plan of construction calls for a subsurface railroad having four tracks. The details of the construction of the Railroad and appurtenances are more particularly indicated on the Contract Drawings.

Bidders will not be required to provide or lay tracks, ties or ballast, nor to do the station finish work.

The work of construction under the contract will include the construction of all necessary sewers and connections, along the route of the Railroad; also the necessary support, maintenance, readjustment and reconstruction of vaults adjacent to buildings, pipes, tubes, conduits, subways or other subsurface structures; the support and care, including underpinning, or the maintaining, protecting and securing, where necessary, of all buildings, monuments, surface railroads and other surface, subsurface and overhead structures of any kind, etc., affected by or interfered with during the construction of the work; also the restoration of the sidewalks and roadways.

The method of construction will be by trench excavation under cover, unless otherwise permitted by the Commission, as set forth in the form of contract.

The Contractor will be required to prosecute the work of construction from working shafts located at the points specified in the contract.

Bidders must examine the form of contract and the specifications, maps and plans; must visit the location of the work and inform themselves of the present conditions along the line thereof and make their own estimates of the facilities and difficulties attending the execution of the proposed work.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated, in the printed form of contract and in the Contract Drawings therein referred to. Printed copies of the form of contract, bond and contractor's proposal may be had on application at the office of the Commission, No. 154 Nassau Street, Borough of Manhattan, City of New York. The Contract Drawings may be inspected at the same office, and copies thereof may be purchased by prospective bidders on payment of five dollars ($5.00). The printed form of contract and the Contract Drawings are to be deemed a part of this invitation.

Partial payments to the Contractor will be made monthly as the work proceeds, as provided in the form of contract.

The Contractor will be required to complete the work as soon as practicable and within a period of thirty-six (36) months from the date of the delivery of this contract..

Sealed bids or proposals will be received at the office of the Commission at No. 154 Nassau Street, Borough of Manhattan, City of New York, until the 24th day of June, 1913, at twelve fifteen (12:15) o'clock p. m., at which time, or at a later date to be fixed by the Commission, the proposals will be publicly opened.

Proposals must be in the form prescribed by the Commission, copies of which may be obtained at the office of the Commission.

A statement based upon estimate of the Engineer, of the quantities of the various classes of the work, and of the nature and extent as near as practicable of the work required is to be found in the schedule forming a part of the form of Contractor's Proposal. The quantities given in such schedule are approximate only, being given as a basis for the uniform comparison of bids, and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed "Proposal for Constructing Part of Rapid Transit Railroad—Route No. 5, Section No. 4," and must be delivered to the Commission or its Secretary; and in the presence of the person submitting the proposal, it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received or deposited unless accompanied by a separate certified check drawn upon a national or state bank or trust company having its principal office in the City of New York, satisfactory to the Commission and payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand ($15,000) dollars. Such check must not be enclosed in the envelope containing the proposal.

The Unit Prices must not be improperly balanced, and any bid which the Commission considers detrimental to the City's interests may be rejected.

No proposal, after it shall have been deposited with the Commission, will be allowed to be withdrawn for any reason whatever.

The award of the contract will be made by the Commission as soon as practicable after the opening of the proposals.

Bidders whose proposals are otherwise satisfactory, in case the sureties or securities named by them are not approved by the Commission, may substitute in their proposals the names of other sureties or securities approved by the Commission, but such substitution must be made within five (5) days after notice of disapproval, unless such period is extended by the Commission.

A bidder whose proposal shall be accepted shall, in person or by duly authorized representative, attend at the said office of the Commission within ten (10) days after the delivery of a notice by the Commission that his proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and such bidder shall then deliver a contract in the form referred to, duly executed and with its execution duly proved.

At the time of the delivery of the contract, the Contractor will be required to furnish security to the City by giving a bond for seventy-five thousand dollars ($75,000). At the option of the successful bidder cash or approved securities may be deposited instead of giving a bond. If securities are deposited in place of a bond under this contract, they must be of the character of securities in which Savings Banks may invest their funds and must be approved by the Commission.

The Contractor's bond must be in the form annexed to the form of contract.

In addition and as further security fifteen (15) per centum of the amounts certified from time to time to be due to the Contractor will be deducted until the amounts so deducted and retained shall equal ten (10) per centum of the sum of the amounts resulting from the product of the estimated approximate quantities and the Unit Prices as contained in the Schedule of Unit Prices in the Contractor's proposal. Thereafter there shall be so deducted and retained for such purpose ten (10) per centum of the amounts certified from time to time to be due to the Contractor. The Contractor may from time to time withdraw portions of the amounts so retained upon depositing in lieu thereof corporate stock of The City of New York equal in market value to the amount so withdrawn.

In case of failure or neglect to execute and deliver the contract or to execute and deliver the required bond or to make the required deposit, such bidder will, at the option of the Commission, be deemed either to have made the contract or to have abandoned the contract. In the latter case, the Commission will give notice thereof to such defaulting bidder, and the Commission may thereupon proceed to make another contract with such, if any, of the original bidders as, in the opinion of the Commission, it will be to the best interests of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other Contractor over the amount of the bid of such defaulting bidder.

If the Commission shall give notice to any bidder that his or its proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and if the bidder shall fail within ten (10) days thereafter or within such further period, if any, as may be prescribed by the Commission, to execute and deliver the contract and to execute and deliver the bond with sureties, or to make the required deposit, then the Invitation to Contractors and proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damage by it sustained by reason of such failure, and in such case the bidder shall, by the terms of the proposal, absolutely assign to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

All such deposits made by bidders whose proposals shall not be accepted by the Commission will be returned to the person or persons making the same within five (5) days after the contract shall be executed and delivered. The deposit of the successful bidder will be returned when the contract is executed and its provisions in respect of the bond or deposit are complied with.

The right to reject any and all bids is reserved.

New York, May 23, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

CONTRACT FOR THE CONSTRUCTION OF A PART OF A RAPID TRANSIT RAILROAD ROUTE No. 5, SECTION No. 4.

Approved as to form this 22nd day of May, 1913.

JOHN L. O'BRIEN, Acting Corporation Counsel.

RAPID TRANSIT RAILROAD.

CONTRACT.

Route No. 5, Section No. 4.

Agreement made this day of , 1913, between The City of New York, hereinafter called the City, acting by the Public Service Commission for the First District, hereinafter called the Commission, party of the first part, and Dock Contractor Company, a corporation organized under the laws of the State of New Jersey, hereinafter called the Contractor, party of the second part.

Whereas, the Commission in behalf of the City by due advertisement, pursuant to law, has invited contractors to submit to the Commission proposals for making this contract; and

Whereas, the Contractor has thereupon duly submitted to the Commission a proposal, which has been accepted; and

Whereas, the Board of Estimate and Apportionment of The City of New York has consented to this contract;

Now, therefore, in consideration of the mutual covenants and agreements hereinafter contained, and under the authority of chapter 4 of the laws of 1891, entitled "An Act to provide for Rapid Transit Railways in Cities of over One Million Inhabitants," and of the various acts amending the same, the parties do hereby, the City for itself and its successors and the Contractor for itself, its successors and assigns

Agree each with the other as follows:

I.

GENERAL PROVISIONS AND DEFINITIONS.

Outline of Contract.

Article I. The Contractor agrees to construct the part hereinafter described of a Rapid Transit Railroad, with its appurtenances. The City agrees to pay the Contractor the sums of money hereinafter mentioned at the times and in the manner and upon the terms and conditions hereinafter set forth.

Brief Description of Works.

Article II. The Railroad to be constructed under this contract forms a part of a certain route adopted by the Board of Rapid Transit Railroad Commissioners for the City of New York on May 12, 1905, and which as modified is known as the Lexington Avenue Route or Route No. 5. The part to be constructed under this contract consists of

Section No. 4.

Beginning at a point under Broadway, in the Borough of Manhattan, about midway between Houston and Bleecker Streets and extending thence northerly under Broadway and Union Square to a point about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th Street with the center line of the subway.

The precise location of the tracks and the dimensions and other characteristics of the Railroad are more fully stated in the specifications forming a part of this contract, and in the detailed drawings and plans hereinafter mentioned.

Statutes Incorporated Herein.

Article III. This contract is made pursuant to the Rapid Transit Act, which is to be deemed a part hereof as if it were incorporated herein.

Marginal Notes, etc.

Article IV. Titles, headings, running headlines and marginal notes are printed hereon merely for convenience and shall not be deemed to be any part of this contract for any purpose whatever.

Definitions of Words.

Article V. The following words and expressions used in this contract shall, except where by the context it is clear that another meaning is intended, be construed as follows:

"City."

(1) The word "City" to mean The City of New York, and any other corporation or division of government to which the ownership, rights, powers and privileges of The City of New York under the Rapid Transit Act shall hereafter come, belong or appertain.

"Commission."

(2) The word "Commission" to mean the Public Service Commission for the First District, and any other board, body, commission, official or officials, to which or to whom the powers now belonging to the said Commission in respect of the location, construction, equipment, maintenance and operation of Rapid Transit Railroads under the provisions of the Rapid Transit Act shall, by virtue of any act or acts, hereafter pass or be held to appertain.

"Contractor."

(3) The word "Contractor" to mean the party of the second part to this contract, and its successors and assigns and any and every person or corporation who or which shall at any time be liable in the place or for the party of the second part to perform any obligations under this contract assumed by the said party of the second part. For convenience the Contractor is hereinafter referred to as if the Contractor were an individual. The word "he" shall, as the sense may require, include "it," "she" and "they"; the word "him" shall include "her," "it" and "them"; and the word "his" shall include "its," "her" and "their."

"Comptroller."

(4) The word "Comptroller" to mean the Comptroller of The City of New York, and the officer or board to whom or to which his powers now existing under the Rapid Transit Act shall come to appertain.

"Engineer."

(5) The word "Engineer" to mean the Chief Engineer of the Commission or his duly authorized representative and any successor or successors duly appointed or any deputy or substitute for him who shall be appointed by the Commission or by its authority.

"Rapid Transit Act."

(6) The words "Rapid Transit Act" to mean chapter 4 of the laws of 1891 as amended by chapters 102 and 556 of the laws of 1892, chapters 528 and 752 of the laws of 1894, chapter 519 of the laws of 1895, chapter 729 of the laws of 1896, chapter 616 of the laws of 1900, chapter 587 of the laws of 1901, chapters 533, 542, 544 and 584 of the laws of 1902, chapters 562 and 564 of the laws of 1904, chapters 599 and 631 of the laws of 1905, chapters 472, 606 and 607 of the laws of 1906, chapter 429 of the laws of 1907, chapter 498 of the laws of 1909, chapters 205, 504, 505 and 506 of the laws of 1910, chapter 888 of the laws of 1911 and chapter 226 of the laws of 1912, or as heretofore otherwise amended.

"Railroad."

(7) The word "Railroad" to mean the part which the Contractor agrees by this contract to build, together with all appurtenances thereto which are to be constructed or provided by the Contractor.

"The Works."

(8) The words "the Works" to mean all of the matters and things herein agreed to be furnished or done by or on the part of the Contractor.

"New York."

(9) The words "New York" to mean the City of New York according to its boundaries at the date of this contract.

"Daily Newspaper."

(10) The words "daily newspaper" to mean any paper regularly published in New York on every day or every day except Sundays and holidays.

"Notice"—"Direction."

(11) The word "notice" to mean a written notice. The word "direction" to mean a written direction.

Wherever in the specifications or upon the drawings the words "directed," "required," "permitted," "ordered," "designated," "prescribed" or words of like import are used, it shall be understood that the direction, requirement, permission, order, designation or prescription of the Engineer is intended, and similarly the words "approved," "acceptable," "satisfactory," or words of like import shall mean approved by or acceptable or satisfactory to the Engineer.

Legal Address of Contractor—Address May Be Changed.

Article VI. The address given in the bid or proposal, upon which this contract is founded, is hereby designated as the place where all notices, directions and other communications to the Contractor shall be certified, mailed or delivered. The delivering at the above-named place or depositing in a post-paid wrapper directed to the above place, in any post-office box regularly maintained by the Post-office Department, of any notice, letter or other communication to the Contractor, shall be deemed sufficient service thereof upon the Contractor. Such address may be changed at any time by an instrument in writing executed and acknowledged by the Contractor and delivered to the Commission. Nothing herein contained shall be deemed to preclude or render inoperative the service of any notice, direction or other communication upon the Contractor personally.

Contractor Responsible for Acts of Sub-contractor's Employees.

Article VII. If the Contractor shall cause any part of this contract to be performed by a sub-contractor, the provisions of this contract shall apply to such sub-

contractor and his officers, agents and employees in all respects, as if he and they were employees of the Contractor; and the Contractor shall not be in any manner thereby discharged from his obligations and liabilities hereunder, but shall be liable hereunder for all acts and negligence of the sub-contractor, his officers, agents and employees as if they were employees of the Contractor. The employees of the sub-contractor shall be subject to the same provisions hereof as employees of the Contractor; and the work or materials furnished by the sub-contractor shall be subject to the provisions hereof, as if furnished directly by the Contractor.

Commission May Disapprove Sub-contractors.

Article VIII. The Contractor, before making any sub-contract of the work, shall state in writing to the Commission the name of the proposed sub-contractor, the portion of the work which such sub-contractor is to do or the materials which such sub-contractor is to furnish, the place of business of such sub-contractor and such other information as the Commission may require. The Commission shall have the right to require the Contractor not to award any sub-contract to a person, firm or corporation disapproved of by the Commission.

II.

Work to be Done, Prices, Etc.

Work to Be Done.

Article IX. The Contractor shall do all the work and furnish all the materials, plant, tools and appliances necessary or proper for performing and completing the work of constructing the Railroad in the manner and within the time hereinafter specified. He shall complete the Railroad and do all work and furnish all labor and materials in and about the construction of the Railroad to the satisfaction of the Commission and in accordance with this contract and the specifications and drawings herein mentioned at the prices herein agreed upon and fixed therefor; provided, however, that said contract drawings may from time to time be altered or modified as hereinafter provided.

Construction Includes Incidental Work.

Article X. In order to construct the Railroad it will be necessary to take up and relay the sidewalk pavement or other surface material, and to relay the pavement in the roadways, to protect, support and maintain during construction all buildings and other structures, including their foundations, and all surface and subsurface railroads, water mains, gas pipes, electric subways, poles and wires, pneumatic tubes, steam pipes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections, as the same may be met with along the route; to build sewers both along the route and other streets; to make or remake the necessary manholes, catch basins and other sewer connections therewith; to move, alter, readjust or rebuild water mains, gas pipes, electric subways, pneumatic tubes, steam pipes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections; and to do all such additional and incidental work as may be necessary for the completion of the Railroad and the reconstruction and restoration of the street pavements or other surfaces adjacent to the route of the Railroad and which may have been directly or indirectly disturbed or injured by the Contractor in the progress of the work of construction, to as useful and good a condition as existed before construction shall have been begun. All such work of every description, including underpinning, or the maintaining, protecting and securing, wherever necessary, of all buildings or structures of whatsoever nature, monuments, and surface railroads affected by or interfered with during the construction of the Railroad, is part of the work which is included in this contract and which the Contractor agrees to perform for the prices herein agreed upon.

Prices.

Article XI. The City will pay and the Contractor shall receive in full compensation for furnishing the necessary plant and all the materials and labor, and for performing and completing all the work which is necessary or proper to be furnished or performed in order to complete the Railroad (including all incidental work) and also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen obstruction or difficulty encountered in the prosecution of the work, and for all risks of any description connected with the work, and for all expenses incurred by or in consequence of the suspension or discontinuance of the work as herein specified, the following prices, to wit:

SCHEDULE OF UNIT PRICES.

Item 1. For earth excavation above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., the sum of Three 95-100 dollars ($3.95-100) per cubic yard.

Item 2-A. For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., the sum of Three 72-100 dollars ($3.72-100) per cubic yard.

Item 3. For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., the sum of Eleven 75-100 dollars ($11.75-100) per cubic yard.

Item 3-A. For rock excavation for sewers and pipes, including the disposal of it, etc., the sum of Seven 00-100 dollars ($7.00-100) per cubic yard.

Item 4. For underpinning buildings, including all incidental work, labor and material, as follows:

(*a*) For buildings less than seven (7) stories in height the sum of Sixty-nine 00-100 dollars ($69.00-100) per lineal front foot of building underpinned.

(*b*) For buildings from seven (7) to twelve (12) stories in height the sum of Seventy-eight 00-100 dollars ($78.00-100) per lineal front foot of building underpinned.

(*c*) For buildings over twelve (12) stories in height the sum of Eighty-nine 00-100 dollars ($89.00-100) per lineal front foot of building underpinned.

Item 4-E. For maintaining, protecting and securing buildings, including all incidental work, labor and material, the sum of Fifty-eight 00-100 dollars ($58.00-100) per lineal front foot of building maintained, protected and secured.

Item 6. For concrete masonry, in place, the sum of Eight 95-100 dollars ($8.95-100) per cubic yard.

Item 7. For protective concrete masonry, in place, outside of waterproofing, the sum of Eight 00-100 dollars ($8.00-100) per cubic yard.

Item 8. For rubble stone masonry, in place, the sum of Seven 50-100 dollars ($7.50-100) per cubic yard.

Item 8-A. For dry rubble masonry, in place, the sum of Seven 00-100 dollars ($7.00-100) per cubic yard.

Item 9. For brick masonry, in place, the sum of Twenty 00-100 dollars ($20.00-100) per cubic yard.

Item 10. For hollow terra cotta brick masonry of any thickness, in place, the sum of Eighteen 00-100 dollars ($18.00-100) per cubic yard.

Item 11. For grout of Portland cement, the sum of Two 00-100 dollars ($2.00-100) per barrel of Portland cement used.

Item 12. For timber piles, in place and prepared, the sum of Thirty-five cents ($0.35-100) per lineal foot.

Item 13. For timber foundations, placed and fastened, the sum of Fifty 00-100 dollars ($50.00-100) per thousand feet, board measure.

Item 14. For broken stone or gravel, in place, other than that used in concrete, the sum of Three 00-100 dollars ($3.00-100) per cubic yard.

Item 15. For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:

(*a*) For one-ply, the sum of Fifty-two cents ($0.52-100) per square yard.

(*b*) For two-ply, the sum of Seventy-eight cents ($0.78-100) per square yard.

(*c*) For three-ply, the sum of Ninety-two cents ($0.92-100) per square yard.

(*d*) For four-ply, the sum of One 25-100 dollars ($1.25-100) per square yard.

(*e*) For five-ply, the sum of One 55-100 dollars ($1.55-100) per square yard.

(*f*) For six-ply, the sum of One 85-100 dollars ($1.85-100) per square yard.

(*i*) For dry-ply, the sum of Forty-eight cents ($0.48-100) per square yard.

Item 16. for waterproofing, brick laid in asphalt mastic, in place, the sum of Twenty-eight 00-100 dollars ($28.00-100) per cubic yard.

Item 17. For vitrified or cast iron drain pipe, in place, as follows:

(*a*) For twelve (12) inch vitrified pipe, the sum of Eighty-five cents ($0.85-100) per lineal foot.

(*b*) For ten (10) inch vitrified pipe, the sum of Sixty-five cents ($0.65-100) per lineal foot.

(*c*) For eight (8) inch vitrified pipe, the sum of Fifty-five cents ($0.55-100) per lineal foot.

(*d*) For six (6) inch vitrified pipe, the sum of Forty-five cents ($0.45-100) per lineal foot.

(*e*) For four (4) inch vitrified pipe, the sum of Thirty cents ($0.30-100) per lineal foot.

(g) For six (6) inch cast-iron pipe, the sum of One 25-100 dollars ($1.25-100) per lineal foot.

(*h*) For four (4) inch cast-iron pipe, the sum of One 00-100 dollars ($1.00-100) per lineal foot.

Item 17-A. For cast-iron pipe and fittings, including specials, "extra heavy," in place, the sum of

(*a*) For three (3) inch, the sum of Sixty cents ($0.60-100) per lineal foot.

(*b*) For four (4) inch, the sum of Eighty-five cents ($0.85-100) per lineal foot.

(*c*) For six (6) inch, the sum of One 00-100 dollars ($1.00-100) per lineal foot.

(*d*) For eight (8) inch, the sum of One 50-100 dollars ($1.50-100) per lineal foot.

Item 18. For tunnel ducts in place as required by Section No. 407 of the Specifications, the sum of Ten cents ($0.10-100) per duct foot.

Item 19. For riveted steel, painted and erected, the sum of Sixty-seven 00-100 dollars ($67.00-100) per ton of two thousand pounds.

Item 20. For steel beams and shapes with connections, painted and erected, the sum of Sixty 00-100 dollars ($60.00-100) per ton of two thousand pounds.

Item 21. For steel rods and bars built in concrete, the sum of Fifty-five 00-100 dollars ($55.00-100) per ton of two thousand pounds.

Item 25. For miscellaneous iron castings (other than tunnel lining) such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes, in place, the sum of Eighty-five 00-100 dollars ($85.00-100) per ton of two thousand pounds.

Item 26. For special wire forms, in place, the sum of Seven cents ($0.07-100) per pound.

Item 27. For one and one-half (1½) inch galvanized iron pipe hand-rail, in place, including expansion bolts, etc., the sum of Fifty-two cents ($0.52-100) per lineal foot.

Item 28. For steel gratings, for ventilation, in place, including frames, etc., the sum of One 50-100 dollars ($1.50-100) per square foot.

Item 29. For vault lights, in place, the sum of One 90-100 dollars ($1.90-100) per square foot.

Item 30. For street surface restored:

(*a*) With curb lines, including curbs and all structures and growths therein or thereon, One 10-100 dollars ($1.10-100) per square yard.

(*e*) For repavement of roadways between curb lines with Asphalt pavement, the sum of Two 25-100 dollars ($2.25-100) per square yard.

(*f*) For repavement of roadways between curb lines with Belgian Block pavement, the sum of Two 50-100 dollars ($2.50-100) per square yard.

(*g*) For repavement of roadways between curb lines with Asphalt Block pavement, the sum of Three 25-100 dollars ($3.25-100) per square yard.

(*i*) For new blue stone curb, in place, including all incidental work, labor and material, the sum of One 45-100 dollars ($1.45-100) per lineal foot.

Item 31. For park surface restored (all classes), the sum of Two 50-100 dollars ($2.50-100) per square yard.

Item 32. For wrought-iron electric conduits, in place, in stations as follows:

(*a*) For three-fourths (¾) inch wrought-iron conduits, the sum of Twenty cents ($0.20-100) per lineal foot.

(*b*) For one and one-half (1½) inch wrought-iron conduits the sum of Thirty-two cents ($0.32-100) per lineal foot.

(*c*) For two (2) inch wrought-iron conduits the sum of Forty-one cents ($0.41-100) per lineal foot.

(*d*) For one (1) inch wrought-iron conduits, the sum of Thirty cents ($0.30-100) per lineal foot.

Item 33. For cast-iron outlet boxes, in place, in stations, the sum of One 15-100 dollars ($1.15-100) each.

Item 33-A. For cast-iron pull boxes, in place, in stations, the sum of Three 00-100 dollars ($3.00-100) each.

Item 34. For cast-iron pipe and fittings, including specials "extra heavy" in place, in stations, as follows:

(*a*) For six (6) inch the sum of One 25-100 dollars ($1.25-100) per lineal foot.

(*b*) For three (3) inch the sum of One 00-100 dollars ($1.00-100) per lineal foot.

Sewers.

Vitrified and Cast-iron Pipe.

Item 37. For twelve (12) inch vitrified pipe sewer, the sum of Two 15-100 dollars ($2.15-100) per lineal foot.

Item 38. For fifteen (15) inch vitrified pipe sewer, the sum of Three 15-100 dollars ($3.15-100) per lineal foot.

Item 39. For eighteen (18) inch vitrified pipe sewer, the sum of Four 00-100 dollars ($4.00-100) per lineal foot.

Item 40. For twenty (20) inch vitrified pipe sewer, the sum of Four 50-100 dollars ($4.50-100) per lineal foot.

Item 40-A. For twenty-two (22) inch vitrified pipe sewer, the sum of Four 75-100 dollars ($4.75-100) per lineal foot.

Item 41. For twenty-four (24) inch vitrified pipe sewer, the sum of Five 00-100 dollars ($5.00-100) per lineal foot.

Item 42. For cast-iron sewer pipe (straight pipe) in place, in the works, the sum of Forty-seven 00-100 dollars ($47.00-100) per ton of two thousand pounds.

Item 43. For cast-iron sewer pipe (special castings) in place, in the work, the sum of Seventy 00-100 dollars ($70.00-100) per ton of two thousand pounds.

Egg-shaped Brick or Concrete Sewers.

Item 45. For 3 feet 6 inches by 2 feet 4 inches, the sum of Six 15-100 dollars ($6.15-100) per lineal foot.

Item 49. For 4 feet 6 inches by 3 feet, the sum of Nine 00-100 dollars ($9.00-100) per lineal foot.

Item 50. For 4 feet 9 inches by 3 feet 2 inches, the sum of Twelve 00-100 dollars ($12.00-100) per lineal foot.

Circular Sewers—Brick or Concrete or Reinforced Concrete.

Items 52 to 66.

Item 52. For 3 feet 9 inches, the sum of Nine 00-100 dollars ($9.00-100) per lineal foot.

Item 54-A. For 4 feet 6 inches, the sum of Twelve 00-100 dollars ($12.00-100) per lineal foot.

Surface and Subsurface Structures.

(*Except for Sewers.*)

Item 75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed, in excess of the number existing), as follows:

(*a*) For electric (underground trolley) railroads, the sum of Ten 00-100 dollars ($10.00-100) per lineal foot of single track.

(*b*) For horse, storage battery or other independent motor operated railroads, the sum of Eight 00-100 dollars ($8.00-100) per lineal foot of single track.

Pipes in Streets.

For Work and Materials as Called for by the Specifications.

Water and Gas Pipes.

Water Pipes.

For water pipes in place, as follows:

Item 79. For 6-inch water pipe, the sum of Ninety cents ($0.90-100) per lineal foot.

Item 82. For 12-inch water pipe, the sum of One 50-100 dollars ($1.50-100) per lineal foot.

Item 84. For 20-inch water pipe, the sum of Three 00-100 dollars ($3.00-100) per lineal foot.

Item 87. For 36-inch water pipe, the sum of Seven 00-100 dollars ($7.00-100) per lineal foot.

Gas Pipes.

For cast-iron gas pipes in place, as follows:

Item 90. For 4-inch gas pipe, the sum of One 10-100 dollars ($1.10-100) per lineal foot.

Item 91. For 6-inch gas pipe, the sum of One 40-100 dollars ($1.40-100) per lineal foot.

Item 92. For 8-inch gas pipe, the sum of One 60-100 dollars ($1.60-100) per lineal foot.

Item 94. For 12-inch gas pipe, the sum of Two 00-100 dollars ($2.00-100) per lineal foot.

Item 95. For 16-inch gas pipe, the sum of Three 00-100 dollars ($3.00-100) per lineal foot.

Item 95-A. For 18-inch gas pipe, the sum of Three 75-100 dollars ($3.75-100) per lineal foot.

Item 96. For 20-inch gas pipe, the sum of Four 00-100 dollars ($4.00-100) per lineal foot.

Item 97. For 24-inch gas pipe, the sum of Four 50-100 dollars ($4.50-100) per lineal foot.

Item 98. For 30-inch gas pipe, the sum of Five 25-100 dollars ($5.25-100) per lineal foot.

Item 99-A. For wrought-iron by-passing pipes upon or below the street surface. in place, as follows:

(*a*) For 6-inch by-passing pipe, the sum of Two 60-100 dollars ($2.60-100) per lineal foot.

(*b*) For 8-inch by-passing pipe, the sum of Three 70-100 dollars ($3.70-100) per lineal foot.

(*d*) For 12-inch by-passing pipe, the sum of Six 90-100 dollars ($6.90-100) per lineal foot.

(*e*) For 16-inch by-passing pipe, the sum of Nine 25-100 dollars ($9.25-100) per lineal foot.

(*f*) For 20-inch by-passing pipe, the sum of Thirteen 10-100 dollars ($13.10-100) per lineal foot.

Item 99-C. For wrought-iron gas pipes, in place, as follows:

(*b*) For six (6) inch gas pipe, the sum of Two 50-100 dollars ($2.50-100) per lineal foot.

(*d*) For ten (10) inch gas pipe, the sum of Four 00-100 dollars ($4.00-100) per lineal foot.

New Water and Gas Pipe.

Item 100. For new cast-iron hub and spigot straight pipe actually used, as measured in place in the work, the sum of Forty 00-100 dollars ($40.00-100) per ton of two thousand pounds.

Item 100-A. For new standard weight gas pipes, true wrought iron, threads and couplings included, actually used, as measured in place in the work, as follows:

(*b*) For six (6) inch gas pipe, the sum of Three 00-100 dollars ($3.00-100) per lineal foot.

(*d*) For ten (10) inch gas pipe, the sum of Four 50-100 dollars ($4.50-100) per lineal foot.

Item 101. For new cast-iron hub and spigot pipe, special castings, actually used, as measured in place in the work, the sum of Seventy-five 00-100 dollars ($75.00-100) per ton of two thousand pounds.

Item 101-A. For new malleable iron fittings for new wrought-iron gas pipe actually used, as measured in place in the work, the sum of Five cents ($0.05-100) per pound.

High Pressure Fire System Pipes, Standard Spigot and Grooves.

For high pressure fire system pipe in place, as follows:

Item 102. For 8-inch high pressure fire system water pipe, the sum of Two 50-100 dollars ($2.50-100) per lineal foot.

Item 103. For 12-inch high pressure fire system water pipe, the sum of Three 55-100 dollars ($3.55-100) per lineal foot.

Item 104. For 16-inch high pressure fire system water pipe, the sum of Four 50-100 dollars ($4.50-100) per lineal foot.

New Cast-Iron Spigot and Groove Pipe for High Pressure Fire System.

Item 107. For new cast-iron spigot and groove straight pipe actually used, as measured in place in the work, the sum of Forty 00-100 dollars ($40.00-100) per ton of two thousand pounds.

Item 108. For new cast-iron spigot and groove pipe, special castings, actually used, as measured in place in the work, the sum of Seventy-five 00-100 dollars ($75.00-100) per ton of two thousand pounds.

Air Pipes.

For air pipe in place, as follows:

Item 121. For 6-inch air pipe, the sum of One 25-100 dollars ($1.25-100) per lineal foot.

Item 122. For 8-inch air pipe, the sum of Two 00-100 dollars ($2.00-100) per lineal foot.

New Air Pipe Delivered on the Work.

Item 123. For new 6-inch air pipe, delivered on the work, the sum of Two 00-100 dollars ($2.00-100) per lineal foot.

Item 124. For new 8-inch air pipe, delivered on the work, the sum of Three 00-100 dollars ($3.00-100) per lineal foot.

DUCTS IN STREETS.

Electric Ducts and Conduits in Streets.

[Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-(a).]

Item 127. For electric ducts and conduits in place, as provided in Section No. 62 of the Specifications, the sum of Thirty cents ($0.30-100) per duct foot.

Item 127-A. For wrought-iron pipe used as electric ducts and conduits in place, as provided in Section No. 62 of the Specifications:

(*a*) For 2½-inch wrought-iron pipe, the sum of Sixty cents ($0.60-100) per lineal foot.

(*b*) For 3-inch wrought-iron pipe, the sum of Ninety cents ($0.90-100) per lineal foot.

(*c*) For 3½-inch wrought-iron pipe, the sum of One 00-100 dollars ($1.00-100) per lineal foot.

(*d*) For 4-inch wrought-iron pipe, the sum of One 50-100 dollars ($1.50-100) per lineal foot.

Quantities.

Work not Susceptible of Classification.

Article XII. In case any work or materials shall be required to be done or furnished in or about the Works—whether specified herein or indicated on the plans or not—which are not susceptible of classification under the Schedule of Unit Prices, the Contractor shall and will, if ordered by the Engineer, do and perform such work and furnish such materials at and for the actual and necessary net cost in money to the Contractor for labor and for material, where new material is used, and in addition thereto ten (10%) per centum of such net cost for the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material, and the Contractor shall have no further claim in excess of the above; but this method of payment shall not apply to the performance of any work or the furnishing of any material which in part or in whole is susceptible of classification under such schedule, which work or material shall be paid for in part or in whole, as the case may be, at the unit price given in such schedule, except as herein otherwise *expressly* provided.

Daily Report in Detail Required.

In case any work or material shall be required to be done or furnished under the provisions of this Article, for cost plus ten (10%) per centum, the Contractor shall at the end of each day during the progress thereof furnish to the Engineer daily time slips showing the name and number of each workman employed thereon, the number of hours employed thereon, the character of work he is doing and the wages paid or to be paid to him, and also a daily memorandum of the material delivered on the work showing the amount and character of such material, from whom purchased and the amount paid or to be paid therefor. If required, the Contractor shall produce any books, vouchers, records or memoranda showing the work and materials actually paid for and the actual prices therefor.

In lieu of the provision hereinbefore in this article contained for paying for work and materials which are not susceptible of classification under the Schedule of Unit Prices (including the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material), the Engineer may in his discretion, but only with the approval of the Commission, fix and determine unit prices for such labor and materials (including the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material), or a lump sum price therefor. Such additional unit prices or such lump sum price shall be embodied in a Supplemental Schedule and shall be filed by the Engineer in his office. If the Contractor shall notify the Engineer in writing that he will not accept the price or prices fixed and determined as aforesaid he shall be paid in accordance with the provisions of the first two paragraphs of this article.

Quantities Approximate Only.

Article XIII. It is expressly understood and agreed that the quantities of the various classes of work to be done and materials to be furnished under this contract, specified in the Contractor's Proposal, are approximate and only for the purpose of comparing, on a uniform basis, the bids offered for the Works under this contract; and neither the City, nor the Commission, nor any member of the Commission, is to be held responsible that any of the said estimated quantities shall, by reason of inaccuracies, or changes in the Works, be found even approximately correct in the construction of the Works; and the Contractor shall make no claim for anticipated profit, or for loss of profit, because of a difference between the quantities of the various classes of work actually done or materials actually delivered, and the estimated quantities stated in the Contractor's Proposal.

Right of Commission to Amplify Plans.

Article XIV. The Commission shall have the right, during the progress of the work, to amplify the plans, to add explanatory specifications and to furnish additional specifications and drawings.

Plans May be Modified.

Article XV. The Commission further reserves the right to change the location and to alter, in any way it may deem necessary for the public interests, the drawings aforesaid, in part or altogether, at any time during the progress of the work, without constituting grounds for any claim by the Contractor for payment or allowance for damages or extra service other than is provided for items of the different classes of construction shown in the schedule, or where not susceptible of classification, then as otherwise provided herein.

Contractor Bound to Complete in Best Manner.

Article XVI. The Contractor shall complete the entire work in accordance with the specifications and contract drawings and according to the other provisions of this contract and within the times specified in this contract, in the most workmanlike manner and with the highest regard to the safety of life and property and according to the lines, levels and directions given by the Engineer, for the prices herein agreed upon.

Best Materials, Machinery, Tools, Etc., to be Used.

Article XVII. The Contractor shall furnish of the best description all materials, machinery, implements, tools and labor necessary to construct and put in complete working order all work covered by the specifications, contract drawings and provisions of this contract, including all additional specifications, drawings and details issued or required as herein provided for the prices hereinbefore agreed upon.

Contractor Has Examined Location, Plans, Etc.

Article XVIII. The Contractor hereby represents that prior to the execution of this contract he has examined in detail on the ground the location mentioned herein and indicated on the plans, and that he has fully examined the plans and has read each and every clause and section of this contract and the specifications and has had full opportunity to consider the same and make necessary investigations relating thereto; and he agrees that he will not make any claim for, or have any right to, damages or an extension of time for completion of the Works, or any other concession, because of any misinterpretation or misunderstanding of this contract or the specifications or of the plans, or because of any lack of information.

No Acceptance to Obviate the Necessity for Sound Work, Etc.

Article XIX. No acceptance of any part of the Works or of materials therefor shall relieve the Contractor of his obligation to furnish sound material and perform sound work, whether with respect to such part or to any part of the Works.

Inspection.

Article XX. The Commission contemplates, and the Contractor hereby approves, the most thorough and minute inspection by the Commission and its Engineer, and by their representatives or subordinates, of all work and materials and of the manufacture or preparation of such materials from the beginning of Construction to the final completion of the Works. It is the intention of the Commission that its Engineer shall draw the attention of the Contractor to all errors or variations from the requirements of this contract or other defects in workmanship or materials. But it is expressly agreed that no omission on the part of the Commission or its Engineer or any officer, member or subordinate of the Commission to point out such errors, variations or defects shall give the Contractor any right or claim against the City or shall in any way relieve the Contractor from his obligations according to the terms of this contract.

Contractor to Afford Facilities for Inspection.

Article XXI. The Contractor shall at all times give to the Commission and its members, to the Engineer and his assistants and subordinates, and any person designated by the Commission or its Chairman, all facilities, whether necessary or convenient, for inspecting the materials to be furnished and the work to be done under this contract. The members of the Commission, the Engineer and all employees of the Commission bearing his authorization or the authorization of the Commission or its Chairman, shall be admitted at any time summarily and without delay to any part of the Works or to inspection of materials at any place or stage of their manufacture, preparation, shipment or delivery.

Engineer to Be Furnished Facilities.

Article XXII. The Engineer shall be furnished with every reasonable facility for ascertaining whether the work is in accordance with the requirements and intention of this contract, even to the extent of uncovering or taking down portions of finished work. Should the work thus exposed or examined prove satisfactory, the uncovering or taking down and the replacing of the covering or the making good of the parts removed shall be paid for at the contract prices for the class of work done; but should the work exposed or examined prove unsatisfactory, such uncovering, taking down, replacing and making good shall be at the expense of the Contractor.

Inspection Not to Relieve Contractor of Obligations.

Article XXIII. The inspection of the work shall not relieve the Contractor of any of his obligations to fulfill his contract as herein prescribed, and defective work shall be made good and unsuitable materials will be rejected, notwithstanding that such work and materials have been previously overlooked by the Engineer and accepted or estimated for payment. If the work or any part thereof shall be found defective before the final acceptance of the whole work, the Contractor shall forthwith make good such defect, in a manner satisfactory to the Engineer, and if any material brought upon the ground for use in the work, or selected for the same, shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials.

Engineer's Determination—To Be Final and Conclusive upon Contractor.

Article XXIV. To prevent disputes and litigations, the Engineers shall in all cases determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this contract; shall determine all questions in relation to the Works and the construction thereof, and shall in all cases determine every question which may arise relative to the fulfillment of this contract on the part of the Contractor. His determination and estimate shall be final and conclusive upon the Contractor, and in case any question shall arise between the parties hereto, touching this contract, such determination and estimate shall be a condition precedent to the right of the Contractor to receive any money under this contract.

Engineer to Explain.

Article XXV. The Engineer shall make all necessary explanations as to the meaning and intention of the specifications, shall give all orders and directions contemplated therein or thereby and in every case in which a difficult or unforeseen condition shall arise in the performance of the work required by this contract.

Other Contractors.

During the progress of the work it will be necessary for other contractors and persons to do work in or about the construction or equipment of the Railroad. The Contractor shall afford to such other contractors or persons such facilities as the Engineer may require.

Differences Between Contractor and Other Contractors.

Any difference or conflicts which may arise between the Contractor and other contractors of the Commission in regard to their work shall be adjusted and determined by the Engineer.

Substitute for Chief Engineer.

Article XXVI. Any engineer substituted by the Commission in place of the Chief Engineer during his absence, illness or inability or when the Commission shall so determine, shall, during his official connection, have all the power and authority of the Chief Engineer, and in all respects be recognized as such Chief Engineer.

III.

SPECIFICATIONS.

Specifications and Drawings Subject to Requirement of Railroad of Highest Class—Where Text of Contract Doubtful, Best Materials and Workmanship Required.

Section No. 1. The specifications and contract drawings hereinafter mentioned and taken in connection with the other provisions of this contract, are intended by the Commission to be full and comprehensive, and to show all the work required to be done. But in a work of this magnitude it is impossible either in advance to show all details, or precisely to forecast all exigencies. The specifications and contract drawings are to be taken, therefore, as indicating the amount of work, its nature and the method of construction so far as the same are now distinctly apprehended. The Railroad is intended to be constructed for actual use and operation as an interurban railroad of the highest class, adapted to the necessities of the people of New York, in the best manner, according to the best rules and usages of railroad construction, and in the event of any doubt as to the meaning of any portion or portions of the specifications or contract drawings, or of the text of the contract, the same shall be interpreted as calling for the best construction, both as to materials and workmanship, capable of being supplied or applied under the then existing local conditions. All the clauses of the specifications, and all the parts of the contract drawings, are, therefore, to be understood, construed and interpreted as intending to produce the results hereinbefore stated.

To Construct in Accordance With Specifications.

Section No. 2. The Contractor shall construct and complete the Railroad strictly in accordance with the requirements of these specifications; if, in the specifications or contract, any detail or other matter or thing requisite be not mentioned, nevertheless the same is deemed to be included and the Contractor hereby undertakes to do the same as part of the work hereunder, at the unit prices for each class of work where applicable or as provided in Article XII. of the contract.

Maps and Drawings.

Section No. 3. The contract plans referred to in the contract and specifications are each countersigned by the Engineer, stamped with the seal of the Commission and, except typical plans hereinbelow designated, bear the general title:

ROUTE No. 5, SECTION No. 4.
Contract Drawing No.

and are designated or numbered as follows:

A-6, A-7, B-233 to B-235 inclusive, B-245, C-1 to C-16 inclusive, C-401 and C-601, and are dated April 16, 1913,

and the following typical plans all of which are countersigned by the Engineer, stamped with the seal of the Commission and bear the general title:

Contract Drawing No.

and are designated or numbered as follows:

B-231, B-232, B-249 and C-1001, and are dated April 16, 1913.

A-4 to A-7, inclusive, B-231, B-232, B-240 to B-244, inclusive, B-247, C-1 to C-24, inclusive, C-401 and C-1001.

Typical Sections and Dimensions.

Section No. 4. The sections and dimensions shown on the contract drawings are typical sections and dimensions which should be applicable to the greater part of the work. Working drawings will be made up and supplied to the Contractor as rapidly as practicable after the contract is closed. The Contractor will furnish a statement showing the order in which he desires these plans, to facilitate the prosecution of his work, and this order will be followed as far as possible. Where, however, changes are deemed necessary they may be ordered under Article XV. of the contract and the Engineer shall issue such plans and specifications as may be necessary.

Supplementary Drawings.

Section No. 5. In addition to the contract drawings already mentioned, the Commission has had prepared a set of maps and plans, bearing the same seal and general title as the contract-drawings, but designated as Supplementary Drawings. These supplementary drawings exhibit certain information which the Commission has received from its Engineer of the general nature of the soil underlying portions of the route, the nature and position of surface railways, water mains, gas and other pipes, sewers, electric subways, manholes, hydrants, catch basins and other surface, subsurface and overhead structures.

Supplementary Drawings May Be Examined.

Section No. 6. These supplementary drawings can be seen at the office of the Engineer, also samples of material taken in connection with test borings. They are exhibited to the Contractor without any guarantee on the part of the Commission as to their completeness or correctness. The Contractor may have copies (blue-prints) of these drawings for such aid, if any, as may be derived from them, on the payment of the cost of blue-printing.

In Case of Difficulties Not Indicated on Supplementary Drawings.

Section No. 7. If, in the prosecution of the work, difficulties of any nature be encountered which are not indicated or suggested by the supplementary drawings, or by the samples of the test borings, or if additional surface, subsurface or overhead structures or obstructions be discovered or found of different size or in different positions or of different nature from those shown on the supplementary drawings, or if in any way such supplementary drawings be found erroneous, the Contractor shall take every necessary or proper precaution to overcome the unforeseen difficulty, and is to support, maintain, protect, remove, relay, adjust or readjust, as the case may be, the additional or different surface, subsurface or overhead structures according to the direction of the Engineer, and as provided in this contract and these specifications.

Specifications Not Exclusive.

Section No. 8. It is expressly understood that the specifications do not include all requirements, but are requirements in addition to those heretofore or elsewhere given or provided in this contract. The specifications and other provisions of this contract, and the contract drawings, are intended to be explanatory of each other. Should, however, any discrepancy appear or any misunderstanding arise as to the import of anything contained in either, the explanation of the Engineer shall be final and conclusive.

Subdivisions of Specifications.

Section No. 9. These specifications are grouped in subdivisions as follows:

1. Brief description of the work.
2. General clauses.
3. General manner of prosecution and maintenance of traffic.
4. Street railroad tracks, mains and other surface, subsurface and overhead structures.
5. Excavation.
6. Backfilling.
7. Piling and timbering.
8. Cement.
9. Mortar.
10. Masonry.
11. Concrete.
12. Brick masonry.
13. Stone masonry.
14. Waterproofing.
15. Steel and iron.
16. Painting.
17. Drains and pumps.
18. Sewers.
19. Requirements for pipes.
20. Ducts.
21. Conduits.
22. Surfaces restored.
23. Gratings, hand-rails, etc.
24. Special matters.

1.

Brief Description of the Work.

General Nature.

Section No. 10. The Rapid Transit Railroad which is hereinbefore described is to be an underground railroad or subway. The general details of construction and the location of the various tracks, junctions, grades, etc., are indicated more particularly on the contract drawings.

The Contractor will not be required to provide or lay tracks, ties or ballast under this contract.

Stations to Be Constructed.

Stations are to be constructed at such places as are indicated on the plans, but station finish work is not included in the work to be done under this contract. Station construction must, however, be kept so advanced that station finish contractors can complete their work coincidently with the completion of the Railroad.

Surface and Subsurface Structures.

Section No. 11. In addition to the construction of the Railroad, it will be necessary to do various incidental work which is generally referred to in Article X hereof.

Ventilating Chambers and Gratings.

Section No. 12. In order to provide for a frequent renewal of air in the Railroad, chambers for the installation of necessary ventilating devices shall be built at the sides of the Railroad and in connection therewith. These chambers shall be generally of the form and dimensions as shown on the plans, varying somewhat with the requirements of local conditions. They will be so arranged that the air will discharge through gratings placed generally in the sidewalks in the roofs of the chambers. If, owing to local conditions, it becomes necessary to lead the air to gratings or other outlets away from the chambers, suitable air-ways, ducts or flues shall be constructed.

The chambers will be built at the places and as indicated on the plans.

Payment for Chamber Doors.

The chambers will be provided with suitable steel doors and with steel ladders reaching to the street for use as exits in case of emergency. Such doors and ladders will be paid for as riveted steel, Schedule Item 19.

Also in connection with the ventilation of the Railroad partition walls shall be constructed between the tracks, and in general shall be arranged as follows:

In four-track subways, between the two center tracks.

Refuse Niches.

Openings, or refuse niches, shall be provided in all partition walls at suitable intervals.

At stations the walls between the tracks will be omitted.

Other openings with gratings will be built at or over the stations, for the purpose of admitting air to the Railroad.

2.

General Clauses.

Prevention of Water Percolation.

Section No. 13. It is the very essence of these specifications to secure a railroad structure underground which shall be free from the percolation of ground or outside water. The mixing and placing of the concrete and the placing and protection of the waterproofing shall be with this end in view.

Best Quality of Work.

Section No. 14. All materials and workmanship must be of the best class in every respect, and the Engineer is to be the sole judge of their quality and efficiency.

Rapidity and Safety.

Section No. 15. All the work shall be prosecuted in the manner, according to local conditions, best calculated to promote rapidity in construction, to secure safety to life and property and to reduce to the minimum any interference with abutting property and the public travel. Decking of the streets, paving, or other surface work affecting, or affected by, street traffic shall be prosecuted during such hours as will reduce such interference to a minimum. Night work shall be conducted, in accordance with the directions of the Engineer, so that annoyance to occupants of abutting property shall be reduced to a minimum, and the Engineer may, if in his judgment conditions so require, direct that night work be omitted.

Contract Section Part of System.

Section No. 16. The contract section embraced in this contract is one of a number of contract sections forming part of an extensive rapid transit railroad system, which the interests of the City imperatively require should be completed and put in operation without delay. If the Contractor shall fail so to prosecute his work that, in the judgment of the Engineer, it shall not be reasonably probable that the work will be completed within the time limits, the Contractor, if directed by the Commission, shall increase the number of shifts and the number of men in each shift as may be necessary to insure the completion of the work within the time required by this contract, or within the shortest possible time thereafter.

Emergencies.

Section No. 17. In case of emergencies involving danger to life or property, continuous work with an increased force may be ordered by the Engineer for such time as may be necessary.

Permits.

Section No. 18. No work shall be begun until the Commission shall issue to the Contractor a permit authorizing him to proceed. No permits for excavation will be issued until the Contractor has given satisfactory assurances to the Engineer that the structural iron and steel and other material needed for construction will be available. The Contractor must conduct his work so as to avoid advancing the execavation at any place ahead of the delivery on the work or on property owned or leased by the ity of the structural iron and steel required for such place, unless otherwise permitted by the Engineer. The permits are to be in such form and shall cover such portions of the work as the Commission shall prescribe.

When to Be Filed With Borough President.

Section No. 19. Before any opening is made in the surface of a street, a copy of the permit issued by the Commission shall have been filed with the Borough President not less than five (5) days, unless the Engineer shall expressly direct work to begin within a less period.

Notice Regarding Commencement of Work.

Section No. 20. Before commencing work on any part of the route, whether on the Railroad or on the sewers lying off the line of the Railroad, the Contractor shall give notice in writing to the Engineer at least one (1) week in advance of his intention to commence such operations; and before commencing manufacture, or resuming manufacture, if the same has been suspended, of any article called for by these specifications, notice shall be given to the Engineer in writing at least one (1) week in advance, with the name and address of the maker and the amount and description of the material to be manufactured.

Shafts and Dumping Platforms.

Section No. 21. The Contractor shall prosecute the work of construction under the provisions of this contract from working shafts located at three points as shown on the contract drawings, in Union Square, in Broadway near Waverly Place and at Bond Street.

Plans Required.

Detailed plans showing the construction of such shafts, dumping platforms and all other appurtenances in connection with the shaft working plants shall be submitted to the Engineer and receive his approval before permits will be granted for such plants and appurtenances to be constructed and put in operation.

Payment for Shafts.

The Contractor will be paid for the excavation of the working shafts and the cross-connections between the shafts and the subway, when such shafts and cross-connections are located outside of or partially outside of the net outside width of the Railroad structure, at the prices herein stipulated for excavation, Schedule Items 1 and 3. Upon the completion of the work of construction the Contractor shall backfill such shafts and cross-connections. The cost of such backfilling will be included in the prices stipulated for excavation, Items 1 and 3. All other work, labor and material in connection with the shafts and the shaft working plants must be provided by the Contractor at his own cost.

Ordinances and Regulations.

Section No. 22. In all operations connected with the Works, all ordinances of the City, and of the Board of Health, so far as they may be valid and operative with respect thereto, and all laws of this State which are now applicable to and control or limit in any way the actions of those engaged in the work or affecting the materials belonging to them, shall be respected and strictly complied with, and the Contractor shall further strictly comply with all applicable Federal, State and Municipal regulations regarding the transportation in and around the City and Harbor of materials used in, or in connection with, the work.

Requirements of Borough President, etc., to Be Observed.

Section No. 23. Whenever the construction of the Works under the provisions of this contract shall interfere with, disturb or endanger any sewer, water pipe, gas pipe, or other duly authorized subsurface structure, the work of construction at such points shall be conducted in accordance with the reasonable requirements of the Borough President or the Commissioner of Water Supply, Gas and Electricity or other officer or local authority having the care of and the jurisdiction or control over such subsurface structures so interfered with, disturbed or endangered.

Building and Water Permits; Shut-Offs for Water Pipes, etc.

Section No. 24. The Contractor shall procure all permits necessary or requisite for the underpinning of buildings and the reconstruction thereof; he shall, at his own cost, provide for the water supply necessary for his work and he shall bear the cost of any inspection charge in connection therewith. He shall bear the expense absolutely necessary in the bagging of gas pipes where it is necessary to cut off the supply of same, except where it is necessary to resort to by-passing as provided in Section No. 52, and of the shutting off and restoration of the flow in water mains where such work applies to the maintenance and support thereof as provided in Section No. 59 of the specifications.

Storage on Cross Streets.

Section No. 25. On cross streets adjacent to the work, only such material may be stored as may be necessary, in case of an emergency, to sheet or to support the excavation; or a reasonable amount of such structural and other material as may be absolutely necessary to avoid delay in construction may be stored; such material must not be allowed to accumulate, but must be replenished from day to day. The amount to be so allowed shall be determined by the Engineer.

No material of any nature shall be stored along the streets occupied by the Railroad.

Material Stored.

Section No. 26. Excavated sand, gravel or stone that in the judgment of the Engineer is suitable for use in mortar, concrete, or masonry, also structural and other material to be used in the work, may be stored in such locations and for such periods as are approved by the Engineer.

Approval of Engineer Revocable.

Section No. 27. In any case material may be so stored only with the approval of the Engineer, revocable at any time; and if so ordered, such material shall be removed immediately on receipt of the order, or within a period of time to be therein stated.

Access to Fire Hydrants.

Section No. 28. Wherever the work is being carried on, free access must be given to every fire hydrant and fire alarm box, and when required, hydrants shall be extended by suitable tube or piping to an accessible point as approved by the Engineer, and to the satisfaction of the Chief of the Fire Department. Materials must not be piled at any time or place within ten (10) feet of any fire hydrant or fire alarm box; and where materials are unavoidably piled or placed in the vicinity of a fire hydrant or fire alarm box, and to such height as to obscure a sight of the same, the position of such hydrant or fire alarm box shall be indicated by suitable signals, both day and night.

Inspection by Bureau of Fire Alarm Telegraph.

The Contractor shall guard, maintain and protect the existing wires, cables, ducts, manholes, posts and poles of the Fire Department. He shall not cause the interruption of the existing Fire Department Fire Alarm Telegraph service. No Fire Department wire, cable, duct, manhole, post or hole shall be disturbed except in the presence of a representative of the Bureau of Fire Alarm Telegraph. In case of the disturbance of any of the former, the same shall be restored to its existing condition by the Contractor at his own expense.

Work to Be Cleared.

Section No. 29. At his own expense and as directed from time to time by the Engineer, the Contractor is to clear the work, streets and all public places occupied by him of all refuse and rubbish that may accumulate from any source whatever and leave them in a neat condition; but this is in no way to be construed as placing upon the Contractor the usual duties of the Street Cleaning Department.

Assistance to Be Rendered to Owners of Buildings.

Section No. 30. Where access to any adjacent property is temporarily cut off, owing to the occupancy of the street by the Contractor, he must, at his own cost, render every assistance to the owner or occupant in handling such materials of any description, including all material to be removed by the Department of Street Cleaning, that has to be taken to or removed from such property; such material shall be taken to or from the nearest accessible point that in the opinion of the Engineer is convenient for handling.

Waste Material.

Section No. 31. Waste material of any character will under no conditions be permitted to remain on the streets, but must immediately on its becoming unfit for use in the work be carted away and disposed of by the Contractor as hereinbefore provided; nor shall such materials be allowed to accumulate in the trenches.

Conveniences for Men.

Section No. 32. Necessary conveniences, properly secluded from public observation, shall be constructed and maintained by the Contractor at his own expense wherever needed for the use of the Contractor's employees, to the satisfaction of the Engineer and the sanitary authorities.

Fences.

Section No. 33. Wherever necessary the Contractor shall erect and maintain at his own expense fences for the protection of adjoining property and of the adjoining public places. (See Section No. 427.)

Advertisements Forbidden.

Section No. 34. The using of fences and buildings during construction for advertising purposes, other than the name and address of the Contractor, is forbidden; all temporary buildings and fences erected by the Contractor shall be neat in appearance and shall be painted as directed by the Engineer.

Barricades.

Section No. 35. Barricades and bridges shall be erected by the Contractor at his own cost, for the protection of the work or use of the public; they shall be substantial in character and neat in appearance.

Detailed Drawings.

Section No. 36. The Engineer will prepare and furnish to the Contractor, from time to time as required, drawings and plans amplifying such details of the contract drawings as may be necessary, and drawings and plans necessary to show the adjustment and reconstruction of all surface and subsurface structures wherever the reconstruction of the same is necessitated by the construction of the Railroad. These plans must be strictly followed, unless local conditions should develop during construction, suggesting changes, when, with the approval of the Engineer, such changes may be permitted.

Working and Shop Drawings.

Section No. 37. The Contractor shall make all working or shop drawings which may be required in addition to the contract drawings, or in addition to such other drawings as the Commission may issue in amplification of such contract drawings, as explained above. All working or shop drawings shall be submitted in duplicate to the Engineer for his approval, which approval shall be indicated by his countersigning one set of such working or shop drawings and returning the same to the Contractor. Should the working or shop drawings be not approved by the Engineer, then the Engineer shall return one set of such working or shop drawings, with the necessary corrections and changes indicated thereon; and the Contractor must make such corrections and changes, and again submit plans in duplicate for the approval of the Engineer; and no work called for by said working or shop drawings shall be done until the approval of the Engineer be obtained, which must be given or refused within twenty (20) working days after delivery to him at his office of such plans in duplicate.

Lines and Grades.

Section No. 38. During the progress of the work the Commission will give, through the Engineer, to the Contractor, suitable points, marks or benches, indicating the line and grade of the Railroad and of the sewers; such points or bench marks to be established at such intervals as the Engineer deems necessary for the Contractor to be able to perform his work. The principal lines and grades are to be given by the Engineer, who may change them from time to time as may be authorized and directed by the Commission. The stakes and marks given by the Engineer shall be carefully preserved by the Contractor, who shall give to the Engineer all necessary assistance and facilities for establishing benches and plugs and for making measurements.

Notice, How Given.

Section No. 39. When the Contractor is absent from any part of the work where it may be necessary to give instructions, orders will be given by the Engineer to, and shall be received and promptly obeyed by the superintendent or overseer of the Contractor, who may have charge of the particular work in relation to which the orders are given, and a confirmation in writing of such orders will be given to the Contractor by the Engineer if so requested.

Imperfect Work.

Section No. 40. Any imperfect construction which may be discovered before the final acceptance of the work, shall be corrected immediately on the requirement of the Engineer and at the Contractor's expense, notwithstanding that it may have been overlooked by the proper inspector.

Damaged Work to Be Replaced.

Section No. 41. All work of whatever kind which during its progress and before its final acceptance shall become damaged from any cause shall be broken up or removed and be replaced by good and sound work at the Contractor's expense.

Condemned Materials to be Removed.

Section No. 42. If any material brought on the ground for use in the work or selected for the same shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials as may be directed by the Engineer.

Competent Men.

Section No. 43. The Contractor shall employ only competent, skillful and faithful men to do the work. Whenever the Engineer shall notify the Contractor in writing that in his opinion any man on the work is incompetent, unfaithful or disorderly, such man shall be discharged from the work and shall not again be employed on it.

3.

General Manner of Prosecution and Maintenance of Traffic.

Access to Buildings, Etc.

Section No. 44. No building shall, without the consent of the occupant, and after notice to the Engineer, be deprived of means of access thereto, and, where streets are open suitable bridges shall be built and maintained, at the Contractor's expense, to permit owners and occupants to reach their premises. Where necessary, proper and easy means for passengers to reach or leave street cars shall be maintained.

Contiguous Contract Sections.

Section No. 45. On the division line of contiguous contract sections, the Engineer will decide any matters in the details of construction within a limit of twenty feet on either side of the line where the work of contractors may be in conflict, and direct which of the contractors shall complete the details of construction within such limits.

Conduct of Work.

Section No. 46. Generally the Contractor will be permitted to conduct his work in the most expeditious manner possible, having due regard for the safety of persons and property and facilities for traffic and under such instructions as the Engineer may give from time to time.

Facilities for Travel.

Section No. 47. All necessary facilities are to be furnished by the Contractor for the benefit of street travel, both on longitudinal and cross streets.

Decking of Streets and Sidewalks.

Section No. 48. In order to provide the minimum interference with traffic and the minimum inconvenience to abutting property owners, during the construction of the Railroad, on all parts of the work the streets and sidewalks shall, except as hereinafter specifically provided, be substantially decked or covered over, and every precaution must be taken to keep traffic free from interruption. (See Section No. 427.)

Street Intersections.

Section No. 49. The street intersections, except in cases where open trench excavation without cover is permitted, shall be kept at all times open for traffic for their full width. The street intersections in cases where open trench excavation without cover is permitted must be kept at all times open to traffic for at least one-half the width of the cross-roadway, except that cross-roadways in which surface railroads are located shall be kept at all times open to traffic for their full width.

Where portions of a street intersection are opened the same shall be substantially and neatly bridged for foot traffic. In all cases the Contractor shall at all times keep all the street crossings on the lines of the sidewalks in a clean and neat condition, bridging gutters and low places where water might collect.

Close Observance of Above Requirements.

Section No. 50. The Commission will insist upon the close observance of the above requirements, and no departure therefrom will be allowed, excepting upon the written permission of the Commission.

Openings for Ventilation.

Section No. 51. Wherever the excavations are decked, or where gases are liable to accumulate, suitable openings shall be provided for proper ventilation.

By-passing Gas Mains.

Section No. 52. Wherever the excavations are decked, all gas pipes whose services cannot temporarily be dispensed with shall be by-passed, if directed by the Engineer; temporary pipes to take their place being laid either upon or below the street or sidewalk surfaces. These temporary by-passing pipes will be paid for at the prices stipulated in Schedule Item 99-A. These prices are to include the cost of all excavation, backfilling, temporary paving (including maintenance of same), and the restoration of the permanent paving both upon the completion of the by-passing installation and upon the restoration of the original system, and all other work, labor and material of whatever character necessary to provide a temporary and independent system of gas supply to take the place of the system originally in the street; to connect such temporary system with the mains in the intersecting streets where necessary; to transfer all house and lamp services to such temporary system where necessary; to remove and dispose of the material of such temporary system and to restore the original system; and no other allowance will be made therefor under any other schedule item or otherwise. No allowance will be made for the maintenance of such temporary system. All maintenance will be considered as of the original system, and will be as provided for in section No. 59. All pipe included in schedule item 99-A shall be wrought iron of a quality and manufacture to be approved by the Engineer.

Temporary Pipes, Etc.

Section No. 53. Temporary pipes, if laid upon the street or sidewalk surfaces, shall be neatly and substantially placed in a manner to cause the minimum of inconvenience to the abutting property owners and to the public.

In General.

Section No. 54. In general, work will as provided herein be carried on under covered roadways. In exceptional cases, however, where rock is within a few feet of the street or sidewalk surface, it may be impracticable to operate drills while the street is covered, until a sufficient depth of excavation has been obtained. In such cases such latitude will be allowed the Contractor as may prove absolutely necessary for the execution of his contract, and as the Engineer with the approval of the Commission may deem advisable, after a thorough understanding of the exact conditions and necessities has been determined.

4.

Street Railroad Tracks, Mains and Other Surface, Subsurface and Overhead Structures.

Notice to be Given.

Section No. 55. Notice is to be given by the Contractor to all individuals, companies and the proper City officials, owning or having charge of surface, subsurface or overhead structures along any part of the work, of his intention to commence operations along such part of the route, at least one (1) week in advance, and the Contractor shall file with the Engineer at the same time a copy of said notice; and he shall co-operate with the proper parties, officers or officials in charge of such structures and shall furnish them with all reasonable facilities to inspect the methods of caring for their property.

Plans Furnished.

Section No. 56. In the rearrangement of surface, subsurface or overhead structures requiring removal and relaying or reconstruction due to interference with the railroad structure a tentative plan will be made by the Engineer, which will be submitted to the parties interested; if any reasonable changes are then requested by any of the said parties within ten days after the submission of the tentative plans, such changes will then be made, if in the judgment of the Engineer they will best conserve the interest of all parties concerned; a further plan will then be made which, on the approval of the Engineer will be final.

Reconstruction or Relaying, etc.

Section No. 57. Whenever it becomes necessary to cut, move, change or reconstruct any surface, subsurface or overhead structures, or connections therewith, such work shall be done according to the reasonable satisfaction of the owners of such structures.

Reasonable Dispatch.

Section No. 58. All work of reconstruction or alteration shall be done with reasonable dispatch, and facilities are to be provided so that said work will interfere as little as possible with the practical working and use of such structures.

Maintenance, Support, etc.

Section No. 59. The Contractor shall at all times, by suitable bridging or other supports, maintain and support in an entirely safe condition for the usual service and to the reasonable satisfaction of the owners, all surface, subsurface and overhead structures and all their appurtenances encountered or affected during the prosecution of his work; if the maintenance of such usual service makes it necessary, the Contractor shall temporarily remove and relay or reconstruct any such surface, subsurface and overhead structure and shall restore the same prior to the completion of this contract. Also, in order that access may be had in emergencies to gates or valves on water or gas mains and to electric manholes, where such gates or valves and manholes are decked over, trap doors of a suitable size shall be provided in the decking. All surface, subsurface and overhead structures and their appurtenances, and all surfaces of whatever character along the line of the work shall be protected from injury, but should any injury occur the Contractor shall fully restore such surface, subsurface or overhead structures and their appurtenances or surfaces to as good a condition as existed before the injury was done. All the above, including also all changes of surface, subsurface or overhead structures and their appurtenances made by the Contractor for his own convenience in executing his work shall be done at the Contractor's own expense and included in the prices stipulated in the Schedule for excavation except as otherwise herein specifically provided.

Necessary Permanent Changes of Pipes.

Section No. 60. Changes of water, gas, steam or other scheduled pipes, all their service connections and all other appurtenances of whatever character made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction of such scheduled pipes, all their service connections and all other appurtenances of whatever character in other than the original position, will be paid for at the prices stipulated in Schedule Items 79, 82, 84, 87, 90, 91, 92, 94, 95, 95-A, 96 to 98, and 99-C, and Items 102 to 104, and Items 121 and 122. These prices are per lineal foot of such scheduled pipes laid including the removal, relaying or reconstruction of all their service connections, all other appurtenances of whatever character and all other work, labor and material incidental thereto; and no other allowance will be made therefor under any other Schedule Item or otherwise; excepting that:

Payment for New Pipes.

(1) If new pipes have to be provided to take the place of such scheduled pipes, and are ordered by the Engineer, such new pipes will be paid for in addition to the price paid for laying, etc., at the prices stipulated in Schdeule Items 100, 100-A, 101 and 101-A, Items 107, 108 and Items 123, 124, which prices are to cover the cost of the new pipes actually used as measured in place in the work, and the removal and disposal of the old pipes. This does not relieve the Contractor, however, of his obligation to preserve all pipe that is in good condition and can be reclaimed and used, in order to avoid the necessity whenever possible of providing new pipe.

Payment for Excavation Outside of Lines.

(2) If such scheduled pipes in their new locations are outside of the ordered net lines for excavation for the railroad structure, necessitating additional excavation and restoration of street surface, such excavation will be paid for at the prices stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92) and such restoration of street surface will be paid for at the prices stipulated in Items 30 (a), (e), (f) and (g). Any additional excavation and restoration of street surface, outside of the ordered outlines for excavation, necessitated for service connections and for other appurtenances will not be measured and paid for separately, but the above prices covering similar work for schedule pipes will include the payment for such work.

Measurements in Pipe Excavation.

Section No. 61. In the estimate and payment for earth excavation for pipe laying, allowance will be made for a width of trench two (2) feet wider than the interior diameter of the pipe and a depth six (6) inches deeper than the inner diameter of the pipe, measured from the surface of the street on the line of the trench. Where, in the opinion of the Engineer, the trench for laying pipes 30 inches or more in diameter requires to be close sheeted, allowance will be made in the estimate for payment for earth excavation for a width of trench three (3) feet wider than the interior diameter of the pipe, when the trench is so sheeted.

For the building of valve chambers and other structures and for the setting of valves, valve boxes and hydrants, the total excavation to be allowed will be that within vertical planes one foot outside of the outside lines of such structures, valves, valve boxes or hydrants, the depth being taken as the distance from the street surface to the lowest part of the structure or appurtenance.

At the intersection of two trenches or at the intersection of a pipe or other trench with an excavation made by the Contractor under orders from the Engineer, for any purpose whatsoever, the cubical contents of the intersection will be allowed only once. Under no circumstances will a double allowance be made for any excavation.

In the measurement for rock excavation for pipe laying, allowance will be made for a width of trench two (2) feet wider than the interior diameter of the pipe; allowance for the depth of trench will be eight (8) inches deeper than the outside of the barrel of 20-inch or smaller pipe and twelve (12) inches deeper than the outside of the barrel of pipe of larger diameter, measured from the surface of the rock on the line of the trench. No additional allowance will be made for the removal of rock under the bells to give the required clearance.

For building of valve chambers and other structures and for the setting of valves, valve boxes and hydrants, the total amount of rock excavation to be allowed will be the same as specified for earth excavation, except that the depth will be taken as the distance from the surface of the rock to the lowest part of the structure or appurtenance.

Necessary Permanent Changes of Electric Conduits and Ducts.

Section No. 62. Changes of electric conduits or ducts and their appurtenances found in the streets, other than street railway ducts, payment for which is provided for in Schedule Item 75), made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction in other than the original position, will be paid for at the prices stipulated in Schedule Items 127 and 127-A. The price per duct foot as provided in Schedule Item 127 is to include the cost of all ducts in place (except wrought iron pipe used as ducts); of all manholes, vaults, service boxes and their appurtenances; of drawing cables and providing new cables where necessary; of the proper restoration of all services that may be affected by the changes in the duct lines; of such excavation and restoration of street surface as may be necessitated by the changes in the duct lines, and all other work and material incidental to and necessary for the completed duct lines, and no other allowance will be made therefor under any other Schedule Item or otherwise. Wrought iron pipe used as ducts (including Edison tube mains) will be paid for at the prices stipulated in Schedule Item 127-A, which prices are to include all the work specified under Item 127.

Maintenance of Railroads—Surface Railroads.

Section No. 63. The Contractor shall maintain and support, in a manner that will cause the minimum interference with traffic, all surface railroads along the line of or crossing the line of the work.

The Contractor shall maintain and support, both temporarily and permanently, in a safe condition all street surface railroads, including ducts, cables and all other appurtenances of such railroads; he shall rebuild either in their original or in new locations all parts of such surface railroads, including ducts, cables and all other appurtenances of such railroads, whose reconstruction or rebuilding may be necessitated by the construction of the work. Payment therefor (including the cost of such work in the cases of on and off line sewer trenches) will be at the rates specified in Schedule Item 75, which prices will include the cost of all work, labor and material incidental thereto, and no other allowance will be made therefor under any other Schedule Item or otherwise. Where permanent masonry supports are required and added, and where additional vaults in excess of the number existing are required and constructed to give equivalent facilities, they will be paid for at the prices given in the Schedule for the several classes of work or material applicable thereto.

Facilities to be Given to Make Extensions.

Section No. 64. In the event of the owners or the City desiring to make any addition, alteration or extension to their structures, or do any work to or in connection with surface, subsurface or overhead structures owned by them, or it, or to lay any new structure in or across a street occupied by the Works at the time the work under this contract is in progress, the Contractor, by written permission, shall give said owners or the City all reasonable opportunity to perform such work; provided such work or alteration for the benefit solely of the owners of subsurface structures does not cause the Contractor any serious loss or delay, as shall be determined by the Commission. The written permission from the Contractor, with three prints of plans or sketches, or a description indicating the proposed work in detail, shall be submitted to and approved by the Engineer before any work shall be proceeded with under such written permission.

5

Excavation.

Width of Excavation.

Section No. 65. Special care must be taken to avoid damage wherever excavation under cover is being done or where open excavation is permitted. The width of such excavation shall not exceed the width actually necessary, in the opinion of the Engineer, for the proper prosecution of the work. All excavations shall be of such width, in addition to that of the Railroad, as shall be necessary, in the opinion of the Engineer, for the proper and expeditious progress of the work, and to permit the laying and readjusting of all sewers, mains, subways and other subsurface structures encountered along the route and contiguous to the Railroad.

Depth of Trenches.

Section No. 66. Trenches shall be excavated to such depth, both in soft ground and rock, as may be necessary to permit the laying of such concrete bed, special foundation or drain pipes as may be deemed necessary by the Engineer.

Sides to Be Secured.

Section No. 67. The sides of the excavations shall be secured against slips by suitable sheet piling or sheeting, held in place by braces, shores or walling timbers, special precautions being taken where there is additional pressure, due to the presence of buildings or other structures. Where a movement of the ground might cause the settlement of an adjacent building, the sheeting must be started, if near the building, before the elevation of the bottom of the foundation of the building is reached; if away from the building, at such depth of the excavation as the Engineer may permit; and the excavation must not be made in advance of or below the bottom of the sheeting.

Filling Back of Sheeting.

Section No. 68. Sheeting shall be driven wherever possible, but when it is placed against the sides of the excavation, the spaces or voids back of the sheeting must be immediately and carefully filled with suitable material to prevent as far as possible the natural ground back of the sheeting from moving.

Buildings Underpinned Within Certain Limits.

Section No. 69.

(1) Except for special reasons which the Engineer shall approve, the Contractor, in accordance with Section No. 67, shall secure buildings adjacent to the excavation which are supported on firm soils when a slope represented by 1 foot vertical to 2 feet horizontal, inclined downward from the bottom outer edge of the building foundation, intersects or passes beneath the bottom outer edge of the completed subway structure; or

Defined.

(2) When necessary to secure adjacent buildings or to prevent bringing an unusual pressure on the structure when completed, the Contractor shall safely and permanently underpin adjacent buildings the foundations of which are above the bottom of the adjacent subway excavation. By underpinning is meant such method of construction as will transmit the foundation loads directly through the underpinning structure to such lower level as is necessary to secure the buildings and relieve the adjacent ground from unusual lateral pressures which might endanger the safety of the subway structure when completed. The underpinning shall be designed to furnish a safe and permanent support for each independent building. To accomplish this result, the Contractor shall use such methods of underpinning, pneumatic or otherwise, as special conditions may require and the Engineer shall approve; or

Securing Other Than Underpinning.

(3) In firm soils, the Contractor may in lieu of underpinning construct such form of permanent construction, subject to the approval of the Engineer, as may be necessary to maintain, protect and secure the adjacent buildings against displacements, provided the safety of the completed structure will not be endangered by unusual pressures from such adjacent buildings.

Before the work is proceeded with, the Contractor shall submit to the Engineer drawings in duplicate indicating the proposed typical and special methods of underpinning; or of maintaining, protecting and securing the adjacent buildings.

Payment for.

Section No. 70. When underpinning of a building is necessary and the work is done as provided in (2) of Section No. 69, payment will be made to the Contractor as, and at the prices, provided in Schedule Item 4; when a building is maintained, protected and secured as provided in (3) of Section No. 69, payment will be made to the Contractor as, and at the price, provided in Schedule Item 4-E; and when a building is secured as provided in (1) of Section No. 69, payment for the work shall be deemed to be included in the prices, stipulated in the Schedule for excavation, as provided in Section No. 92. These prices, Items 4 and 4-E, are per lineal front foot of building underpinned or maintained, protected and secured. The lineal front foot measurement does not mean the perimeter measurement of a building front, along the lines of stoops, bay windows, etc., but the straight front measured along the line parallel to the street building line. Where the subway excavation projects into a transverse streets, as at stations, and it is necessary to underpin or to maintain, protect and secure a building, the lineal front foot measurement will be increased by the measurement in such transverse street within the limits of the subway. The prices are to include the payment for all work, labor and material of whatever nature required in connection with underpinning or with maintaining, protecting and securing the building proper, such as side walls, both interior and along transverse (except as noted above) streets; partition walls, both parallel and perpendicular to the building front; interior columns and any other work which may be required, and no other allowance will be made therefor under any other Schedule Item or otherwise. But the price is not to include the payment for underpinning or for maintaining, protecting and securing vaults, area ways, retaining walls, stoops or porches, the payment for such work, when required, shall be deemed included in the prices for excavation, Schedule Items 1 and 3. If ordered by the Engineer, the Contractor shall dig test pits alongside the building foundations to determine the necessity for underpinning or for maintaining, protecting and securing a building. Payment for such test pits will be made to the Contractor as and at the price provided in Schedule Item 2-A.

Sheeting.

Section No. 71. No payment shall be made to the Contractor for sheeting left in the ground or in the work, unless the Engineer shall in writing require it to be left in, in which case payment shall be made to the Contractor for the sheeting so left in as measured by the Engineer, and at one-half the current market price for new material of the same grade, character and dimensions, and without any allowance or payment for placing the same or the expense thereof. This section applies only to the sheeting in trench work.

Timber for Temporary Purposes.

Section No. 72. All timber used for sheeting, shoring, bracing, decking or other temporary purposes, shall be sound and free from any defects that may impair its strength. It shall be provided, placed and removed at the Contractor's own cost and expense. The top or wearing surface of all decking used for carriageways shall be of hard yellow pine (unless otherwise permitted), sound, straight, and free from all shakes and large loose knots. All sheeting and timber used temporarily shall be put in place by skilled mechanics, keyed tight by wedges where necessary, and so arranged as to be withdrawn readily without endangering the adjoining soil.

Vaults of Abutting Property.

Section No. 73. The cost of the removal, where necessary, of all walls or other parts of vaults of abutting property along the line of the Railroad that are within the ordered net lines of excavation is to be included in earth excavation as provided in Section No. 87, but the restoration of all such walls or other parts of vaults originally within the ordered net lines of excavation, when susceptible of classification, will be paid for at the unit prices specified in the Schedule applicable to the several classes of work and material involved in such restoration.

The above is not to be construed, however, as applicable to any work beyond the ordered net lines of excavation, which shall be done at the Contractor's own cost and expense.

Vaults Disturbed.

Section No. 74. Wherever vaults of abutting property are broken through or otherwise disturbed, the Contractor shall at his own cost and expense erect a six-inch hollow tile wall laid in Portland cement mortar as a temporary partition on or about the building line, or as directed, that will afford proper protection to the owner or occupant of the adjoining premises.

Rock.

Section No. 75. Ledge rock in place, and boulders within the ordered net lines of excavation whose volume is a half a cubic yard or more each, will be considered as rock excavation.

Preparations for Rock Measurement.

Section No. 76. Whenever rock is encountered in the trench, it shall be stripped of earth in sections of not less than twenty feet in length; and the Engineer in charge shall be duly notified, in order that he may measure or cross-section the same.

Blasting.

Section No. 77. Whenever rock or material requiring blasting is encountered in any trench or tunnel, all necessary precautions must be exercised by the Contractor, as required by the ordinances of the City relative to blasting. Explosives shall be used only of such character and strength as may be permitted by the Commission, and the right is reserved for the Engineer to direct that in special cases ordinary blasting powder only, in small charges, shall be used. Blasting shall not be done between the hours of 11 p. m. and 7 a. m. without the express permission of the Engineer, and under such restrictions as he may impose.

Storage of Explosives.

Section No. 78. No larger quantity of explosives shall be kept on the line of the work than will be actually required for the twelve (12) hours of work next ensuing, and it shall be kept under lock, the key to which is to be only in the hands of the foreman or other equally trustworthy person. The amount of explosives kept in any one place shall not exceed the limit permitted by any ordinance of the City, or as may be determined by the Commission. Caps and exploders shall not be kept in the same place with dynamite and other explosives. During freezing weather, special precautions shall be taken as to the care and manipulation of dynamite.

Near Pipes and Mains.

Section No. 79. Whenever any pipe or main is encountered in or alongside of the trench, right is reserved to direct that all rock within five (5) feet of the same shall be removed by means other than blasting.

General Precautions in Blasting.

Section No. 80. In rock excavation in the trenches for the Railroad the work must be so regulated as to avoid, as far as possible, shattering the rock beyond the ordered net lines of excavation. But, on account of the impracticability of excavating rock to an exact line, an allowance will be made to the Contractor for excess excavation in rock on the sides of the trench, as provided in Section No. 88.

Concrete Packing.

Section No. 81. In rock excavation in trench, when the rock is shattered beyond the ordered net lines of excavation, the concrete on the sides of the structure shall be rammed to the rock. Such concrete will be measured at an allowed thickness of six (6) inches outside of the ordered net lines of excavation, and will be paid for at such thickness at the price stipulated in Schedule Item 7. Any concrete outside of such six (6) inch allowed thickness shall be provided and placed at the Contractor's own expense.

Close Drilling.

Section No. 82. Generally the central portion of the excavation must, when directed by the Engineer, be kept some distance in advance of the excavation near the sides, and if the rock, owing to its general character and structure, has a tendency to break large, or the strike and dip of the stratification indicate a liability to slip or slide into the excavation, the Contractor must place the drill holes at close intervals on the established lines for excavation, in order to avoid excessive excavation and to preserve the established lines thereof.

Pumping.

Section No. 83. Whenever water is encountered in trenches, the same shall be removed by bailing or pumping, great care being taken when pumping that the surrounding particles of soil be not disturbed or removed. If necessary to prevent such disturbance, the pumping must be done by a series of driven wells whose points are protected by fine wire cloths, the rate of flow at each well being made so slow as not to remove the particles of soil; or the pumping must be done by other means approved by the Engineer. The delivery from all pumps shall be conducted into the adjacent sewers, and the delivery pipes shall be so arranged as to be readily inspected at all times to ascertain if the water is free from particles of soil.

Carts to be Tight.

Section No. 84. All carts, buckets or other vehicles used by the Contractor for the removal of material, shall be tight and so arranged and so loaded as not to spill over. Whenever a cart, bucket or other vehicle so used is leaky or unsuitable, it shall be immediately withdrawn from the work on notification by the Engineer, or his duly qualified assistant, in charge of that portion of the work.

Removed Expeditiously.

Section No. 85. Excavated material shall be removed expeditiously and disposed of, in any place selected by the Contractor, subject to the ordinances and regulations of the City authorities governing the disposal of such material, and the regulations of the United States Government as to the disposal or dumping of material in and about or near the Harbor of New York.

When Excavated Material May be Taken by City.

Section No. 86. If at any time during the course of construction the City shall desire for city purposes any part of the material excavated, and the cost of such disposal shall not exceed the cost to the Contractor of the method in which he is then disposing of it, the Commission may order such material dumped or turned over to the City at a point designated without cost to the City.

Earth Excavation, Definition of.

Section No. 87. Earth excavation includes the excavation of all materials of whatever nature encountered in the trenches, excepting ledge rock in place and boulders whose volume is a half a cubic yard or more each.

Excavation in Trenches, How Measured.

Section No. 88. The net outside width of the railroad structure, as ordered and indicated on the plans, and the depth, also as ordered and as indicated on the plans, are the ordered net lines of excavation and will govern as to width and depth in the measurements for payment for excavation; except that when rock is encountered, because of the impracticability of excavating to an exact line, an excess excavation on the sides of the trench will be measured at an allowed width of six (6) inches outside of the ordered net lines of excavation and below the top surface of the rock. No excess rock excavation will be allowed below the ordered net line of excavation at the bottom of the trench; except that rock cores, such as island platforms, required to be left within the limits of the excavation will be measured with side slopes of one-half (½) horizontal to one (1) vertical. No deduction from the volume of excavation determined by the ordered net lines of excavation, will be made on account of vault space or spaces occupied by pipes and other subsurface structures.

No Allowance Outside of Ordered Net Lines.

Section No. 89. There will be no measurement or allowance made nor money paid for excavation outside (below or wider than) the net measurement lines or excess rock excavation lines as above indicated, and no allowance shall be made for any excess excavation caused by slips or slides. It is understood and agreed that for all such matters the Contractor has estimated and allowed in the unit prices of the Schedule.

Change of Street Grade.

Section No. 90. When ordered by the Engineer or when the contract drawings indicate that the grade of any street, park or parkway is to be raised the Contractor shall fill in such places to the changed grade as required, and such work shall be measured and paid for at the price stipulated for earth excavation, Schedule Item 1.

Payment for Excavation.

Section No. 91. Excavation shall be paid for at the price or prices given in Schedule Item 1 for excavation in earth and Item 3 for excavation in rock.

Prices for Excavation to Include.

Section No. 92. The prices herein stipulated for excavation, Schedule Items 1 and 3, are to include the cost of the disposal of the materials excavated, of backfilling, of all decking and bridging, of all sheeting and bracing, and of maintaining and supporting of trenches during and after excavation, of all pumping or bailing, and of the maintenance and support, with all incidental work, labor and material of any kind, of all surface, subsurface and overhead structures and surfaces of whatever nature, and their appurtenances, payment for the maintenance and support of which is not herein elsewhere *specifically* provided for under other schedule items or otherwise.

6.

Backfilling.

Quality of Material—How Placed.

Section No. 93. The trenches at the sides of and over the top of the subway and wherever backfilling is necessary, shall be backfilled with sand, gravel or other good clean earth, free from perishable material and from stones exceeding six (6) inches in diameter, and not containing in any place a proportion of stone of or below that size exceeding one (1) part of stone to five (5) parts of earth. The filling shall be compacted by flooding with water or, in cases where flooding with water is not practicable it shall be compacted by ramming in layers, not exceeding six (6) inches in depth. In open trench rock excavation, where the rock is shattered beyond the established line of excavation, concrete packing shall be provided in accordance with Section No. 81.

Subsurface Structures—Frozen Material Not Permitted.

Section No. 94. Whenever pipes, sewers, or other subsurface structures are met with, the filling must be carefully packed, rammed and tamped under and about such subsurface structures, using special tools for the purpose. No filling of trenches with frozen earth will in any case be permitted, nor will any filling be permitted over frozen material.

Sheeting Removed.

Section No. 95. As fast as the work of filling permits, sheeting and other timber supporting the sides of the excavation shall be carefully withdrawn, and the spaces left by the removal of such material carefully backfilled, but if directed by the Engineer, the sheeting shall be left in place.

How Paid For.

Section No. 96. The cost of back-filling is to be included in the prices paid for earth and rock excavation, Schedule Items 1, 2-A, 3 and 3-A.

7.

Piling and Timbering.

Character of Piles.

Section No. 97. If in the judgment of the Engineer the ground is of such a character as to require piling, the Contractor shall drive such piles as the Engineer directs. The piles shall be of good, sound pine or spruce, or other acceptable timber, straight and free from shakes; they shall be not less than twelve (12) inches in diameter at the butt end, or less than six (6) inches in diameter at the point, and shall be driven to the satisfaction of the Engineer and by means of a steam hammer driver if so required by him. If necessary the points of the piles shall be protected by proper shoes, and the butts by rings or caps. Piles shall not be spliced unless permitted by the Engineer, and then in such manner as he directs. Piles shall be carefully cut off to the grade given by the Engineer.

Piles Driven in Required Location.

Section No. 98. Piles shall be driven in the position and manner and to the depth ordered; if driven in a wrong position or injured in any way by driving they must be withdrawn and replaced by others. After being driven they shall be cut off to a true plane for proper adjustment with capping timber or masonry.

Payment for Timber Piles.

Section No. 99. The price herein stipulated to be paid, per lineal foot of timber piles, Schedule Item 12, is to cover the cost of furnishing, driving and preparing the piles ready for the capping timbers or masonry, and the portion cut off and removed will not be included in the length measured for payment. No test piles, guide piles, or piles other than those that are a part of the finished foundation and are included within the net width of the finished foundation will be paid for.

Concrete Piles.

Section No. 100. If in the judgment of the Engineer special conditions so require, piles of re-inforced concrete of an approved form of construction shall be used.

Payment for Piles Other Than Timber Piles.

Section No. 101. Payment for piles other than timber piles will be as provided in Article XII of the contract.

Grillage.

Section No. 102. Timber grillage foundations shall be built if so directed by the Engineer.

Foundation Timber.

Section No. 103. All foundation timber shall be of pine or spruce, or other timber permitted by the Engineer, sound and free from shakes. It shall be of such dimensions, and laid in such manner, as the special plans to be issued shall require, and held in place by bolts, spikes or good seasoned oak or locust treenails.

Foundation Timber, Measurement and Payment.

Section No. 104. No wastage is to be allowed for, and the estimate of the quantities of foundation timber used will be based on the amount ordered by the Engineer and placed according to his directions. Payment for foundation timber will be as provided in Schedule Item 13.

8.

Cement.

Portland Cement.

Section No. 105. All cement used in the work shall be true Portland cement, by which is meant the finely pulverized product, resulting from the calcination to incipient fusion of a properly proportioned intimate mixture of argillaceous and calcareous earths or rocks to which no addition greater than three (3) per cent. has been made subsequent to calcination.

Brand to be Approved.

Section No. 106. Before any cement is furnished, the brand shall receive the approval of the Engineer. Cement, to be acceptable, shall be of a well-known brand which has been in successful use for large engineering works in America for at least five (5) years, and which has an established reputation for uniform character. Preference will be given to cements which, by their records, show a tendency to maintain high strength of mortar with increased age.

Inspection.

Section No. 107. Cement shall be subject to inspection at the place of manufacture or on the work, and to such tests as may be ordered by the Engineer. The Engineer or his representatives shall have access at all times and places to inspect the methods of manufacture, storage and protection, and shall have liberty to inspect the daily laboratory records of tests and analyses at the cement works.

Tests.

Section No. 108. In general, tests will conform to the methods recommended by the Committee on Uniform Tests of Cement of the American Society of Civil Engineers. Unless otherwise directed, samples will be taken at the place of manufacture by a representative of the Engineer, and sent to the Commission's laboratory, where the tests will be made. If required, tests will be made on the individual samples, without intermixing.

Specific Gravity and Color.

Section No. 109. The cement shall have a specific gravity of not less than 3.10 nor more than 3.25 after being thoroughly dried at a temperature of 212 degrees Fahr. The color shall be uniform, bluish gray, free from yellow or brown particles.

Chemical Analysis.

Section No. 110. Chemical analysis of cement made from time to time shall show a reasonably uniform composition. Cement shall not contain more than 1.75 per cent. of sulphuric anhydride (SO_3) nor more than 4 per cent. of magnesia (MgO).

Fineness.

Section No. 111. The fineness of the cement shall be such that it shall leave by weight a residue of not more than eight (8) per cent. on a No. 100, and not more than twenty-five (25) per cent. on a No. 200 sieve; the wires of the sieves being respectively 0.0045 and 0.0024 inch in diameter.

Time of Setting.

Section No. 112. It shall not develop initial set in less than thirty (30) minutes unless a more quickly-setting cement is specifically required, and shall develop hard set in not less than one (1) hour nor more than ten (10) hours.

Soundness.

Section No. 113. Pats of neat cement, after remaining one (1) day in moist air, shall be kept in air or water of normal temperature for at least twenty-eight (28) days, or shall be exposed to an atmosphere of steam, above boiling water, in a loosely closed vessel for at least five (5) hours; and the separate parts under any of these conditions, shall remain hard without any indications of checking, cracking, distortion, disintegration or blotching.

Tensile Strength.

Section No. 114. Neat cement briquettes shall have at the end of one (1) day in moist air a breaking strength, per square inch of sectional area, of not less than one hundred and fifty (150) pounds; at the end of seven (7) days—one (1) day in air, six (6) days in water—of not less than five hundred (500) pounds; at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than six hundred (600) pounds. The strength at twenty-eight (28) days shall not be less than that at seven (7) days.

Mortar Briquettes.

Mortar briquettes, composed of one (1) part of cement and three (3) parts of standard Ottawa sand, by weight, shall have at the end of seven (7) days—one (1) day in air, six (6) days in water—a breaking strength, per square inch of sectional area, of not less than two hundred (200) pounds; and at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than three hundred (300) pounds. The strength at twenty-eight (28) days shall show an increase of not less than fifty (50) pounds over the strength at seven (7) days.

Long-time Tests.

Section No. 115. Tests will be made from time to time extending over longer periods than twenty-eight (28) days. If such tests show a tendency to unsoundness or unusual reduction in strength with increased age, the Engineer shall have the right to prohibit the further use of that brand and to require that another brand be substituted.

Storage During Tests.

Section No. 116. All cement shall be held in storage to allow ample time for tests to be made before the cement is required for use in the work.

How Contained.

Section No. 117. Cement shall be packed and delivered in canvas sacks or other strong, well-made packages, plainly marked with the manufacturer's brand, and sealed in an approved manner. The weights of such packages shall be uniform.

Methods of Storing.

Section No. 118. The Contractor shall at all times keep in store on the work, or at some point convenient thereto, an abundant supply of cement, so as to guard against possible shortage. It shall be stored in a weather-tight building, with a tight floor a proper distance above the ground, and with sufficient floor space to admit of storing each lot of cement, of not more than two hundred (200) barrels, or its equivalent, separately, so as to facilitate identification of each individual lot in case of necessity for further tests or rejection. Cement that has become partially set or otherwise damaged shall not be used.

9.

Mortar.

Cement and Sand—Mixing.

Section No. 119. All mortar shall be prepared from accepted cement and clean, sharp sand, approved by the Engineer. These ingredients shall be thoroughly mixed dry in the proportions as specified below; water shall then be added, so as to produce a stiff paste. Water used in mortar, grout or concrete must be clean, fresh water, no salt water being permitted. The mortar shall be freshly mixed for the work on hand, in proper boxes made for that purpose, and no mortar shall be used that has stood beyond such limit of time as may be determined by the Engineer.

How Measured.

Section No. 120. For purposes of mixture, three hundred and seventy-five (375) pounds of Portland cement shall be estimated at three and one-half (3½) cubic feet of volume. The proportional parts of sand and stone or gravel shall be by volume as cast into the measuring box. The proportions for brick and stone masonry shall be one (1) part cement to two (2) parts sand; for pointing, one (1) part cement and one (1) part sand; for concrete masonry, as specified under the head of concrete; and for other classes of work, as directed by the Engineer.

Grout.

Section No. 121. If required by the Engineer, a grout, consisting of one (1) part fine, clean and sharp sand and one (1) part of Portland cement, shall be pumped in under pressure, so as to completely fill all the voids in or behind the masonry.

Payment for Grout.

Section No. 122. Where grout is ordered and used, it shall be paid for at the price herein provided, Schedule Item 11.

10.

Masonry.

Laid in Portland Cement.

Section No. 123. All masonry, except as otherwise specified, shall be laid in Portland cement mortar, and shall be built of the forms and dimensions shown on the plans, or as directed by the Engineer from time to time; and the system of joining or bonding ordered by the Engineer shall be strictly followed.

Water Not to Interfere With.

Section No. 124. Care must be taken that no water shall interfere with the proper laying of masonry in any of its parts.

Freezing Weather.

Section No. 125. During freezing weather no masonry shall be built unless properly protected against frost, and masonry shall not be built in exposed places where in the opinion of the Engineer it is impracticable to give such protection. During freezing weather or when there is frost in the materials to be used in the masonry, the materials shall be heated. The Contractor shall provide such appliances, subject to the approval of the Engineer, as are necessary for the heating of the sand, stone and other materials.

Protected in Freezing Weather.

Section No. 126. During freezing weather all masonry shall be protected by a suitable covering of salt hay, canvas, tarpaulin or by such material or in such ways as may be necessary to insure it against freezing.

Hot Weather.

Section No. 127. During hot weather all masonry, especially concrete, shall be kept wet by sprinkling and properly covered until it has become thoroughly set and hardened.

Pointing.

Section No. 128. Unless otherwise permitted, every joint that is to be pointed shall be raked out, within two (2) days after being laid, to a depth of at least two (2) inches.

Mortar, for Pointing.

Section No. 129. Pointing of the face joints of masonry shall be thoroughly made with cement mortar mixed in the proportion of one (1) part of cement to one (1) part of sand, except where otherwise specially provided.

Season, for Pointing.

Section No. 130. No pointing shall be done in freezing weather, and masonry laid between December 1st and April 1st shall not be pointed until permitted by the Engineer.

Defective Masonry.

Section No. 131. Any masonry which is found to be defective from any cause whatsoever, before the final completion and acceptance of the work, must be removed and properly rebuilt, or if damaged during such time must be properly repaired.

Stone Cleaned.

Section No. 132. All stone before being laid shall be thoroughly cleaned, and washed if so directed by the Engineer.

11

Concrete.

How Composed.

Section No. 133. The concrete shall be composed of gravel or broken stone, or a mixture of both, free from all dust and dirt, and mixed together with the proportion of mortar specified below. The water used in mixing concrete must be clean fresh water, no salt water being permitted.

Sand.

Section No. 134. Sand for concrete shall be of the kind herein specified for mortar.

Stone.

Section No. 135. Stone for concrete shall be sound, clean gravel, or sound, hard, broken limestone, or trap rock, or a mixture of such gravel and broken stone may be used.

Sizes of Stone.

Section No. 136. Broken stone or gravel for concrete shall be graded from fine to coarse, and that which is all of one size, or practically so, shall not be used. It shall be screened or washed so as to remove all dust, and it shall contain no pieces that will pass through a hole three-eighths (⅜) inch in diameter, and no pieces that will not pass through a hole one and one-half (1½) inches in diameter. Broken stone or gravel for concrete, graded as above, but between three-eighths (⅜) and three-fourths (¾) inch in diameter, may be required and used in special parts of the work.

Rubble Concrete.

Section No. 137. In concrete where the thickness is thirty (30) inches or more, if permitted by the Engineer, the Contractor may imbed in the same, pieces of clean, sound stone whose greatest diameter does not exceed twelve (12) inches and whose least diameter or thickness is not less than three-quarters (¾) of the greatest diameter. These stones shall be set by hand in the concrete as the layers are being rammed, and so placed that each stone is completely and perfectly imbedded. No two (2) stones shall be within six (6) inches of each other and no stones within four (4) inches of an exposed face, nor shall any such stone be placed nearer than six (6) inches to any metal built in the concrete for reinforcing the same.

Proportions.

Section No. 138. The proportions of cement, sand and stone (or gravel) used in making concrete shall be as follows:

Section No. 139. Concrete in floor, sidewalls and roof one (1) part of cement, two (2) parts of sand and four (4) parts of stone.

Section No. 140. Protective concrete outside of waterproofing lines on sides and roof, one (1) part of cement, four (4) parts of sand and eight (8) parts of stone.

Mixing by Machine.

Section No. 141. Whenever practicable, concrete shall be machine mixed. A rotary machine of a pattern approved by the Engineer, and mixing only one batch at a time, shall be used. Concrete shall not be mixed on the street surface on the line of the work, unless specifically permitted.

Mixing by Hand.

Section No. 142. When concrete is mixed by hand the stone or gravel shall be spread on a platform in a bed about six (6) inches thick, and shall be thoroughly wet. Sand shall be spread on a platform and the requisite portion of cement spread on the sand. After thoroughly mixing the latter, the dry mixture thus formed shall be spread evenly over the bed of stone wet as above, and the whole turned over until thoroughly mixed, but not less than two (2) turnings on the mixing board shall be allowed in any case, water being added as necessary. Care shall be taken to keep the bed of concrete wet and avoid piling.

How Laid.

Section No. 143. Concrete shall be placed immediately after mixing in layers of such thickness as may be directed by the Engineer, and shall be thoroughly compacted throughout the mass by ramming or spading, special tamping bars or tools being used as approved by the Engineer. The amount of water used in making the concrete shall be as approved by the Engineer. If a small amount of water has been used in mixing, ramming shall be continued until the water flushes to the surface; as a rule, however, concrete shall be placed wet.

Made Smooth to Receive Waterproofing.

Section No. 144. Concrete to which waterproofing is to be applied shall be made smooth at the time of laying and shall be carefully protected from injury by barricades or otherwise, if necessary, until thoroughly set.

Time for Hardening.

Section No. 145. Concrete shall be allowed to set for twelve (12) hours, or more, if so directed, before any work shall be laid upon it; and no walking over or working upon it shall be allowed while it is setting. Concrete shall not be flooded with water before being thoroughly set.

Rock Surface be Cleaned.

Section No. 146. Before laying concrete on rock surfaces the latter shall be swept clean of all debris and dirt, and when laid on earth the earth shall be rammed as directed before placing the concrete.

Surface Rough for Bonding.

Section No. 147. Wherever a section of concrete is necessarily left unfinished, leaving a surface which will be hard set before additional concrete can be laid, care shall be taken to flush the cement to such surface, and such dovetails or grooves shall be formed as may be necessary to insure a good bond with the new work; and if deemed necessary by the Engineer, the joints shall be reinforced with steel bars or dowels, to be furnished by the Contractor.

Joints Cleaned.

Section No. 148. In all cases of joints of old with new work the old surfaces shall be thoroughly cleaned and wet, and a coating of mortar or cement shall be applied, if required, before placing the concrete.

Forms.

Section No. 149. Suitable forms shall be provided by the Contractor to support the concrete while being placed in the walls or roofs. These forms shall be immediately replaced by new ones as soon as they commence to lose their proper shape. Before being used they shall be carefully cleaned of cement and dirt in order to provide a perfectly smooth face to the exposed surface of the concrete. The forms shall be made of wood, kept carefully planed; or made of metal sufficiently thick to retain their shape without the use of wood.

Certain Forms not Permissible.

Section No. 150. No forms made of wood, and covered with iron will be permitted.

Forms; How Made.

Section No. 151. The forms if made of wood, shall be made of boards with tight joints, tongued and grooved, if required by the Engineer.

Precautions in Placing.

Section No. 152. Every precaution shall be taken in placing or assembling the forms to do so in such manner that when removed, after the concrete has been placed, the faces of the concrete that are to remain exposed shall present a smooth and even surface; except that at stations on the track ceilings and walls within the limits of the station finish work and the ceilings over the platforms, the concrete shall be left with a rough surface to insure a proper bond between the concrete and the station finish plaster to be applied under another contract. To obtain this rough concrete surface, the Contractor must provide such special forms as approved by the Engineer.

Forms, How Set—Forms Removed—Surface Irregularities Corrected—Defective Work Replaced.

Section No. 153. The forms shall be set true to line, firmly secured, and be so tight as not to allow water in the mortar to escape; they shall be thoroughly wet before placing the concrete and shall be removed as soon after the concrete has been placed as in the judgment of the Engineer may be done with safety to the work. Immediately on the removal thereof the faces that will remain exposed shall be carefully examined and any irregularities of the surface corrected; projections shall be removed and voids filled with mortar. If, however, the voids are such as to indicate an excessive loss of mortar, portions of the concrete shall be cut out to the fullness of such defects and the space refilled with a rich concrete or mortar in such proportions and in such manner as the Engineer may direct.

Reinforcement Steel.

Section No. 154. Where reinforcement steel or wire mesh is used, efficient means shall be provided to maintain it in the exact position it is to occupy in the completed work, and to prevent it from becoming dislodged, or moved in any manner, when concrete is placed.

Surfaces Not to be Painted.

Section No. 155. The exposed faces of the concrete shall be left with the natural cement finish; therefore, immediately following the removal of the forms, followed by the removal of the projections and the filling of voids as provided above, these entire surfaces shall be rubbed down in such a manner, approved by the Engineer, as will leave a smooth and even surface, the object in view being to obtain a generally smooth finished surface with uniformity in color.

Within Station Limits.

The preceding paragraph does not apply within station limits.

Impervious to Water.

Section No. 156. It is intended to obtain concrete impervious to water; the concrete shall be mixed and deposited with this end in view, and on the roof of the Railroad, if waterproofing is not used, the top surface of the concrete shall be carefully troweled as may be directed in order to add to its imperviousness.

The surfaces of drip-pans under ventilating openings and other surfaces which require special provision for drainage shall be troweled.

Concrete, How Measured and Paid For.

Section No. 157. Concrete masonry shall be measured in place in the work to the prescribed net lines ordered by the Engineer and shall be paid for at the prices in Schedule Items 6 and 7; which prices are to include the cost of all scaffolding, centers, forms, etc., and removing the same, all troweling where required, and all other work, labor and material incidental thereto.

Backing or Filling Concrete, Not Paid For.

Section No. 158. No concrete backing or filling outside of the ordered net lines of excavation will be paid for as provided in Section No. 81.

12.

Brick Masonry.

Quality.

Section No. 159. Bricks for masonry shall be of the best quality common bricks, burned hard entirely through, regular and uniform in shape and size and of compact texture.

Hollow Terra Cotta Blocks.

Section No. 160. Hollow terra cotta blocks or bricks may be required on the outside of walls of the structure or at such other places as the Engineer may direct. They shall be of the best porous terra cotta as approved by the Engineer, and shall be of such thickness and shall be laid in such manner as hereinafter specified or as the Engineer may direct.

In Station.

Similar terra cotta blocks or bricks may be required in station work.

How Laid.

Section No. 161. All brick masonry shall be laid in mortar of the quality above described, except that in exposed locations coloring matter may be added, if required by the Engineer. The bricks shall be laid to line with joints in the face work not exceeding one-quarter (¼) of an inch in the beds, and three-eighths (⅜) of an inch on ends; the bricks to be thoroughly wet before laying and to be completely embedded in mortar under the bottom and on the sides and ends at one operation, care being taken to have every joint full of mortar.

All exterior surfaces shall be smooth and regular.

Cleaned.

Section No. 162. The inside faces of all arches and other exposed parts shall have all the mortar scraped off and washed clean immediately after the centers have been struck, and shall be pointed and left in neat condition.

No "Bats" or Culls.

Section No. 163. All bricks of whatever nature shall be carefully culled and if necessary gauged before laying, at the expense of the Contractor. No "bats" shall be used except in large masses of brickwork, where a moderate proportion, to be determined by the Engineer, may be used, but nothing smaller than half bricks.

Racked or Toothed.

Section No. 164. All unfinished work shall be racked back or toothed, as directed by the Engineer, and before new work is joined to it the faces of the brick in the old work must be scraped entirely clean, scrubbed with a stiff brush and be well moistened.

Special Bricks.

Section No. 165. Where necessary to make a neat joint in connection with steel framework, or at corners, curves, or other similar places, special bricks of proper shape shall be furnished and used. All centers and forms shall be made to fit the curves of the work; they shall be put up and removed in a manner satisfactory to the Engineer.

Measurements and Payments.

Section No. 166. Brick masonry shall be measured to the lines indicated and shown on the plans and as ordered by the Engineer and shall be paid for as herein stipulated in Schedule Item 9, for common brick masonry, and Item 10 for hollow terra cotta brick or tile masonry of any thickness ordered; these prices are to include the cost of all scaffolding, forms, centers, etc., and the removal of the same, of all plastering and pointing, and of all other work incidental thereto.

13

Stone Masonry.

Rubble Stone Masonry, Where Used.

Section No. 167. Rubble stone masonry will be used for supporting the street railroads over the roof of the Railroad where permanent supports are required, or at such other places as the Engineer may require.

How Laid.

Section No. 168. Rubble stone masonry shall be made of sound, clean stone of suitable size, quality and shape for the work in hand and shall be laid in mortar mixed in the proportion of one (1) part of cement to three (3) parts of sand. All beds and joints shall be well filled with mortar and the work must be thoroughly bonded.

Dry Rubble Masonry.

Section No. 169. In connection with the construction of sewers, or wherever else directed by the Engineer, dry rubble masonry shall be used. It shall consist of sound, clean stone not less than three (3) inches thick and one (1) cubic foot contents, laid on natural beds and bonded to give greatest degree of strength, with such spalls as are required for leveling.

Measurements and Payments.

Section No. 170. Rubble stone masonry shall be measured in place in the work and to the lines ordered by the Engineer, and it shall be paid for as herein stipulated under Schedule Item 8 if with mortar, and under Item 8-A if dry.

Other Masonry.

Section No. 171. In case, during the progress of the work, stone masonry of a different class than that specified above shall become necessary and shall be required by the Engineer, the same shall be constructed according to specifications applicable to the best work of such class, and it shall be paid for as provided in Article XII. of the contract.

14

Waterproofing.

General Limits of Waterproofing.

Section No. 172. In general, waterproofing of the structure will be limited to over the roof between stations and to those surfaces near ground water or mean high water if ground water level is found for any reason to be below mean high water. At other places free drainage shall be provided by pipe drains, hollow tile or broken stone.

At Stations.

At stations the roof and sidewalls also shall be waterproofed.

Protecting Masonry.

Section No. 173. The protecting masonry shall be hollow terra cotta blocks, common bricks or concrete, laid and paid for as herein elsewhere provided, and shall not be less than four inches in thickness.

Laid Against Sheeting.

Section No. 174. In places where permanent sheeting is placed at the waterproofing line, the waterproofing, if permitted by the Engineer, may be applied against the sheeting.

Surfaces to be Made Smooth.

Section No. 175. All surfaces to which waterproofing is to be applied shall be made as smooth as possible; on these surfaces there shall be spread either hot melted pitch or asphaltum in a thick layer of uniform thickness; on this layer of pitch or asphaltum shall be laid a treated woven fabric of such material as may be approved by the Engineer; this process shall be repeated until such number of layers as may be required by the Engineer have been placed and a final coat of pitch or asphaltum shall then be applied.

Definition of Term "Ply."

Section No. 176. The term "ply" as used in these specifications shall mean a layer of treated woven fabric, both sides of which shall be coated with pitch or asphaltum at the time of laying.

Number of Ply.

Section No. 177. The number of plies of waterproofing over the roof between stations shall in no case be less than three (3), except as hereinafter provided where brick laid in asphalt mastic is used.

At Stations.

On the sidewalls at stations the same conditions as in the preceding paragraph shall apply.

Brick in Asphalt Mastic.

Section No. 178. On the sides and bottom of the structure below a line of two (2) feet above ground water, or, if ground water is below mean high water level, then two (2) feet above mean high water, one (1) ply of waterproofing, as described above, shall be used with one or more layers of brick laid in asphalt mastic; the number of layers of bricks to be determined by the Engineer.

In any case where brick laid in asphalt mastic is not used, the number of plies shall be as local conditions require and as directed by the Engineer.

At Stations.

The requirements in the preceding paragraphs of this section likewise shall apply to the roof of the structure within station limits and over the tracks passing through the stations within said limits.

Quality of Brick.

Section No. 179. The quality of brick shall be the same as provided in the specifications under the head of Brick Masonry. The brick shall be properly dried and shall be heated before laying.

Measurements and Payments.

Section No. 180. Brick in asphalt mastic will be measured in place to the lines ordered by the Engineer, and will be paid for at the price herein stipulated, Schedule Item 16.

Ply Substitute for Brick in Asphalt.

Section No. 181. Six (6) plies of waterproofing may be substituted for brick in asphalt mastic, if approved by the Engineer, and will be paid for as provided for fabric waterproofing.

Asphalt Mastic.

Section No. 182. Asphalt mastic shall contain one-third (⅓) waterproofing asphalt, the other ingredients to be sand and limestone dust or sand and Portland cement, in proportions governed by local requirements and weather conditions. In melting and mixing the mastic on the work its temperature shall not exceed 350° Fahr. All packages containing asphalt shipped to the work must be distinctly labeled with the manufacturer's name and the brand or number of the mixture.

Leaks Stopped.

Section No. 183. Any masonry that is found to leak at any time prior to the completion of the work and final acceptance thereof by the Commission shall be cut out and the leak stopped, at the sole expense of the Contractor.

Quality of Pitch.

Section No. 184. Pitch shall consist of either coal-tar or asphalt as the Engineer shall elect; it must be delivered on the work in packages that are plainly marked with the manufacturer's brand, and indicating the grade and quality of the material.

Coal-tar Pitch.

Section No. 185. The coal-tar pitch shall be straight-run pitch containing not less than twenty-five (25%) per centum and not more than thirty-two (32%) per centum of free carbon, which will soften at approximately 70° F., and melt at 120° F., being a grade in which distillate oils distilled therefrom shall have a specific gravity of 1.05.

Quality of Waterproofing Asphalt.

Section No. 186. The asphalt used shall consist of fluxed natural asphalt, or asphalt prepared by the careful distillation of asphaltic petroleum, subject to the approval of the Engineer, but however prepared, it shall comply with the following requirements:

The asphalt shall contain in its refined state not less than 95 per cent. of bitumen soluble in cold carbon disulphide, and at least 98½ per cent. of the bitumen soluble in cold carbon disulphide, shall be soluble in cold carbon tetrachloride. The remaining ingredients shall be such as not to exert an injurious effect on the work.

The asphalt shall not flash below 350 degrees Fahr. when tested in the New York State Closed Oil Tester. When 20 grams of the material are heated for five hours at a temperature of 325 degrees Fahr. in a tin box 2½ inches in diameter it shall not lose over 5% by weight, nor shall the penetration at 77 degrees Fahr. after such heating be less than ½ of the original penetration.

The melting point of the material shall be between 100 degrees and 175 degrees Fahr. as determined by the Kraemer and Sarnow method.

The consistency shall be determined by the penetration which must be between 75 and 100 at 77 degrees Fahr.

A briquette of the solid bitumen of cross section of one square centimeter shall have a ductility of not less than 20 centimeters at 77 degrees Fahr., the material being elongated at the rate of five (5) centimeters per minute. (Dow moulds.)

All tests herein provided must be conducted according to methods approved by the Engineer.

Penetrations indicated herein, refer to the depth of penetration in hundredth centimeters of a No. 2 cambric needle weighted to 100 grams at 77 degrees Fahr. acting for 5 seconds.

Woven Fabric for Waterproofing.

Section No. 187. The fabric to be used shall be a woven fabric which shall have been treated with pitch or asphaltum before being brought on the work. The fabric and the material used in its treatment shall be approved by the Engineer.

Concrete to Be Dry.

Section No. 188. All concrete shall be dry before waterproofing is attached. If, in the judgment of the Engineer, it is impracticable to have the concrete dry, then there shall be first laid a layer of treated felt of approved quality, on the upper surface of which is to be spread the first layer of pitch or asphaltum; the said layer of felt shall then be paid for as a dry-ply, Item 15 (i).

Each layer of pitch or asphaltum must completely and entirely cover the surface on which it is spread without cracks or blow holes.

Fabrics for Waterproofing to Be Carefully Laid.

Section No. 189. The fabric must be rolled out into the pitch or asphaltum while the latter is still hot, and pressed against it so as to insure its being completely stuck over its entire surface, great care being taken that all joints are well broken by overlapping, and that, unless otherwise permitted, the ends of the rolls of the bottom layers are carried up on the inside of the layers on the sides, and those of the roof down on the outside of the layers on the sides so as to secure a full lap of at least one (1) foot. Especial care must be taken with this detail.

Precautions After Laying.

Section No. 190. When the finishing layer of concrete is laid over or next to the waterproofing material, care must be taken not to break, tear or injure in any way the outer surface of the pitch or asphaltum.

Skilled Labor to Be Employed.

Section No. 191. None but competent men, especially skilled in work of this kind, shall be employed to lay the waterproofing.

Measurements and Payments.

Section No. 192. Measurements will be made on the basis of actual area covered by the number of plies ordered, no account being taken of laps, and the waterproofing will be paid for as herein stipulated, Schedule Item 15.

15.

Steel and Iron.

Open Hearth Process.

Section No. 193. Steel shall be made by the open hearth process.

Chemical and Physical Properties.

Section No. 194. The chemical and physical properties of finished material shall conform to the following limits:

Properties.	Structural Steel.	Rivet Steel.	Steel Castings.
Phos. (Max.)	.04%	.04%	.05%
Sulph. "	.05%	.04%	.05%
Mn. "	.60%	.60%	.80%
Si. "	.10%	.10%	.35%
Ult. Str.	60000±4000	50000±4000	65000 (Min.)
Yield Point (Min.)	55% Ult.	55% Ult.	35000
Elongation, Min. % in 8 inches	1500000	1500000	
	Ult. Ten. Str.	Ult. Ten. Str.	
Elongation, Min. % in 2 inches	.....	.....	20%
Fracture	Silky.	Silky.	Silky, or Fine granular
Colds Bends Without Fracture	180° flat.	180° flat.	120° (d.=3t.)

Yield Point.

Section No. 195. The yield point shall be that strain, beyond which the elongation ceases to be proportional to the weight imposed, and may be indicated by drop of beam. The speed of testing shall be governed by the Inspector.

Finish.

Section No. 196. Sufficient discard shall be made to insure sound material free from piping or excessive segregation. The material shall be finished straight and smooth, and shall be free from all seams, flaws, cracks, defective edges or other defects. Any imperfection which may develop during the progress of the work will be sufficient cause for rejection.

Steel Castings.

Section No. 197. Steel castings shall be true to pattern and free from injurious imperfections.

Standard Test Pieces.

Section No. 198. Sample pieces for tensile and bending tests of plates, shapes and bars shall be cut from such portions of the finished product of each melt as the Inspector may designate, and shall be stamped by him; they shall have both faces rolled and both edges milled to the usual form of a standard test specimen—one and one-half (1½) inches wide on a gauged length of nine (9) inches,—or with both edges parallel. The area of the minimum section shall not be less than one-half (½) square inch.

Tests for Angles.

Section No. 199. Angles three-quarters (¾) of an inch and less in thickness shall open flat, and angles one-half (½) of an inch and less in thickness shall bend shut, cold, under blows of a hammer, without sign of fracture. This test shall be only made when required by the Inspector.

Rivet Rods.

Section No. 200. Rivet rods shall be tested as rolled.

Steel Castings.

Section No. 201. For steel castings the test piece shall be turned to a uniform minimum section of one-half (½) inch diameter, for a length of at least two and one-half (2½) inches. Specimens for bending shall be one (1) inch by one-half (½) inch in section.

Tests for Rivet Steel.

Section No. 202. Rivet steel, when nicked and bent around a bar of the same diameter as the rivet rod, shall give a gradual break and a fine, silky, uniform fracture.

Section No. 203.

Treatment for Test Specimens.

Section No. 204. For steel castings the number of tests will depend on the character and importance of the castings. Specimens shall be cut cold from coupons molded and cast on some portion of one or more castings from each melt. The coupons shall be annealed with the castings before being cut off.

Number of Tests.

Section No. 205. At least one tensile and one bending test shall be made from each melt of steel as rolled. In case steel differing three-eighths (⅜) inch or more in thickness is rolled from one melt, a test shall be made from the thickest and from the thinnest material rolled. Rolled steel shall be tested in the condition in which it comes from the rolls.

Material which, subsequent to tests at the mills and its acceptance there, develops weak spots, brittleness, cracks or other imperfections or is found to have injurious defects, will be rejected at the shop and shall be replaced by the manufacturer at his own cost.

If the above tests do not fulfill the requirements of these specifications, duplicate tests may be made at the discretion of the Inspector, he selecting and stamping the duplicate test pieces. If these retests meet all the requirements, the melt shall be accepted.

Variation in Weight.

Section No. 206. A variation in weight or cross section of any piece of steel of more than two and one-half (2½) per centum from that specified, shall be sufficient cause for rejection, except in case of sheared plates exceeding one hundred (100) inches in width, where the variation may be five (5) per centum.

Material Marked.

Section No. 207. Every finished piece of steel shall have the melt number and the name of the manufacturer stamped or rolled upon it. Bars for reinforcing concrete, rivet and lattice steel, and other small parts, may be bundled, with above marks on an attached metal tag.

Test Pieces.

Section No. 208. The Contractor shall furnish, without extra charge, such standard test pieces as may be necessary to determine the uniform quality of the material and also the use of a reliable testing machine, with the necessary labor for testing.

Chemical Analysis.

Section No. 209. Chemical determinations of the percentages of carbon, phosphorus, sulphur and manganese shall be made by the manufacturer from a test ingot, so taken, during the casting of each melt of steel as to fairly represent the melt. Two copies of such analyses shall be furnished to the Engineer or his Inspector.

Mill Orders.

Section No. 210. The Engineer shall be furnished copies in triplicate of all mill orders, and no material shall be rolled or work done before the Engineer has been notified so that he may arrange for the inspection.

The Engineer shall be furnished complete copies of shipping invoices, in triplicate, with each shipment. Each invoice shall show the scale weight of each individual piece.piece.

Wrought Iron.

Double Rolled.

Section No. 211. All wrought iron shall be double rolled, tough, fibrous and uniform in character. It shall be thoroughly welded in rolling and be free from surface defects.

Method of Testing.

Section No. 212. The methods specified for testing rolled steel shall apply generally to wrought iron. Standard test specimens shall show an ultimate strength of at least fifty thousand (50,000) pounds per square inch, and an elongation of at least eighteen (18) per centum in eight (8) inches, with fracture wholly fibrous. Specimens shall bend cold with the fibre, through one hundred and thirty-five (135) degrees, without sign of fracture, with inner radius not to exceed the thickness of the piece tested. When nicked and bent the fracture shall show at least ninety (90) per centum fibrous.

Cast Iron.

Chemical Requirements.

Section No. 213. Cast iron shall be tough gray iron made by the Cupola process, and shall contain not more than six-tenths (0.6) per cent. of phosphorus and not more than twelve one-hundredths (0.12) per cent. of sulphur. No mill cinder iron, white or burnt iron or scrap of any kind will be permitted in the composition.

Test Bar.

Section No. 214. The quality of the iron entering into castings shall be determined by means of the "Arbitration Bar." This is a bar one and one-quarter (1¼) inches in diameter and fifteen (15) inches long, cast under the same circumstances as those which attended the casting of the full-sized piece. This bar shall sustain at the centre, when resting upon two (2) dull knife edges twelve (12) inches apart, a load of three thousand (3,000) pounds with a deflection of at least one-tenth (1/10) of an inch before rupture.

Number of Test Bars.

Two (2) sets of two (2) bars shall be cast from each heat; one set from the first and the other set from the last iron entering into the castings. Each set of two bars is to be made in a single mold.

True to Pattern.

Section No. 215. Castings must be sound, true to pattern, free from cracks, flaws, excessive shrinkage, and have smooth clean surfaces. They must be neatly chiseled and wirebrushed before leaving the foundry. Castings which do not accurately conform to dimensions on the plans will be rejected. Each casting shall have its distinguishing letter or number cast on at the place indicated on the plans.

Workmanship.

Quality.

Section No. 216. The workmanship shall be equal to the best practice in modern bridge works.

Shearing and chipping shall be neatly and accurately done and all portions of the work exposed to view neatly finished. All nuts exposed to view on the final structure shall be hexagonal. Lattice bars shall have neatly rounded ends, concentric with rivet holes.

Rods and Bars Deformed Sections.

Section No. 217. Rods and bars to be used for reinforcing concrete shall be deformed as approved by the Engineer; plain bars will not be used.

Bent Rods.

Section No. 218. Bent rods shall be bent uniformly to template in a machine or press approved by the Engineer. They may be bent either at the shop or on the work. In special cases bending hot and annealing may be required.

Material Straightened in Shop.

Section No. 219. All materials shall be straightened in the shop before being worked in any way and again straightened after punching and before assembling, if required by the Engineer or Inspector.

Size of Rivets.

Section No. 220. The size of rivets called for on plans shall be understood to mean the actual size of the cold rivet before heating.

Rivet Holes.

Section No. 221. All holes shall be accurately spaced and punched. The diameter of the punch shall not be more than one-sixteenth (1/16) inch greater than the diameter of the rivet. The diameter of the die shall be as small as may be required to punch a clean hole.

Punching.

Section No. 222. Punching shall be accurately done. Drifting to enlarge unfair holes will not be allowed. If the holes must be enlarged to admit the rivet they shall be reamed. Poor matching of holes will be cause for rejection.

Sub-punching and Reaming.

Section No. 223. Where sub-punching and reaming are required, the punch used shall have a diameter not less than three-sixteenths (3/16) inch smaller than the rivet. Holes shall then be reamed to a diameter not more than one-sixteenth (1/16) inch larger than the nominal diameter of the rivet. All reaming shall be done with twist drills after the material is assembled and firmly bolted together. The use of lubricants in reaming is not allowed.

Drilling.

Section No. 224. All material over seven-eighths (⅞) of an inch thick shall be drilled from the solid. Material over five-eighths (⅝) of an inch and not exceeding seven-eighths (⅞) of an inch in thickness shall be sub-punched and reamed.

Sheared Edges.

Section No. 225. Sheared edges of plates, exceeding five-eighths (⅝) of an inch in thickness in main members, shall be planed at least one-eighth (⅛) of an inch.

Burs Removed.

Section No. 226. All burs on rivet holes shall be removed.

Assembling.

Section No. 227. Riveted members shall have all parts well pinned up and firmly drawn together with bolts, before riveting is commenced. Contact surfaces shall be painted.

Riveting.

Section No. 228. Rivets when driven shall completely fill the holes, and shall be machine driven wherever possible. They shall have full concentric heads or they shall be countersunk when so required. Rivet heads shall not be flattened to less than half the diameter of the rivet on the line of the shank unless countersunk. Loose, burned or otherwise defective rivets shall be cut out and replaced. In cutting out defective rivets, great care shall be taken not to injure the adjacent material. If necessary they shall be drilled out.

Distances from center of rivet to edge of sheared plate shall not be less than 1¼" for ¾" rivets and 1⅜" for ⅞" rivets; distances from center of rivets to a rolled edge shall not be less than 1⅛" for ¾" rivets and 1¼" for ⅞" rivets. The minimum pitch for ¾" rivets shall be 2½" and for ⅞" rivets 2⅞". When material is sub-punched and reamed the pitch for ¾" rivets may be made 2¼" and for ⅞" rivets 2⅝".

Use of Bolts.

Section No. 229. Generally the use of bolts instead of rivets will not be permitted, but when used in special cases the holes shall be reamed parallel, and the bolts turned to a driving fit, with the threads entirely outside of the holes. Washers not less than one-quarter (¼) inch thick shall be used under the nuts. Bolts must be thickly coated with red lead paint before insertion, so as to seal the hole against moisture.

Templates.

Section No. 230. All holes for field rivets, excepting those in connections of lateral and sway bracing, shall be sub-punched and accurately drilled to an iron template, fitted with bushings, or reamed and match marked while the connecting parts are temporarily assembled in the shop. In case of splices of upper chords or other compression members, the abutting ends shall be brought to a forcible bearing.

Finished Members.

Section No. 231. Finished members shall be true and free from twists, bends or open joints. Ends of floor beams and stringers shall be faced square and true.

Rods Upset.

Section No. 232. Rods and bars which are to receive a thread shall be properly upset. Where threads are cut on steel, they shall be properly filleted.

Annealing.

Section No. 233. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed. Welds in steel will not be allowed.

Abutting Surfaces Faced.

Section No. 234. All abutting surfaces shall be planed or faced, so as to insure even bearings, except where otherwise noted on the plans.

Stiffeners; Splice Plates and Fillers.

Section No. 235. Stiffeners of plate girders shall be faced on the ends and brought to a true contact bearing with the flange angles. Web slice plates and fillers under stiffeners shall be cut to fit within one-eighth (⅛) of an inch of flange angles.

Section No. 236. Web plates must not project beyond the flange angles or be more than one-quarter (¼) inch back of face of angles.

Bed Plates Planed.

Section No. 237. Expansion bed plates shall be planed true and smooth. The finishing cut of the planing tool shall be fine and correspond with the direction of expansion.

Details Boxed.

Section No. 238. Nuts, bolts, rivets and other similar material shall be boxed.

Weight Marked.

Section No. 239. The scale weight shall be plainly marked upon every piece and box.

Inspection.

Section No. 240. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship.

Contractor Responsible.

Section No. 241. The Inspector shall make detailed reports of his inspection to the Engineer and may notify the Contractor of any defects in the material or workmanship, but all acceptances made by him shall be considered temporary, and his inspection shall in no way relieve the Contractor of full responsibility for the character and accuracy of the work until its completion and final acceptance by the Engineer.

Errors in Plans.

Section No. 242. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Inspector's Office.

Section No. 243. The Contractor shall furnish for the use of the Inspector a suitably equipped office at the mills and at the shops.

Loading and Shipping.

Section No. 244. All parts shall be carefully loaded and protected from injuries during transportation by such means as will be satisfactory to the Inspector. After delivery of materials at the work the Contractor will be required to store the same on skids at least twelve (12) inches above the ground and to keep the same in good condition. Any piece showing injurious effects of rough handling at any stage until the final acceptance of the work may be rejected.

Payments for Steel.

Section No. 245. The prices to be paid for steel are as herein provided in Schedule Items 19, 20 and 21. Item 20 includes all single beams or shapes, whether milled or otherwise, with connections or other end details. These prices include the cost of material delivered and erected in the work. These prices are to include also the cost of all necessary cleaning and painting (where painting is required) and of all other incidental work. The quantity of metal to be paid for shall be the number of pounds actually placed in accordance with the drawings for orders.

Miscellaneous Castings.

Section No. 246. For miscellaneous castings, but not including castings for sewer work or pipes, payment will be made as provided in Schedule Item 25.

Special Wire Forms.

Wire Forms.

Section No. 247. Special wire forms, of a type and weight to be approved by the Engineer, are to be furnished and placed around the lower flanges of the roof girders, and at other places as may be required, in order to hold the concrete in place.

Wire Forms, Payment For.

Section No. 248. Special wire forms, wherever used, will be paid for as stipulated in Schedule Item 26, which price is to include the material in place and all work necessary and incidental thereto.

16.

Painting.

Number of Coats and Quality.

Section No. 249. All metal work, excepting as otherwise herein provided, shall be painted with three (3) coats of paint, including the shop coat, of kind and quality approved by the Engineer.

Shop Coat.

Section No. 250. All iron shall be scraped free from scale, and receive one coat of red lead paint as herein specified, or other approved paint if directed by the Engineer, before leaving the shop. All surfaces which come in contact or are enclosed shall be painted before being assembled. All turned or faced surfaces shall receive a coat of white lead and tallow before leaving the shops. If the Engineer so directs on members or parts of members buried in concrete the shop coat will be omitted.

Quality of Red Lead.

Section No. 251. The red lead shall be strictly pure, and shall contain at least eighty (80) per centum of "true lead" ($Pb_3 O_4$). The color shall be a clean pure tint. The red lead shall be of the fineness that when washed with water through a No. 19 silk bolting cloth, not more than one (1) per cent. shall be left on the screen.

Quality of Linseed Oil.

Section No. 252. The linseed oil must be absolutely pure, fully aged and ripened, well settled oil. It shall be perfectly clear on receipt, and after heating to 212 degrees Fahr. on a current of hydrogen, shall not show a deposit of foots nor a loss of over 0.4 per centum for raw oil, nor over 0.2 per centum for boiled oil. The specific gravity at 60 degrees Fahr. for raw oil shall be between 0.932 and 0.937, and for boiled oil between 0.936 and 0.940.

Original Packages.

Section No. 253. All material shall be delivered, inspected and sampled in original packages.

Proportions in Mixture.

Section No. 254. Red lead paint shall be mixed in the proportion of 500 lbs. of red lead to five and one-half (5½) gallons of boiled oil, and eleven (11) gallons of raw linseed oil.

Damaged Shop Coat to be Renewed.

Section No. 255. Where the shop coat has become damaged before or after erection, through any cause whatever, it shall be renewed with the same kind of paint as originally used, such renewal to be considered only as a part of the original shop coat.

Structural Steel and Rods.

Section No. 256. Structural steel and rods to be imbedded in concrete shall be protected from the weather before being put in place, and shall be cleaned and scales removed before being incased in the concrete. Rods shall not be painted.

Second Coat Carbon Paint.

Section No. 257. The second coat of paint shall be a carbon paint approved by the Engineer. It shall be applied after erection, but not until the metal has been cleaned from dirt or other objectionable matter that may be found thereon.

Metal to be Cleaned After Erection.

Section No. 258. After erection the metal shall be thoroughly cleaned of all dirt, rust or scales by stiff wire brushes or sand blasts, as directed, and afterward dusted and thoroughly and evenly painted as described above. No paint shall be applied until the cleaning has been passed upon by an Inspector.

Third Coat.

Section No. 259. Between stations the exposed members shall be given a third coat, which shall be a carbon paint of a color and quality approved by the Engineer.

Third Coat, When Applied.

Section No. 260. The third or finishing coat shall be applied to all exposed surfaces of the metal after its erection, and after a completion of the masonry or other work; it shall be applied at such time after such completion and before the final acceptance of the work as in the judgment of the Engineer may be advisable. The several field coats shall be sufficiently tinted to be distinctive.

Surfaces in Contact.

Section No. 261. Surfaces of exposed members inaccessible after erecting, shall be cleaned and painted before erecting.

Recesses, Etc.

Section No. 262. All recesses that might contain water, or through which water could enter, must be filled with thick paint or a waterproof cement of ground skins before receiving final painting.

Surfaces Close Together.

Section No. 263. All surfaces so close together as to prevent the insertion of a brush, must be painted thoroughly by using a piece of cloth, if necessary.

Rainy or Freezing Weather.

Section No. 264. Painting in rainy or freezing weather or on wet surfaces will not be permitted.

Payments.

Section No. 265. Payment for painting is included in the prices for steel and iron.

17.

Drains and Pumps.

Railroad to be Drained.

Section No. 266. Every part of the Railroad must, so far as possible, be so arranged that any water finding access thereto will be led away automatically to the City sewers.

Floor of Railroad as Conduit.

Section No. 267. Where the Railroad is on an inclined gradient, and is constructed in dry, porous soil, the floor of the Railroad may be depended on to act as a conduit. At the bottom of the inclined gradient connections must be made with a sewer or with sub-drains lying beneath the Railroad and draining into the sewers.

Sub-Drains.

Section No. 268. Along such parts of the work where the soil is not porous, or where the floor of the Railroad cannot, in the judgment of the Engineer, be used as a conduit, there shall be laid, beneath the rail level and on a continuous descending gradient, drain pipes of vitrified salt-glazed stoneware, of the quality described in these specifications for sewer pipe. These drain pipes shall be of such diameter not exceeding twelve (12) inches, as the Engineer may direct, and there shall be one (1) such drain for each two (2) tracks. Each drain shall be laid in the concrete or directly in the soil with tight or open joints, as directed, and in such manner and in such position as, in the opinion of the Engineer, local circumstances require.

Connections and Cross Drains.

Section No. 269. Where drain pipes connect with the City sewers, the junction shall be protected by suitable traps and back-pressure valves or gate valves where necessary, to prevent back rush of water or gas from the sewers. Connections with the Railroad shall be as necessity demands, and all as directed by the Engineer. Cross drains to connect with the main drains will be placed at such places and in such manner as the Engineer shall direct; also vertical drains at the sides of the Railroad. These drains shall be of vitrified pipe or of cast iron as directed.

Broken Stone for Drainage.

Section No. 270. Broken stone shall be placed for the purposes of drainage as indicated on the plans or as required by the Engineer.

Sumps.

Section No. 271. At the low points of the grade of the Railroad where the same passes below the bottom of adjacent sewers there shall be constructed sumps connected with the subdrains or the floor of the Railroad. Such sumps must be watertight, with a capacity of not less than eight hundred (800) gallons each.

Pumps for Tunnel Drainage.

Section No. 272. Adjacent to each sump a suitable enclosure shall be provided in which two pumps shall be installed, each of which shall have ample capacity to remove all the water entering the sump at that point under ordinary conditions. These pumps shall be arranged to operate automatically. Under this contract the Contractor will only furnish the pumps required and set them in place as directed, including the necessary pipe and drainage connections between the sumps and sewers.

The pumps shall be of the capacity required by the Engineer.

Capacity.

Section No. 273. If in the opinion of the Engineer the service requires it, each of these pumps shall be able to remove from the sump eight hundred gallons per minute.

Delivery to Sewers, Etc.

Section No. 274. The delivery of such pumps shall be into the City sewers, and all piping, valves, etc., in connection therewith, shall be installed as a part of this contract.

Payment for Drains.

Section No. 275. All drains shall be measured in place and the actual net length as laid for each class of drain will be paid for as herein provided in Schedule Items 17 and 17-A. The prices therein provided for each class of pipe will include providing and laying the pipe and all specials of any nature whatsoever, such as bends, tees, wyes, hand-holes, etc., and all material necessary for jointing the same. Where back-pressure valves or gate-valves are required the cost of setting the same will be included in the above, but the Contractor will be paid in addition the actual net cost of such valves plus ten (10) per cent.

Payment for Broken Stone.

Section No. 276. For broken stone for drainage, furnished and placed, Section No. 270, payment will be made as provided in Schedule Item 14.

Payment for Pumps.

Section No. 277. For pumps, Section No. 272, the Contractor will be paid as provided in Article XII of the contract including the pipe connections with sumps and sewers.

Station Drainage.

The station drainage also must be arranged for as prescribed in Section No. 269.

Soil Pipes.

It will be necessary to lay soil pipes in the floors and walls of the stations. These pipes are to be cast iron, "extra heavy." They will be placed in positions as shown on the plans and will be paid for as provided in Schedule Item 34.

18.

Sewers.

In Accordance With Plans and Specifications.

Section No. 278. All sewers and appurtenances shall be built of the materials, of the sizes and dimensions, on the lines and grades, at the depths, with the connections, and in the manner called for by these specifications and shown on the drawings.

Change of Location.

Section No. 279. If, in the opinion of the Engineer, it is impracticable during the progress of the work to construct any sewers, manholes, or other appurtenances, according to the contract drawings, owing to the presence of unknown subsurface structures or other contingencies, the Contractor shall construct such sewers, manholes or appurtenances in the location given by and according to the directions of the Engineer.

General Clauses Apply.

Section No. 280. The general clauses in this contract relating to excavation, backfilling, cement, mortar, masonry, waterproofing, piling, timber work of all kinds, care of streets and public places, maintenance of surface, subsurface and overhead structures, protection of persons and property, repaving or restoring of the surface of the street or other public places, responsibility of the Contractor, authority of the Engineer to examine and condemn materials, and the power of the Commission and the Engineer in all or any other respects to enforce this contract, apply to the construction and reconstruction of sewers, water mains or pavements, unless specifically amended or exempted, both along the route occupied by the Railroad and elsewhere.

No Claims for Damages.

Section No. 281. Should postponement or delay be occasioned by the precedence of paving or other contracts, which may be either let or executed by the Borough President, Commissioner of Water Supply, Gas and Electricity, or other heads of departments, either before or after the execution of this contract, on the line of the work, no claims for damages therefor shall be made or allowed; nor shall any claim for damages be made or allowed in consequence of the street or the adjoining sewers not being in the condition contemplated by the parties at the time of making the contract, except that if the Contractor shall be delayed in the performance of his work by reason of the street or the adjoining sewers not being in such condition, an allowance of time may be given for the completion of the work as elsewhere provided in this contract.

Size of Trenches.

Section No. 282. The trenches for sewers and basin culverts both in earth and in rock, in streets along the route of the Railroad, shall have vertical sides and shall be six (6) inches wider than the greatest external width of the sewer or its foundation on the side farthest away from the subway; and in other streets the trenches shall have vertical sides, and shall be six (6) inches wider on each side than the greatest external diameter of the sewer, but shall be not less than three (3) feet in width. They shall be excavated to the depth and to the form of the sewer or its foundation. Payments for excavation will be based on the requirements as above.

Limit of Trench Opening.

Section No. 283. Not more than one hundred (100) feet of trench in sewers off the line of the Railroad shall be opened at any one time in advance of the sewer already completed, unless by permission of the Engineer, and for a distance specified.

Excavation Completed in Advance.

Section No. 284. The excavation of trenches shall be fully completed a sufficient distance in advance of the laying of the sewer, and the exposed end of the sewer shall in all cases be fully protected.

Trenches for Manholes and Receiving Basins.

Section No. 285. Where the foundation for a manhole or a receiving basin extends beyond the line of such manhole or receiving basin, the excavation required in earth shall be to the lines of the smallest rectangle enclosing the full dimensions of the exterior of the foundation, and shall have vertical sides to the surface, but it shall, in all cases, be six (6) inches larger than the greatest external dimension of the manhole or receiving basin. In rock excavation, the trench shall be six (6) inches larger than the greatest external dimension of the manhole or receiving basin, and shall have vertical sides to the surface.

Foundations.

Section No. 286. Where the ground does not afford a sufficiently solid foundation, the trench shall be excavated to such increased depth as the Engineer may deem necessary, and this extra depth, and all other irregularities in the bottom of the trench, shall be filled up to the requirel level and form, with such material, and in such manner, as the Engineer shall direct. If so directed, piles shall be driven and a timber or reinforced concrete foundation shall be constructed, as elsewhere provided in these specifications, to support the sewer.

Inspection of Grades.

Section No. 287. When the trench is properly prepared, and before laying any sewer, the Contractor shall notify the Engineer, who will, thereupon, cause the grades for the sewer to be tested, and if correct the sewer shall then be laid in the presence of a duly authorized Inspector, and no construction work shall be done in his absence.

Trenches to be Kept Free from Water.

Section No. 288. The trenches shall be kept entirely free from water while the foundation and the masonry are being constructed or the sewer laid. In no case shall water be allowed to flow over the invert or foundation or through the sewer until the mortar is thoroughly set.

Gutter and Passageway to be Kept Open.

Section No. 289. At all times, gutters shall be kept open for surface drainage, and the streets and sidewalks shall be kept clear and free for the passage of carts, wagons, carriages and street or steam railroad cars or pedestrians, and as otherwise provided in these specifications.

Crosswalk, Sidewalk and Roadway to be Kept Clear.

Section No. 290. Where any crosswalk or roadway is cut by the trench, it shall be temporarily replaced by a timber bridge with side railings, according to the direction and approval of the Engineer. The work shall at all times be conducted so as to cause as little inconvenience as practicable to the public.

Disposition of Paving Material.

Section No. 291. All curb, gutter, flagging, paving and macadam stones, necessary to be removed, which in the judgment of the Engineer are suitable to be used again, shall be stored in such places as the Engineer shall direct, or shall be removed

as provided in these specifications; in all cases a passageway on the sidewalks and in the roadway shall be preserved free from needless obstructions.

Flow of Sewers to be Maintained.

Section No. 292. The Contractor shall provide for the flow of all sewers, drains and water-courses interrupted during the progress of the work, and shall restore and make good all connections, and shall immediately cart away all offensive matter, in such manner and with such precautions as the Engineer may direct. All temporary house connections shall be made by closed iron pipes, with suitable provision for preventing leakage at joints. Wooden troughs for such connections will not be permitted.

Brick.

Section No. 293. In the construction of brick masonry none but the best quality of common brick burned hard entirely through, regular and uniform in shape and size and of compact texture, shall be used. They shall be culled as they are brought on the ground, and bats and bricks of improper quality are to be removed from the work. A limited number of bats may be used in manholes and closures, and in the outer ring of the sewers where more than two (2) rings of bricks are required.

How Laid.

Section No. 294. The bricks shall be properly wet immediately before laying. Every brick is required to be laid in a full joint of mortar, made as described in these specifications, on its bed, end and side, at one operation. In no case is mortar to be slushed or grouted in afterward. The bricks shall be neatly and truly laid, every second course to line, and the joints to be carefully struck on the inside.

Racked Back or Toothed.

Section No. 295. All brick work, as it progresses, shall be racked back in courses, and in no case will it be allowed to be toothed, unless by special permission from the Engineer.

Brick or Stone Inverts.

Section No. 296. All inverts, or bottom curves, shall be formed from profiles accurately made according to the dimensions of the sewer, and correctly set according to the grades furnished. The masonry shall be allowed to set for twenty-four (24) hours before the arch is turned. Vitrified brick or granite paving blocks shall be used for the inner ring of the invert when required by the Engineer, and whenever so used they must be thoroughly jointed, so as to be water-tight along the inner surface of the sewer. The last course of the invert masonry below the springing line shall be laid as headers.

Brick Arches.

Section No. 297. The arches or upper curves shall be formed on strong centers of correct form, according to the sizes and shapes required, and keyed with stretchers in full joints of mortar. The extrados of the arch shall be plastered with mortar one (1) inch thick, mixed in the proportion of one (1) part of cement to two (2) parts of sand. The centers shall not be removed or withdrawn in less than thirty-six (36) hours, or until the work is thoroughly set, and until the filling in of the arch is properly put into place to a depth which is at least one (1) foot above the crown of the arch. The centers in all cases shall be struck and not drawn, so as not to crack or injure the work. Should any crack or settlement appear in the arch after the centers are removed, so much of the work as the Engineer may require shall be taken down immediately and replaced.

Spurs.

Section No. 298. Vitrified or iron sewer pipes or spurs, equal in every respect to those described elsewhere in these specifications, and of a size required by the Engineer, but not less than six (6) inches interior diameter with hubs moulded for house connections, and of sufficient length to project at least four inches beyond the exterior of the sewer, shall be built into the walls of brick sewers and at such an angle as indicated on the plan, or as the Engineer may direct.

How Built In.

Section No. 299. Spurs shall be built in wherever similar house connections exist in the present sewer which is to be reconstructed under this contract, but in no case shall the distance be more than twenty feet between spurs. In the case of the construction of new sewers where no sewers existed previously, except sewers crossing intersecting streets, they shall be built opposite each house, and where there are no houses, they shall be not more than fifteen feet apart on each side of the sewer or at such frequent intervals as local conditions may require. They shall be set so that their inner ends shall be flush with the inner face of the sewer, at such height in the walls as the Engineer may direct, and each pipe shall be sealed on the outside with an approved earthen-ware cover set in mortar.

Iron Chair Spurs.

Section No. 300. Where the sewers to be built under this contract will be at a depth greater than thirteen feet below the established grade of the street (or below the surface of the street where final grades have not been established), cast iron chair spurs, of the design shown on the drawings, not less than six inches in diameter and of the weight of extra heavy soil pipe, shall be used unless otherwise ordered by the Engineer. Where house drains are to be connected to these spurs, extra heavy soil pipe and fittings shall be used for the riser between the spur and the house drain. Where the spurs are provided for future connections, risers of extra heavy soil pipe shall be placed in each spur and shall be brought to a point thirteen feet below the established grade of the street, the end of which shall be sealed with an approved cover laid in cement mortar. The joints of this pipe shall be packed, leaded and caulked in accordance with these specifications for laying water-mains.

Under Another Structure.

Section No. 301. Wherever the sewer passes under another structure extra heavy soil pipe (Schedule Item 17-A) shall be laid from the spur to the outside of such structure, brought up to a point thirteen (13) feet below the established grade of the street, caulked and sealed as provided above. All pipes passing under such structure shall be laid in concrete.

Concrete Sewers, Form, Dimensions and Materials.

Section No. 302. If, during the construction of the sewers, it is deemed advisable to interchange concrete and brick, the Contractor may, with the approval of the Engineer, build such sewers of either kind and quality herein specified.

Steel Bars Used if Ordered.

Section No. 303. Concrete sewers shall be reinforced with steel bars, if so indicated on the plans or directed by the Engineer.

Profiles and Inverted Centres for Inverts.

Section No. 304. Proper profiles for the concrete inverts shall be set up at the required distances, and the concrete for the bottom and invert of the sewer shall be deposited in place and rammed and worked down to the required shape. The concrete for the bottom and invert, if so directed, shall be placed in alternate lengths extending between every other pair of profiles, so that opportunity may be given to properly work the concrete in place.

Invert to be Protected.

Section No. 305. The concrete of the invert shall be protected during the progress of the work with planking, or by such other suitable methods as the Engineer shall direct and for so long a time as he may require.

Forms, Molds, etc.

Section No. 306. Suitable forms or molds, of the size and design to be approved by the Engineer, shall be provided by the Contractor to support the concrete of the side walls and roof while the same is being rammed into the permanent work.

Defective Work.

Section No. 307. If any voids, or irregular or defective work is discovered upon removing the forms or molds, such voids or work shall be cut out and filled with a rich concrete or mortar mixed in such proportions and of such materials as provided elsewhere in these specifications.

Joints.

Section No. 308. No joints between different sections of the walls of a sewer shall, in any case, be a straight line, but shall always be stepped or toothed, so as to give a broken joint in the manner to be approved by the Engineer.

Spur Pipes, Branches, etc.

Section No. 309. In so far as they will be applicable to sewers constructed of concrete, the provisions and requirements for spurs, branches, etc., in brick sewers shall be understood to govern in such construction.

Vitrified Pipe Sewers—Quality of Pipe.

Section No. 310. The pipe sewers shall be built of vitrified, salt glazed stoneware pipe, with extra deep and wide sockets and corrugated spigot ends. The pipe shall be of the best quality, thoroughly and perfectly burnt, without warps, cracks or imperfections, well and smoothly glazed over the entire inner and outer surfaces and perfect in shape. The pipe shall be subject to all tests ordered in conformity with any requirements of the Bureau of Sewers of the Borough in which the work is located, at any time previous to its being used.

Dimensions.

Section No. 311. The size of the pipes shall be designated by their interior diameters. Each pipe shall be a true cylinder, and of even thickness throughout, and shall conform to the following scheduled dimensions:

Double Strength Pipe; Extra Deep and Wide Sockets.

Diameter.	Thickness of Shell	Depth of Socket.	Length of Plain Straight Pipe.	Weight of Pipe Per Foot.	Annular Space.
Inches.	Inches.	Inches.	Feet.	Pounds.	Inches
6	5/8	2½	2	16	5/8
8	3/4	2¾	3	25	5/8
10	7/8	2¾	3	37	5/8
12	1	3	3	45	5/8
15	1¼	3	3	75	5/8
18	1½	3¼	3	118	5/8
20	1⅔	3½	3	148	5/8
22	1⅚	3¾	3	157	5/8
24	2	4	3	190	5/8

"Specials."

Section No. 312. All "special" vitrified pipe shall conform to the dimensions given for plain straight pipe.

Spur Pipes.

Section No. 313. Pipes having spurs not less than six inches in diameter with hubs molded thereon for house connections shall be furnished and laid at such points as indicated on the plan or as directed by the Engineer, and when not immediately used, they shall be sealed on the outside with approved vitrified earthen-ware covers set in mortar.

Risers.

Section No. 314. The provisions for risers on brick sewers shall also apply to pipe sewers.

Pipe Sewers, How Laid.

Section No. 315. All pipes shall be laid in concrete cradles of the required form and dimensions. The minimum thickness of concrete under the outside of the shell, or barrel, shall be six (6) inches. The first layer of concrete shall be for the full width of the cradle, and deposited continuously to the height of the outside bottom of the shell of the pipe; before the concrete has set the pipe shall be firmly bedded therein true to line and grade and the remainder of the concrete immediately deposited and carefully tamped in such a manner as to avoid disturbing the sewer. The ends of the pipes shall abut against each other and in such manner that there shall be no shoulder or unevenness of any kind along the bottom half of the sewer on the inside. Unless otherwise ordered, not less than fifteen feet of pipe shall be laid at any one time, in any one length of trench, and it shall be exposed for at least twenty-four hours for inspection.

Joining Hub and Spigot Pipes.

Section No. 316. Before inserting the spigot end of the pipe into the hub or socket, the lower half of each socket shall be plastered on the inside with a layer of cement mortar mixed in the proportion of one part of cement to 1½ parts of sand and of a sufficient thickness to bring the inner bottom surfaces of the abutting pipes flush and even with the established flow line. After pipes are fitted, the space between the inside of the upper half of each socket and the outside of the entering pipe shall be filled with cement mortar, mixed as above specified, and the outside of the joint shall be thoroughly sealed with the same kind of mortar and the joints carefully wiped to a smooth bevel outside, and all mortar that may be left on the inside of the pipe must be thoroughly removed and the inside of the pipe left clean and smooth throughout.

Pipes to be Cut.

The ends of pipes, which enter masonry, shall be neatly cut to fit the face of the masonry. When directed, such cutting shall be done before the pipes are built in.

Iron Pipe Sewers.

Section No. 317. Sewers of iron pipe, of quality and laid in the manner described elsewhere in these specifications for the laying of water mains, shall be laid wherever indicated on the plans or at such places as the Engineer shall direct.

Special Castings.

Section No. 318. Wherever such pipes are laid through vaults they shall, when required by the Engineer, be provided with special castings for manholes, which shall be fitted with a cover bolted on so as to make an air-tight joint, according to the plans to be furnished by the Engineer.

Ventilators.

Section No. 319. Whenever, in the opinion of the Engineer, it becomes necessary to provide ventilation for sewers under other structures, iron pipe shall be laid from the sewer to the surface of the street and fitted with proper gratings according to the plans to be furnished by the Engineer.

Connections.

Section No. 320. All existing sewers, culverts, drains and house connections intercepted by the proposed sewers, culverts or receiving basins shall be connected with the new work by proper curves and grades and in such manner as the Engineer shall direct; and all drains, basins or culverts rendered unnecessary or becoming disused by the work herein contemplated shall be filled in and made solid with good wholesome earth in the manner directed. Provision shall also be made for the connection of future sewers or basins by constructing brick spurs or inserting vitrified pipe at the points indicated on the contract drawings and at other points as the Engineer may direct. These connections shall be closed with bulkheads not less than eight inches in thickness and of the quality specified for brick masonry.

Fresh Work to be Protected.

Section No. 321. All fresh work shall be carefully protected from injury in every way. No wheeling or walking will be allowed on it and any portion injured must be relaid by the Contractor; no walking or working over the pipes after they are laid, except as may be necessary in tamping the earth and refilling, will be allowed until there is at least two and one-half feet of earth over them.

Pipes to be Kept Clean.

Section No. 322. The interior of pipe sewers shall be carefully freed from all dirt, cement and superfluous material of every description as the work progresses, for which purpose a disc, mold or plate, attached to a rod sufficiently long to pass two joints from the end of the pipe last laid, shall be continuously worked through.

Exposed Ends of Pipes to be Protected.

Section No. 323. The exposed ends of pipe sewers shall, in all cases, be protected with a board or other stopper carefully fitted to the pipe, to prevent earth or other substances from washing in, and in no case shall brick or stone be used for that purpose.

Manholes.

Section No. 324. The masonry of manholes shall be carried up so that the top of the iron head when set shall be at the level of the established grade of the street at that point or to such height as the Engineer may direct, and from templates correctly made and set at top and bottom, between which not less than eight lines shall be drawn. Where manholes are not built to the established grade of the street, they shall be covered, when necessary, by selected bluestone slabs eight inches in thickness, to support the manhole heads. All joints shall be neatly struck and pointed on the inside. Each manhole shall be plastered thoroughly on the outside with cement mortar one inch in thickness, mixed in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 325. The foundations for manholes shall be of concrete or masonry of the kind indicated on the plans and shall be not less than twelve inches below the invert elevation of the sewer, except as otherwise indicated on the plan. When foundation additional to that indicated on the plan is required, it shall be built as directed by the Engineer.

Pipe Connections.

Section No. 326. Sewer pipes shall be built in and trimmed, when necessary, so as to be flush with the inner face of the manhole, and an arch, laid in cement mortar, shall be turned over the pipe.

Vitrified Bricks or Granite Blocks.

Section No. 327. The invert shall be built of vitrified brick, granite blocks or concrete masonry, as indicated on the contract drawings.

Use of Bats.

Section No. 328. A reasonable number of bats not smaller than half bricks may be used in the construction of manholes or receiving basins, provided all interstices are thoroughly filled with mortar.

Steps.

Section No. 329. Standard steps of good quality of galvanized wrought iron, of the size, length and shape required for steps, shall be built into the interior sides of all manholes at a distance apart of not more than fifteen (15) inches vertically and they shall be so arranged that the lowest step shall be not more than two feet above the bench at the bottom of the manholes nor more than two feet above the invert of the sewer where there is no bench. Each manhole head shall be cast with a wrought iron step on the inside, when directed by the Engineer.

Bluestone.

Section No. 330. Hammer-dressed bluestone shall be furnished and laid of the form and thickness required as indicated on the plans or as otherwise directed.

Manhole Head and Cover.

Section No. 331. A cast-iron manhole head and cover of the quality specified for cast-iron, and except in special cases, of the pattern adopted by the President of the Borough in which the work is located, and in dimensions, weight and all other respects satisfactory to the Engineer shall be fitted on a bed of mortar to each of the above described manholes. Manhole heads and covers which do not conform to these specifications shall be removed at once from the work.

Perforations.

Section No. 332. Covers to be used on manholes in the street shall be perforated. Those used on sidewalk manholes shall be tight-fitting without perforations.

Weights.

Section No. 333. Each manhole head and cover shall have its weight distinctly marked upon it with oil paint. The following shall be allowed as the minimum and maximum weights:

Street manhole head, 475 to 500 pounds.
Street manhole cover, 135 to 150 pounds.
Sidewalk manhole head, 300 to 310 pounds.
Sidewalk manhole cover, 100 to 110 pounds.

Noiseless Heads and Covers.

Section No. 334. When the pavement of the street is asphalt or wooden block, the manhole shall be fitted with a noiseless head and cover, to be approved by the Engineer, where new heads and covers are necessary.

Sealed Manhole Heads and Covers.

Section No. 335. All manholes in vaults or other structures shall be provided with sealed manhole heads and covers according to the design indicated on the plans.

Emergency Manholes.

Section No. 336. Where a sewer crosses under the subway, emergency manholes shall be provided when directed by the Engineer and according to plans to be furnished by him.

Manholes to Be Completed.

Section No. 337. Manholes shall in all cases be fully and completely built and fitted with their covers as the work progresses, and the sewers shall not be laid beyond or in advance of any uncompleted manhole.

Receiving Basins.

Section No. 338. Receiving basins shall be built as located on the plans or as the Engineer shall direct and in accordance with the plans to be furnished. Each portion of the basin shall be built of the size and materials designated on said drawings and shall be thoroughly plastered, both inside and outside, with cement mortar in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 339. The foundations for receiving basins shall be of concrete or masonry of the kind indicated on the plans and shall extend not less than twelve inches below the finished floor of the basin, except as otherwise indicated on the plans. When additional foundation is required, it shall be built as directed by the Engineer.

Stone Flooring.

Section No. 340. The flooring shall be of hammer-dressed North River bluestone flagging, not less than three inches thick, in not more than two pieces, and shall be well set in a full bed of mortar and rammed into place. The floor may be finished with cement mortar mixed in the proportion of one part of cement to one part of sand, if so directed by the Engineer. The mortar shall be spread, while fresh, upon the concrete base and before the latter shall have reached its first set; it shall be in such quantity that after thorough manipulation it shall be one inch in thickness.

Head Stone and Gutter Stone.

Section No. 341. Where head stone and gutter stone are required they shall be of sound, durable granite of the dimensions indicated on the plan, hammer dressed to an even surface and cut to the satisfaction of the Engineer. Cast-iron basin heads and gutter pieces of the design indicated on the plans shall be set instead of the above when required.

Cast-iron Cover.

Section No. 342. A cast-iron cover of approved pattern weighing not less than eighty nor more than ninety-five pounds shall be fitted to the opening in the head stone.

Grate Bar.

Section No. 343. A grate bar made according to the plan shall be fastened solidly into the said head stone in the manner indicated.

Cast-iron Trap.

Section No. 344. A cast-iron trap of the form and dimensions indicated on the plan free from imperfections, and properly coated with coal pitch varnish shall be furnished and built into place, as directed by the Engineer.

Joints.

Section No. 345. The joints shall be tightly fitted with an oakum gasket or with cement mortar, if so directed.

Iron Steps.

Section No. 346. Galvanized iron steps of the same design required for manholes shall be built into the walls.

Culvert Pipes.

Section No. 347. The culvert pipe for connections with sewers shall be 12-inch vitrified pipe unless otherwise indicated on the plan, and of the kind and quality previously described, and shall be laid, in all cases, in a concrete cradle of the form and dimensions required for pipe sewers, in accordance with the directions of the Engineer. In case it becomes necessary to connect any basin already built with the work to be constructed, so much of such culverts as in the opinion of the Engineer may be necessary shall be taken up and rebuilt or relaid with vitrified pipe, or brick, as the case may be, in the manner described above, and reconnected in a straight line from the basin to the sewer.

Flush Tanks.

Section No. 348. Automatic flush tanks of a type approved by the Engineer shall be built where indicated on the plans or where directed by the Engineer.

Waterproofing.

Section No. 349. Whenever, in the opinion of the Engineer, it is necessary to waterproof a sewer, chamber or receiving basin, or their appurtenances, it shall be done as indicated on the plans or as directed by the Engineer and in the manner described elsewhere in these specifications.

Mortar.

Section No. 350. All masonry shall be laid in Portland cement mortar of the quality described in these specifications. It shall be mixed in the proportion of one (1) part of cement to two (2) parts of sand, excepting as otherwise specially provided.

Concrete.

Section No. 351. All concrete for sewers shall be made in the proportion of one one (1) part of cement to two (2) parts of sand and four (4) parts of stone of the quality described in these specifications, and shall be paid for at the price stipulated on Schedule Item 6.

Paving.

Section No. 352. On the completion of each section of one hundred feet of sewer, the sidewalks and roadways shall be restored as provided under specification Subdivision 22, Surfaces Restored.

Permits for Connections.

Section No. 353. The Commissioner of Public Works shall have the right to connect any sewer or sewers with the sewers herein described or to grant permits to any person or persons to make connections therewith at any time before it is finally completed, and the Contractor shall not interfere with or place obstructions in the way of such person or persons as may be employed in building such new sewer or sewers or in making such connections. This is not to be construed, however, as permitting the introduction of storm water or sewage into any sewer being constructed under this contract before its final completion.

Thoroughly Cleaned.

Section No. 354. During the progress of the work, and until the entire completion and final acceptance thereof, the sewers, drains, basins, culverts and connections shall be kept thoroughly cleaned throughout, and left clean, and the drainage of any old sewer that may be taken up or intercepted shall be provided for and taken care of by the Contractor, all at his own expense.

Payment for Sewers.

Section No. 355. Payment for sewers will be per lineal foot of sewer complete as herein provided in Schedule Items 37 to 40, 40-A, 41 to 43, 45, 49, 50, 52, 54-A, except as hereinafter specifically provided. The price for each class of sewer is to include each and every item applicable thereto as herein given in Sections Nos. 278 to 354 of these specifications and as otherwise provided in the contract and as indicated on the plans; excepting as is hereinafter specially provided.

Excavation.

Section No. 356. In addition to the price per lineal foot for completed sewer, as above provided, excavation will be paid for at the prices herein stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92), on the basis of size of trench stipulated in Sections Nos. 282 and 285. Payment for street surface restored shall be as provided in Schedule Item 30 (a), (e), (f) and (g).

Payment for park surface restored shall be made as stipulated in Schedule Item 31.

Steel Beams and Reinforcing Rods.

Section No. 357. Where steel beams or reinforcing rods are required and ordered, such beams and rods will be paid for in addition to the price bid for the sewer and at the prices herein stipulated for furnishing and placing such material and all work incidental thereto, in Schedule Items 20 or 21.

Automatic Flush Tanks.

Section No. 358. Where automatic flush tanks are built as provided in Section No. 348 of the specifications they will be paid for as herein provided in Article XII of the contract.

Waterproofing.

Section No. 359. Where waterproofing is required and placed in accordance with Section No. 349 of the specifications it will be paid for at the prices herein stipulated for waterproofing, Schedule Item 15 or 16.

Siphons.

Section No. 360. Where inverted siphons passing under the subway structure are called for and built, they shall be considered as part of the regular subway construction from outside to outside of the sewer chambers or between points of departure from standard sewer construction, such limits being indicated on the plans; and payment for such siphons will be made in accordance with the various classes of work or material as are applicable thereto in the Schedule and at the prices therein stipulated for such items.

Cast-iron Pipe Sewers, etc.

Section No. 361. All cast-iron pipe sewers wherever built, and the parts within the limits of the Railroad, when indicated on the plans, of all other sewers crossing over or under the Railroad, will be paid for in accordance with the various classes of work or material applicable thereto in the Schedule and at the prices stipulated therein for such classes of work or material.

House and Drainage Connections.

Section No. 362. The cost of the maintenance, support or construction of all house or other drainage connections made necessary by construction under Sections Nos. 360 and 361 will be included in the prices for the several classes of work and material entering into such construction.

Sewers Under Station Platforms.

Wherever a sewer passes under a station or station platforms, all the requirements with respect to extra heavy soil pipe, special manhole castings, ventilating pipes, and sealed manhole covers, as included in Sections Nos. 301, 318, 319 and 335, respectively, apply in every respect.

19.

Requirements for Pipes.

Generally.

Section No. 363. Whenever it is necessary to relay any water main, all new material required for the same shall be of the quality and laid in the manner specified below, and subject to the various clauses of these specifications applicable thereto.

Pipes to be Cylinders.

Section No. 364. The pipes shall be circular cylinders, with the inner and outer surfaces concentric, and of the full interior diameter required.

Hubs and Spigots.

Section No. 365. The hub or socket and the spigot end shall be shaped in exact conformity with the standards of the Department of Water Supply, to be furnished by the Commission, and will be tested by circular gauges.

Workmanship.

Section No. 366. The seat or shoulder of the socket and the end of the spigot shall be straight and even, and at right angles to the axis of the pipe, so as to make a smooth, tight joint. Special care will be required in making the sockets and spigots to conform to the drawings and all pipes will be rigorously inspected at these points. No pipe will be received whose eccentricity at either the spigot or socket ends, exceeds one-eighth (⅛) of an inch, or whose dimensions differ by more than one-eighth (⅛) of an inch from those required.

Interior Diameter.

Section No. 367. The pipes shall be designated by dimensions of the interior diameter.

Lugs, Etc.

Section No. 368 Bands, lugs, buttons, or ribs shall, if required, be cast on the pipes, of such forms and dimensions as the Engineer may direct.

Length of Pipe.

Section No. 369. The straight pipe shall be twelve (12) feet long, exclusive of hub; other pipe as may be directed.

Straightness.

Section No. 370. All straight pipes shall be straight in the direction of the axis of the cylinder.

Thickness and Weights.

Section No. 371. The thickness of the pipes, branches and special castings shall correspond with the standards of the Department of Water Supply. The weight for straight pipe shall be as follows:

60-inch pipes, special.
48-inch pipes, 9,886 pounds each.
42-inch pipes, special.
36-inch pipes, 5,920 pounds each.
30-inch pipes, 4,460 pounds each.
24-inch pipes, 2,965 pounds each.
20-inch pipes, 1,979 pounds each.
16-inch pipes, 1,458 pounds each.
12-inch pipes, 1,018 pounds each.
8-inch pipes, 542 pounds each.
6-inch pipes, 416 pounds each

High Pressure Fire System.

Section No. 372. For high-pressure fire system standard spigot and grooves—the weights for straight pipes, with lugs, shall be as follows, in pounds per length:

	Of 3 ft.	Of 4 ft.	Of 6 ft.	Of 12 ft.
8-inch	355	420	550	935
12-inch	615	745	1,000	1,765
16-inch	1,005	1,215	1,635	2,905
20-inch	1,475	1,795	2,425	4,320
24-inch	2,105	2,585	3,535	6,385

All requirements as to weights, laying, tests, etc., shall be in strict accordance with the standard requirements of the Department of Water Supply, Gas and Electricity.

Will Be Calipered.

Section No. 373. The thickness of the metal of the pipes and special castings will be tested by calipers after the castings have been freed from sand and cleaned.

Variations in Thickness.

Section No. 374. No pipe will be received when the thickness of metal is less by more than one-twelfth (1/12) of an inch than the thickness required by the standards.

Variation in Weights of Castings.

Section No. 375. Any straight pipe the weight of which is deficient by more than the following stated percentages of the standard weight, will be rejected:

For pipe 16 inches or less in diameter, 5 per cent.

For pipe over 16 inches in diameter, 4 per cent.

Excess weight in any one pipe not to exceed the above stated percentages will be paid for. The total weight, however, to be paid for shall not exceed for each size of pipe received the sum of the standard weights of the same number of pieces of the given size, by more than two (2) per centum.

(The term "Standard Weight" as above used in connection with straight pipe shall be taken to mean the standard weight corresponding to the actual laying length of the pipe as furnished.)

Any special casting the weight of which is deficient by more than the following stated percentages of the standard weight will be rejected:

For special castings 12 inches or less in diameter 10 per cent.

For special castings over 12 inches in diameter 8 per cent.

Excess weight in any one special casting, not to exceed the following stated percentages, will be paid for:

For special castings 12 inches or less in diameter 8 per cent.

For special castings over 12 inches in diameter 6 per cent.

The total weight, however, to be paid for shall not exceed for the special castings received the sum of the standard weights of the same number of special castings by more than five (5) per cent.

Straight Pipe Cast Vertically.

Section No. 376. All straight pipes shall be cast vertically, and all pipes 12 inches or more in diameter shall be cast with the hub end down.

Clean and Smooth.

Section No. 377. All the castings shall be made in such moulding-sand or loam as will leave the surface clean and smooth.

Castings, How Marked.

Section No. 378. All the castings shall have the year in which they are cast, the running number of the castings of the same size and form, the letters D. W. S., and the initials or name of the Contractor, and of the foundry where cast, cast on the outer side in raised letters of not less than two (2) inches in length and one-eighth (1/8) of an inch in relief, in such manner as the Engineer may designate; and in case any pipe shall be condemned, the letters D. W. S. shall be erased by the Contractor.

Quality of Cast-Iron.

Section No. 379. The metal of which the castings are to be cast (which shall be remelted in a cupola or air-furnace) shall be pig-iron, made without any admixture of cinder-iron, or other inferior metal, and shall be of such character as to make a pipe strong, tough and of an even grain, entirely free from uncombined carbon when seen under the microscope, and such as will bear, satisfactorily, drilling and cutting, and shall have a tensile strength of at least sixteen thousand (16,000) pounds to the square inch.

Imperfections.

Section No. 380. The castings shall be free from scoria, sand holes, air bubbles, and other defects and imperfections.

Castings To Be Clean.

Section No. 381. The castings shall be perfectly cleaned and no lumps shall be left on the inner surface of the barrels or sockets, or on the outer surface of the spigot end. The castings shall be subject to hammer inspection. Iron-wire brushes shall be used, as well as softer brushes, to remove the loose dust. No acid or other liquid shall be used in cleaning the castings.

Pipes To Be Coated.

Section No. 382. Every pipe, branch and special casting shall be carefully coated inside and out with coal pitch and oil. Every casting shall likewise be entirely free from rust when the coating is applied. If the casting cannot be dipped immediately after being cleaned, the surface shall be oiled with linseed oil, to preserve it until it is ready to be dipped. No casting shall be dipped after rust has set in.

Pitch.

Section No. 383. The coal-tar pitch shall be made from coal-tar distilled until the naphtha is entirely removed and the material mixed with linseed oil so as to make a smooth, tough and tenacious coating. Pitch which becomes hard and brittle when cold will not answer for this use.

Temperature of Pitch.

Section No. 384. Pitch of the proper quality having been obtained, it shall be carefully heated in a suitable vessel to a temperature of three hundred (300) degrees Fahrenheit, and shall be maintained at not less than this temperature during the time of dipping. The material will thicken and deteriorate after a number of pipes have been dipped; fresh pitch shall, therefore, be frequently added, and occasionally the vessel shall be entirely emptied of its old contents and refilled with fresh pitch.

Temperature of Casting.

Section No. 385. Every casting shall attain a temperature of three hundred (300) degrees Fahrenheit before being removed from the vessel of hot pitch. It shall then be slowly removed and laid on skids to drip.

To Be Inspected Before Dipping.

Section No. 386. No casting shall be dipped until the authorized inspector has examined it as to cleaning and rust, and subjected it thoroughly to the hammer test. It may then be dipped, after which it will be passed to the hydraulic press to meet the required water test. The proper coating shall be tough and tenacious when cold on the pipes, and not brittle or with any tendency to scale off.

Tests.

Section No. 387. The castings must be capable of sustaining a pressure, in the hydraulic press, of three hundred (300) pounds to a square inch, and any casting which shows any defect by leaking, sweating or otherwise will be rejected. This test shall be made at the foundry, and at the expense of the Contractor.

Weighed and Marked.

Section No. 388. The castings shall be weighed, and the weight distinctly marked on the castings in white paint. The Contractor shall provide at the foundry where the pipes and castings are to be manufactured proper sealed scales and weights for weighing the castings, which shall be done at the expense of the Contractor, under the supervision of the inspector.

Blocking and Wedges.

Section No. 389. Each pipe over eight (8) inches inside diameter, unless otherwise ordered, shall be placed on two (2) blocks and four (4) wedges of hemlock timber, the wedges to rest on the blocks and the pipe on the wedges.

Timber for Blocking.

Section No. 390. The blocks and wedges shall be of sound hemlock timber; 48 and 36-inch pipe shall be laid on blocks 4 feet long, 12 inches wide and 6 inches thick, with wedges 18 inches long, 6 inches wide, 4 inches thick on one end and ½ inch thick on the other; 30 and 24-inch pipe on blocks 3 feet long, 10 inches wide and 5 inches thick, with wedges 15 inches long, 5 inches wide and 3½ inches thick on one end and ½ inch thick on the other end; 12 and 20-inch pipe on blocks 2 feet long, 8 inches wide and 4 inches thick, with wedges 12 inches long, 4 inches wide, 3 inches thick on one end and ½ inch thick on the other.

Joints.

Section No. 391. The spigot end of the pipe shall be inserted into the hub to within from one-fourth (¼) to one-eighth (⅛) of an inch of the full depth of the hub, and the space around the pipe shall be equalized so as to give as nearly as possible an equal space for the packing. The space between the pipe and hub shall be packed with clean, sound jute packing yarn, free from tar, far enough to leave the proper space for lead. The remaining space shall then be filled by running it full of lead to a depth of four (4) inches, with a bead outside of the face of the hub large enough to allow for caulking, so that when the joint is properly caulked the lead will be flush with the hub of the pipe. After the joint shall have been run with lead, it shall be caulked by means of proper tools, so as to make a water-tight joint.

Lead.

Section No. 392. The lead to be used shall be of the best quality of pure, soft lead, and in every respect suitable for the purpose.

Notice of Interruption To Be Given.

Section No. 393. In case it becomes necessary to cut any connection with any other main, house or hydrant, or in any way to interfere with the continuous and normal flow of water, due notice shall be sent at least forty-eight (48) hours in advance to the Engineer and to the Commissioner of Water Supply, and the Contractor shall, if so ordered, make a temporary by-pass or other arrangement to preserve the flow of water while breaking connections.

Connections Interfered With.

Section No. 394. All connections cut, interfered with or injured shall be restored under the directions of the Engineer, without delay, and in accordance with the rules and regulations of the Department of Water Supply governing such matters, to a suitable condition as good as existed before commencing work.

Stop Cocks, etc.

Section No. 395. Stop cocks, boxes, branches, curved pipe, and other specials according to the standards of the Department of Water Supply shall be set where necessary.

Specification of Owners Apply.

Section No. 396. For gas pipes, steam pipes, air pipes, mail tubes and any other pipes not herein enumerated, the standard weights and all other requirements shall be in accordance with the standard specifications and requirements of the several owners of such structures.

20.

Ducts.

Vitrified Ducts—Quality and Size.

Section No. 397. The ducts to contain cables for transmitting electricity shall be manufactured of the best clay, thoroughly mixed, burnt and vitrified, sound in all respects, straight and free from soft spots, stones, cracks or blisters liable to impair their strength or durability; in lengths generally of from eighteen (18) to thirty-six (36) inches; shorter lengths shall only be used as directed; generally in four-way form with circular holes, the diameter to be such as to pass a mandrel three and one-half (3½) inches in diameter; one, two or three-way ducts shall be used in special cases as determined by the Engineer. The interior surface of the holes to be smooth and clear of warts, tits, pits or blisters, which may tend to injure the electric cable in pulling the same through the duct. The ends to be cut smooth and at right angles to the axis of the duct and beveled on inside for three-quarters (¾) of an inch.

Thickness of Ducts.

Section No. 398. The outside walls and webs of four-way ducts to be three-quarters (¾) of an inch thick; the outside dimensions of ducts to be not less than nine and one-quarter (9¼) nor more than ten (10) inches, and constructed square on outer lines; the dimensions of single, two-way or three-way ducts shall be consistent with the above.

Ends Combed.

Section No. 399. The ends of ducts to be combed with two (2) sets of three (3) combings each, each combing to have a width of one-quarter (¼) of an inch and a depth of one-sixteenth (1/16) of an inch.

Glaze.

Section No. 400. The inside and outside of ducts to be thoroughly glazed in the most approved manner with good salt glaze.

Inspection.

Section No. 401. All ducts to be subject to inspection, both at the place of manufacture and on the work. All rejected ducts to be promptly removed by the Contractor at his expense.

How Laid.

Section No. 402. The ducts shall be laid in beds of cement mortar about one-quarter (¼) of an inch in thickness, with broken joints and with full bearing. Two (2) strips of thick unbleached muslin six (6) inches wide, and coated with neat cement mortar, shall be used to wrap each joint, the ends of the wrap to lap six (6) inches. The muslin shall be not less than 56 x 60 count, weight not less than four (4) ounces to the yard and width thirty-six (36) inches. In laying the ducts care must be taken to close abutting joints so that practically the ends of ducts shall be in contact on all sides. Where ducts are laid on curves, the wraps must be doubled if required, to protect the openings between the ends of the ducts on the outer line of the duct and to exclude all mortar from duct openings.

Mandrels.

Section No. 403. The ducts shall be laid with a linked mandrel of the length and diameter to be prescribed, the same accurately fitting the duct openings, the mandrel to be left in each duct until the next succeeding duct is laid.

Dowel Pins.

Section No. 404. The ducts shall be laid with dowel pins, at least two pins on the opposite sides horizontally.

Laid to Line.

Section No. 405. The ducts shall be so laid that the centre of the holes shall be true to line and grade.

To Be Rodded.

Section No. 406. After the ducts are laid, and sufficient time is given to allow the mortar in beds to set, they shall be rodded; all mortar or other foreign matter must be cleaned from the duct openings, leaving a clear and smooth opening. If obstructions are found in rodding the ducts which cannot be removed by cleaners, so as to give a clear and smooth opening sufficient to pass a three and one-quarter (3¼) inch mandrel, the ducts shall be removed and relaid; all ducts, during the construction and after being rodded, shall be plugged with suitable plugs, to be furnished by the Contractor. If wooden plugs are used they shall be immersed in water for at least eight (8) hours before being put in place.

Measurement and Payment for Vitrified Ducts.

Section No. 407. Tunnel ducts shall be paid for per duct foot in place at the price herein stipulated for tunnel ducts, Schedule Item 18, which price shall include the cost of furnishing, laying, rodding and all the material and work incidental thereto. The tunnel ducts to be provided under Schedule Item 18, shall include only those intended solely for the purpose of the operation of the Railroad, but either those incorporated in the Railroad structure or those laid on top of it.

Duct Manholes.

Section No. 408. Duct manholes shall be built at the sides of the Railroad in connection therewith and as indicated on the plans. These manholes shall be generally at intervals of about four hundred and fifty (450) feet, and shall be on either or both sides of the Railroad as necessary, in accordance with the location of the duct lines. They may vary in form as may be necessary to accommodate the work to local conditions. Sliding steel doors of an approved type and with the necessary fittings shall be provided for all duct manholes. Such doors and fittings will be paid for as riveted steel, Schedule Item 19.

Duct Manholes At Stations.

Duct manholes will be built at the ends of the stations to provide for the passage of the ducts under the station platforms.

Special.

Section No. 409. At manholes the ducts will be laid to conform to the special conditions.

21.

Conduits.

Open Construction Required.

Section No. 410. In all work where iron pipe conduits are installed for a part of their length in the structure and for another part as open construction, the ends of such runs shall be carried outside of said structure as open construction and shall terminate in outlet or junction boxes located by the Engineer.

To Be Covered by Station Finish.

Section No. 411. The iron pipe conduits required by Section No. 410 will be built mainly in the walls, roofs or other parts of the stations; portions, however, of the runs will be left exposed, to be covered later by the station finish work.

Quality Iron Pipe Conduit.

Section No. 412. All iron conduits used for any purpose in connection with the work herein shall be of the best grade (Galvaduct or equal) standard weight wrought iron or steel piping, protected inside and out by a coat of zinc or enamel. It shall be delivered to the work in bundles of full length pipes, each length marked with the trade mark of the manufacturer. It shall bend cold 90 degrees about a radius equal to ten diameters without signs of flaw or fracture in either pipe or enamel.

Installation.

Section No. 413. All conduits shall be carefully cleaned before and after erection, and all ends shall be reamed free from burrs, and inside surfaces shall be free from all imperfections liable to injure the cable.

Joints Water-Tight.

Section No. 414. All joints shall be made with standard couplings, well treated with red lead, and screwed up to make a water-tight job.

Built in Concrete, Etc.

Section No. 415. Conduits built into concrete or other parts of the structure shall be properly protected and supported, so that the same shall not be injured by the building operations.

Not Built in Concrete.

Section No. 416. Conduit not built into the structure shall be supported by approved pipe straps located not more than eight feet apart, or in any other manner designated by the Engineer, and they shall be kept boxed or otherwise suitably protected from injury.

Bends and Offsets.

Section No. 417. Bends and offsets may be made in the field if proper tools are used, but in no case shall deformed, split or crushed conduit be erected. Not more than two right angle bends shall be made between any two outlet boxes without special approval of the Engineer.

Measurement and Payment.

Section No. 418. Measurements for the above iron pipe conduits shall be per lineal foot of single conduit placed in the work—in accordance with the requirements—and payment for the same shall be as herein stipulated in Schedule Item 32.

Outlet and Pull Boxes and Payment for Same.

Section No. 419. All outlet and pull boxes shall be made of cast iron, with openings threaded for the conduit ends, and conduits shall be screwed into these openings and made up with red lead to effect a water-tight joint. Covers shall be of cast iron and water-tight, and no other boxes or covers shall be used except under special permission of the Engineer. The price for each cast iron outlet and pull box furnished and placed in the work shall be as herein stipulated in Schedule Items 33 and 33-A.

22.

Surfaces Restored.

Pavement to Be Restored.

Section No. 420. As soon as the structure in any excavation or trench made within a street shall be completed and the trench back-filled, a temporary pavement shall be laid and maintained in a condition satisfactory to the Engineer; and after the earth shall have become, in the opinion of the Engineer, sufficiently settled, the Contractor shall proceed to restore the surface to a condition similar to, and equally as good as, that existing previous to the commencement of construction.

Provisions Apply to Sewer Trenches.

Section No. 421. All the requirements as to street surface restored shall apply to the trenches for sewers, pipes or other subsurface structures along or off the line of the Railroad.

Other Sidewalks May Be Laid.

Section No. 422. Nothing contained in these specifications shall be understood or construed as prohibiting the Contractor from making any arrangement with the President of the Borough, or such other officer of the City of New York as may be in charge of street paving, to lay a better or other form of street pavement in the roadway between curb lines; or to make an arrangement with any property owner to lay another style of sidewalk, or other surface covering within curb lines, in place of the sidewalk or other surface covering taken up; in which case the Contractor shall file with the Commission a copy of his contract with such municipal officer or with such property owner, duly acknowledged in writing by both parties.

In case the municipal officer in charge of street paving, or any property owner desires to lay a pavement in the roadway between curb lines, or a sidewalk, or other surface covering within curb lines, affected by this contract, different from the one removed, and shall notify the Commission in writing that he has failed to make satisfactory arrangements for such work with the Contractor, then the Commission, in its discretion, may direct the Contractor to finish and dress off the filling over his work to such grade as the Engineer may select, and further direct him to remove from the area to be restored all material of whatever nature not required to be relaid, and to permit another contractor to lay such roadway pavement, sidewalk or other surface covering; in which case the liability of the Contractor under this contract shall cease, as far as that part of his work is concerned, whenever the Engineer shall report to the Commission that the instructions of the Commission have been complied with, exactly the same as if the Contractor had fully completed the restoration as hereinbefore provided.

Payment for Street Surface Restored.

Section No. 423. Payment for street surface restored will be made as provided in Schedule Item 30 (a) within curblines, and Schedule Item 30 (e), (f) and (g) between curb lines, which prices shall include the cost of restoring all curbs, manhole heads and covers, gratings, vault lights, etc., that formed a part of the original street surface.

When required by the Engineer, the Contractor shall furnish and set contiguous to ventilating grating work and station vault light work new blue stone curb dressed to fit the structure. This new curb, in place, including all work, labor and material incidental thereto, will be paid for at the price stipulated in Schedule Item 30 (i).

When required by the Engineer, the Contractor shall set such new curbs, or restore the old curbs contiguous to such grating and vault light work when new ones are not ordered, at a new line to be established by the President of the Borough, and such additional roadway pavement as may be required thereby will be paid for at the unit price specified in the Schedule applicable thereto.

Measurements.

Section No. 424. The measurement for payment for street and park surface restored will be to the ordered net lines of excavation.

Outside of Net Lines.

Section No. 425. All other pavement outside of the net lines of ordered excavation, either along or off the line of the Railroad, that may have become damaged, directly or indirectly, as a result of the Contractor's operations, shall be restored by the Contractor at his own cost and expense to a condition similar to and equally as good as that existing previous to the commencement of construction.

Restoration of Trees, Etc.

Where any grass plots or trees exist along any street occupied by the Contractor, proper precautions must be taken to protect them from injury. For every tree removed, injured or destroyed, the Contractor shall set out a new thrifty tree of the same kind as the tree removed, injured or destroyed, and not less than fifteen (15) feet in height and not less than three and one-half (3½) inches in diameter measured two feet above the surface of the ground, and in such position as the Commissioner of Parks shall indicate. All grass plots, shrubbery and other plants removed or affected by the construction of the Railroad, shall be restored as soon as possible to as good a condition as existed before the commencement of the work. In replanting trees and the replanting of grass plots the Contractor must be governed by the reasonable requirements of the Commissioner of Parks or by other authorities specially charged with the care of these trees or grass plots, and the nature and depth of the soil to be placed therein must be as approved by such authorities and by the Commission. Payment for all the work covered in this paragraph shall be included in the price paid for street surface restored within curb lines, Schedule Item 30 (a), when such work comes within the net lines of ordered excavation. All such work outside of the ordered net lines of excavation, either along or off the line of the Railroad, shall be restored at the Contractor's own cost and expense. When work such as described in this paragraph adjoins a park, it includes such work on the park sidewalks between the street roadway curbs and the lines of the park surface.

Protection of Trees, Roads, Etc.

In any park or parkway the Contractor must take proper precautions to protect from injury all trees, roads, cross-paths, grass plots, shrubbery and other plants and other park features, and when the same are removed, injured or destroyed by the construction of the Railroad, they (except trees) shall be restored as soon as possible to as good a condition as existed before the commencement of the work. The nature and the depth of the soil to be placed and all other work in connection with such restoration must be governed by the reasonable requirements of the Commissioner of Parks or of other authorities responsible for the care of such parks or parkways. For every tree removed, injured or destroyed, the Contractor shall set a new tree, as provided in the preceding paragraph of this section. Payment for park surface restored will be made at the price stipulated in Schedule Item 31, which will include the cost of all work, labor and material required to restore all classes of park surface. (See Section No. 427.)

23.

Gratings, Hand-Rails, Etc.

Steel Gratings.

Section No. 426. Steel gratings shall be provided and placed over fan and other ventilating chambers, and over station approaches, at places shown on the plans, or at other places if required by the Engineer. They will be constructed as shown on the detailed plans for gratings.

At Stations.

Steel gratings also shall be provided and placed over stations as prescribed in the preceding paragraph.

Measurement and Payment.

Gratings will be measured to the lines as constructed and payment therefor will be made as herein provided in Schedule Item 28, which price shall include the grating in place in the work, all frames and framing, and all incidental work, labor and material.

Galvanized Iron Pipe Hand-rails.

Galvanized iron pipe hand-rails, of one or more horizontal rails and supported on wall brackets or on pipe posts, will be placed in the Railroad over the benches containing the ducts, or at other points where directed by the Engineer. They shall be securely fastened to the wall, bench or floor of the tunnel by means of expansion bolts, and as shown on the contract drawings. Measurements for payment will be per lineal foot of pipe rail and posts in place in the work, complete, and at the price as stipulated in Schedule Item 27.

Vault Lights.

The roofs of the stations, where under sidewalks, shall, to as great an extent as possible, consist of vault light construction. These lights shall be made with lenses, not exceeding three (3) inches in diameter, of strong glass set in cement, and the joint between the glass and the cement shall be made watertight by the use of an approved elastic composition which shall also serve to protect the glass from breaking due to the contraction of the supporting slab. They shall be provided with non-slipping treads, buttons or other devices all of design approved by the Engineer; and shall be of sufficient strength to carry, when supported in a manner similar to that in which they are to be permanently set, an equally distributed load of at least five hundred (500) pounds per square foot without signs of failure, deformation or permanent set, when such test load is removed. The right is reserved to test at least one (1) frame or panel in every ten (10), as selected by the Engineer; and, if that fail, then the whole lot may be rejected. The vault lights must be set in place with cement, lead or other means to be absolutely waterproof; and the joint between the vault light construction and the supporting walls or beams shall be made watertight by the use of an approved elastic composition. Any tests required shall be at the Contractor's expense.

Measurement and Payment.

The area for payment for vault lights shall be to lines not exceeding one (1) foot outside of the inner faces of the supporting walls, and the price paid will be as provided in Schedule Item 29 which price shall include all work, labor and material incidental to the completed vault lights in place.

24.

Special Matters.

Union Square Park.

Section No. 427. In Union Square the Contractor at his own expense shall erect and maintain fences and traffic bridges substantially as shown on the contract drawings. Such fences and bridges shall be subject to all the requirements elsewhere contained herein.

The Contractor must keep all the work of subway construction in Union Square within the fenced enclosures, but he will be permitted to prosecute such work in open-trench excavation without cover.

The Contractor will not be required to place soil or to restore the park surface (as described in the third paragraph of Section No. 425) in Union Square within the fenced enclosures or under the traffic bridges crossing the subway trench, but, in accordance with the provisions of Subdivision 6, he shall backfill the excavation within such areas to the elevations required by the Engineer; except that all such required backfill above the elevations of the original top surface of the park will be paid for as stipulated in Section No. 90. On this backfilled surface it is understood that the Department of Parks will construct a new park surface.

Although relieved of restoring the park surface in Union Square as above described, the Contractor must carefully remove, protect and deliver to the Department of Parks, as required, the fountains and any other similar park features which may be affected by the work, except that the Lafayette monument must be moved to and placed in a new location nearby.

IV.

Security to be Furnished by Contractor.

Contractor's Bond.

Article XXVII. Simultaneously with the execution of this contract the Contractor shall give security for the performance of his obligation by filing with the Comptroller a bond in the form annexed hereto, entitled, "Form of Bond," executed by the Contractor and by two or more sureties to be corporations or persons approved by the Commission in the sum of Seventy-five thousand ($75,000) dollars. In case any of the sureties upon the bond shall become insolvent or unable in the opinion of the Commission to pay promptly the amount of such bond to the extent to which such surety might be liable, then the Contractor within ten days after notice by the Commission to the Contractor shall, by supplemental bond or otherwise, substitute another and sufficient surety to be approved by the Commission in place of the surety so insolvent or unable. If the Contractor shall fail, within such ten days or such further time as the Commission may grant, to substitute another and sufficient surety, then the Contractor shall, for all the purposes of this contract, be deemed to be in default in the performance of his obligations hereunder and upon the said bond, and the Commission may terminate the contract or may bring any proper suit or proceeding against the Contractor and the sureties, or either of them, or may require to be deducted from any moneys then in, or thereafter coming into, the hands of the City and due to the Contractor the amount for which the surety insolvent or unable as aforesaid shall have justified on the bond; and the moneys so deducted shall be held by the Comptroller as collateral security for the performance of the condition of the bond.

Deposit of Cash or Securities.

*Article XXVIII. The Contractor may at his option deposit with the Comptroller in lieu of said bond or of any part thereof, an equal amount in cash or in value of securities. If securities be deposited they shall be securities of which a schedule shall be hereto annexed, entitled Schedule of Securities, and there shall be deposited with them the written approval of the Commission which it shall give when satisfied as to the character thereof. In case any of the securities so deposited shall, in the opinion of the Commission, at any time cease to be of the character of securities in which the savings banks of the State of New York are then authorized by law to invest moneys, or shall, in the opinion of the Commission, at any time become of less value than the value stated for it or them in said schedule,—then within ten days after notice to the Contractor of the objection of the Commission, the Contractor shall either substitute therefor securities which shall be approved by the Commission as of the character aforesaid and as being of at least the value of the former securities to which the Commission shall have objected as such value was originally stated in the said schedule, or shall deposit with the Comptroller in cash the amount of such value of such former securities as so originally stated. In case the Contractor shall not within such ten days substitute such new securities, he shall, if the Commission so elect, be deemed to be in default in the performance of his obligations under this contract; and in addition to any and all other remedies against the Contractor or his sureties, the Commission may require the Comptroller to deduct from any moneys then due or which thereafter may become due to the Contractor under this contract, the amount of the original valuation of such securities objected to, and to hold such amount in lieu of such securities, as if part of the original deposit or as if deposited with the Comptroller as aforesaid, and such amount shall in such case be deemed to be paid to the Contractor upon the contract. The securities so objected to shall upon such substitution of securities or deposit of cash in lieu thereof be returned to the Contractor.

*Articles XXVIII to XXXII inclusive will form part of the contract only in case the Contractor elects to deposit cash or securities in lieu of a bond or to deposit corporate stock of The City of New York in lieu of retained percentages.

The City shall from time to time collect all interest, dividends or other profits or income on any securities deposited by the Contractor, and shall, when and as collected, pay the same to the Contractor. If the securities are in the form of coupon bonds the coupons as they respectively become due shall be delivered to the Contractor. If the deposit be made in cash, interest shall be paid to the Contractor at the average rate of interest received by the City on its bank balances during such period. Provided, however, that the Contractor shall not be entitled to interest, dividends or other profits or income on any securities the proceeds of which shall be used or applied as hereinafter provided.

Security For.

Article XXIX. The said deposit whether in cash or securities, in the form and as the same shall at any time be, shall be security for the faithful performance by the Contractor of all the covenants, conditions and requirements specified and provided for in this contract. In case of any default on the part of the Contractor in such performance, and in the further case that the City shall for or by reason of such failure, whether by reason of employment of another contractor or contractors or otherwise, incur or become liable for expense through such default as hereinafter provided, then the Comptroller shall forthwith pay or apply to the use of the City the amount of such expense out of the said deposit in cash or securities or out of the portion of the deposit remaining at the time.

Sale of Securities.

Article XXX. The Comptroller shall, upon the requirement of the Commission, in order to make such payment or application to the use of the City, sell at public auction in The City of New York any of the securities which may then constitute part of such deposit upon notice to be published in three daily newspapers, the first publication to be not less than ten days before the sale and such publication to be made three times within such ten days. Any such sale shall be adjourned from time to time if requested by the Commission. The Comptroller shall, upon the requirement of the Commission, deduct from the proceeds of any such sale all expenses thereof and of such advertisement, and pay and apply to the use of the City so much of the residue of such proceeds as may be necessary for the purpose aforesaid. And the Contractor within ten days after notice from the Commission so to do shall (unless the time be extended by the Commission) by further deposit, according to the requirement of the Commission, of money or securities of the character aforesaid approved by the Commission restore the said deposit with the Comptroller to the full amount originally required. In addition to, or in lieu of, the sale above provided for, the Commission may, in the name of and in behalf of the City, bring any appropriate suit or proceeding in any proper court to enforce the lien and claim of the City in and upon the said deposit, whether such deposit be in money or securities.

Retention of Security.

Article XXXI. If at any time when the Contractor shall otherwise be entitled to a return of the said deposit, there shall be pending any claim for damages or loss caused to others by the negligence, fault, or default of the Contractor, for which it shall be claimed that the City shall be liable, then and in that case the said deposit, or such part thereof as the Commission shall prescribe, shall, upon the requirement of the Commission, be reserved by the Comptroller for a reasonable time as security to the City against such claims. And the amount of any such damages or costs paid by the City to others or for which the City shall be liable to others, shall be deducted from the said deposit before the same shall be returned to the Contractor as hereinafter provided.

On Completion of Works.

Article XXXII. When the Contractor shall have fully completed the Works according to the terms of this contract and the Commission shall so certify, the Comptroller shall pay and deliver to the Contractor the said deposit, or so much thereof as shall not have been reserved or used or applied for any of the purposes above mentioned.

Retained Percentages.

Article XXXIII. In addition and as further security there shall be deducted fifteen per centum (15%) of the amounts certified from time to time to be due to the Contractor until the amount so deducted and retained shall equal ten (10) per centum of the sum of the amounts resulting from the product of the estimated approximate quantities and the Unit Prices as contained in the Schedule of Unit Prices in the Contractor's proposal. Thereafter there shall be so deducted and retained for such purpose ten per centum (10%) of amounts certified from time to time to be due to the Contractor. The Contractor may from time to time withdraw portions of the amounts so to be retained upon depositing with the Comptroller corporate stock of The City of New York of a market value equal to the amount so withdrawn, in which event the provision of this chapter in respect of securities shall also apply to such corporate stock.

V.

Payments to Contractor.

Partial Payments.

Article XXXV. In order to assist the Contractor to prosecute the work advantageously, the Engineer shall, from time to time, as the work progresses, but not oftener than once a month, make in writing an estimate, such as in his opinion shall be just and fair, of the amount and value of the work done and materials incorporated in the work by the Contractor according to the terms of this contract (but it is understood that in making such estimates the Engineer shall not necessarily be governed by the unit prices contained in the Contractor's proposal), provided, however, that estimates may at any time be withheld or reduced, if, in the opinion of the Engineer, the work is not proceeding in accordance with the contract. The first such estimate shall be of the amount and value of the work done and materials incorporated in the work since the Contractor commenced the performance of this contract on his part. Every subsequent estimate except the final estimate shall be of the amount and value of the work done and materials incorporated in the work since the last preceding estimate was made, provided, however, that no such estimate shall be required to be made when, in the judgment of the Engineer, the total value of the work done and materials incorporated in the work since the last preceding estimate amounts to less than ten thousand ($10,000.00) dollars. The Engineer shall further include accepted structural iron and steel delivered on the site of the work, or on property owned or leased by the City, but not incorporated in the work, at the rate of fifty ($50) dollars per ton of two thousand pounds. But the quantity of such structural iron and steel included in any partial estimate shall not exceed the quantity of such material, as determined by the Engineer, required for the ensuing six months, and any material included in a partial estimate which may subsequently become unsatisfactory shall be deducted from succeeding partial estimates. No materials not incorporated in the work, excepting such structural iron and steel, shall be included in partial estimates.

Not by Strict Measurement.

Article XXXVI. Such estimates shall not be required to be made by strict measurement, but they may be made by measurement or by estimation, or partly by one method and partly by the other, and it shall be sufficient if they are approximate only.

Vouchers.

Article XXXVII. Upon each such estimate being made and certified in writing to the Commission, the Commission shall forthwith prepare and certify a voucher for eighty-five or ninety per cent. of the amount stated in such estimate or certificate to be the value of the work done and materials furnished as provided in Article XXXIII, and the City shall within thirty (30) days after the date of the certification of such voucher by the Commission pay the same; provided, however, that the City may at all times reserve and retain from said partial payments or any of them, in addition to the ten or fifteen per cent. above mentioned to be retained and reserved, any sum or all sums which by the terms hereof, or of any law of the State of New York passed prior to the date hereof, it is or may be authorized to reserve or retain.

Final Estimate.

Article XXXVIII. Whenever, in the opinion of the Engineer, the Contractor shall have completely performed this contract on his part, the Engineer shall so certify, in writing, to the Commission, and in his certificate shall state, from actual measurements, the whole amount of work done by the Contractor, and also the value of such work under and according to the terms of this contract. On the expiration of ninety (90) days after the acceptance by the Commission of the work herein agreed to be done by the Contractor, and the filing of a certificate of the completion and acceptance of the work in the office of the Comptroller, signed by the Engineer and the Commission, the City shall pay to the Contractor the amount remaining after deducting from the amount or value stated in the last-mentioned certificate, all such sums as shall theretofore have been paid to the Contractor under any of the provisions of this contract, and also any sum or all such sums of money as by the terms hereof the City is or may be authorized to reserve or retain; provided, that nothing herein contained shall be construed to affect the right, hereby reserved, of the Commission to reject the whole or any portion of the aforesaid work, should the said certificate be found, or known to be, inconsistent with the terms of this contract, or otherwise improperly given. All prior certificates upon which partial payments may have been made, being merely estimates, shall be subject to correction in the final certificate, which final certificate may be made without notice thereof to the Contractor, or of the measurements upon which it is based.

Interest in Case of Delayed Payments.

Article XXXIX. If the payment of the amount due the Contractor on any voucher shall be delayed beyond the time stipulated in Article XXXVII in the case of partial payment, or Article XXXVIII in the case of final payment, the City shall pay the Contractor interest on such amount at the rate of four and one-half (4½) per cent. per annum for the period of such delay; it being understood that such payments of interest, if any, are to be in lieu of any claim of the Contractor for alleged damages for breach of contract or otherwise in case of delayed payments. The term for which interest shall be paid shall be reckoned, in the case of a partial payment from the thirtieth day after the certification of such voucher by the Commission, and in the case of a final payment from the ninetieth day after the acceptance of the work by the Commission, to the date of payment of the voucher. The date of payment of a voucher shall be considered the day on which the voucher is ready for payment as evidenced by the records of the Department of Finance. If interest shall become due on any partial payment the amount thereof, as determined by the Commission, shall be added to a succeeding payment. If interest shall become due on a final payment it shall be paid on a supplementary voucher prepared by the Commission and forwarded to the Comptroller for payment in the usual manner.

No Estoppel.

Article XL. The City shall not, nor shall any Department or officer thereof, be precluded or estopped by any return or certificate made or given by the Commission, any Engineer, or other officer, agent or appointee thereof under any provision of this contract, from at any time either before or after the final completion and acceptance of the work and payment therefor pursuant to any such return or certificate, showing the true and correct amount, quality and character of the work done and materials furnished by the Contractor or any other person under this agreement, or from showing at any time that any such return or certificate is untrue and incorrect or improperly made in any particular, or that the work and materials, or any part thereof, do not in fact conform to the specifications; and the City shall not be precluded or estopped, notwithstanding any such return or certificate and payment in accordance therewith, from demanding and recovering from the Contractor such damages as it may sustain by reason of his failure to comply with this contract or the specifications.

No Waiver.

Article XLI. Neither the acceptance of the Commission or its Engineer, or any of its employees, nor any order, measurement or certificate by the Engineer, nor any order by the Commission for payment of money, nor any payment for, nor acceptance of the whole or any part of the work by the Engineer or the Commission, nor any extension of time, nor any possession taken by the Commission, or its employees, shall operate as a waiver of any portion of this contract or of any power herein reserved to the Commission, or any right to damages herein provided; nor shall any waiver of any breach of this contract be held to be a waiver of any other or subsequent breach.

Final Payment to Terminate Liability of City.

Article XLII. The acceptance by the Contractor of the last payment aforesaid shall be and shall operate as a release to the City, from all claim and liability to the Contractor for anything done or furnished for, or relating to, the work, or for any act or neglect of the Commission, the City or of any person relating to or affecting the work, except only the claim against the City for the remainder, if any there be, of the amounts kept or retained as provided in this contract.

Contractor's Claims for Damage—Statements of Damage to be Filed with Engineer.

Article XLIII. If the Contractor shall claim compensation for any damage sustained by reason of the acts of the Commission, or its agents, he shall, within ten days after the sustaining of such damage, make a written statement of the nature of the damage sustained to the Engineer. On or before the fifteenth day of the month succeeding that in which any such damage shall have been sustained, the Contractor shall file with the Engineer an itemized statement of the details and amount of such damage, and, unless such statement shall be made as thus required, his claim for compensation may be forfeited and invalidated, and he shall not be entitled to payment on account of any such damage.

Lien Law.

Article XLIV. If at any time before or within thirty (30) days after the whole work agreed herein to be performed and all the labor and material herein agreed to be delivered have been performed or delivered or completed and accepted by the City any person or persons claiming to have performed any labor or furnished any material toward the performance or completion of this contract shall file with the Commission and with the Comptroller of the City any such notice as is described in the Lien Law, the City shall retain until the discharge thereof from moneys under its control so much of such moneys as shall be sufficient to satisfy and discharge the amount in such notice claimed to be due, together with the costs of any action or actions brought to enforce such lien created by the filing of such notice.

VI

Contractor's Liability for Injuries to Persons or Property.

Contractor Approves Plans as Involving no Damage.

Article XLV. The Contractor expressly admits and covenants to and with the City that the plans and specifications and other provisions of this contract, if the work be done without fault or negligence on the part of the Contractor, do not involve any danger to the foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces; and the Contractor will at his own expense make good any damage that shall, in the course of construction, be done to any such foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces. The liability of the Contractor under this covenant is absolute and is not dependent upon any question of negligence on his part, or on the part of his agents, servants or employees, and the neglect of the Engineer to direct the Contractor to take any particular precautions or to refrain from doing any particular thing, shall not excuse the Contractor in case of any such damage.

Traffic to be Maintained.

Article XLVI. The Contractor shall during the performance of the work safely maintain the traffic on streets, avenues, highways, or other public places as provided in the specifications, and shall take all necessary precautions to place proper guards for the prevention of accidents, and put up and keep at night suitable and sufficient lights.

Indemnification for Accidents, Etc.

Article XLVII. The Contractor shall be solely responsible for all physical injuries to persons or property occurring on account of and during the performance of the work hereunder, and shall indemnify and save harmless the City from liability upon any and all claims for damages on account of such injuries to persons or property, and from all costs and expenses in suits which may be brought against the City for such injuries to person or property; it being distinctly understood, stipulated and agreed that the Contractor shall be solely responsible and liable for and shall fully protect and indemnify the City against all claims for damages to persons or property occasioned by or resulting from blasting or other methods or processes in the work of construction, whether such damages be attributable to negligence of the Contractor or his employees or otherwise.

Money Due the Contractor May be Retained to Meet Claims.

Article XLVIII. In case any claim shall be made by any person or corporation against the Contractor or the City for loss or damage to person or property as aforesaid, the amount of such claim or so much thereof as the Commission shall deem reasonable, shall, upon the requirement and in the discretion of the Commission, be retained by the Comptroller out of any moneys thereafter growing due to the Contractor hereunder (in addition to the other sums hereinbefore authorized to be so retained), as security for the payment of such claim or claims. If and when the liability of the City or the Contractor on such claim or claims shall have been established by a judgment of a Court of competent jurisdiction, or shall have been admitted by the Contractor to be valid, the said claim or claims shall be paid from the amount so retained and the balance, if any, paid to the Contractor. Should there be any unsatisfied claims for injuries to persons or property at the time when the final estimate for the work is made and returned, the Engineer shall have the right to retain out of said final estimate a sum in his judgment sufficient to protect the City in regard

to all unsatisfied claims as aforesaid and in case the amount thus retained should be insufficient to pay the amount adjudicated to be due upon such claim the City may sue for and recover from the Contractor the amount or balance as a debt from the Contractor to the City. The Engineer may further, if in his judgment such a course is necessary, at the time of making the final estimate, and as a condition to making the same require the Contractor to continue his bond or other security or any part thereof, for a time not exceeding the time when such claims would be barred under the existing Statute of Limitations, as security against any claims then unsatisfied or not presented.

Examinations of Abutting Property.

Article XLIX. In order to safeguard the owners or tenants of abutting property and at the same time prevent unjust or fraudulent claims against the Contractor or the City in respect thereto, the Engineer shall cause a detailed examination of all adjacent or abutting property to be made before construction is begun. The owner or tenant of each parcel or his or their duly authorized representative, shall be invited by a notice in writing delivered to a person apparently in charge of the premises, to be present, and the Contractor, or his duly authorized representative, shall attend and with the Engineer shall make such detailed examination. A complete record of the existing conditions of each parcel shall be made in triplicate, signed by the Engineer and the Contractor, and one copy shall be delivered to the owner, one to the Contractor and one shall be retained by the Commission. At such times as the Engineer may direct, and upon the completion of the work, or upon notice to the Engineer by the owner or tenant that physical injury has occurred, further examination shall be made and the findings recorded and filed as above.

Damage to Works During Construction.

Article L. All risk of loss or damage to the Works, or to any part thereof, or to any of the materials, tools, implements or other things used in doing the work, prior to final completion, is assumed and shall be borne by the Contractor, and any such loss or damage shall be made good by the Contractor at his own cost, and the construction shall be carried forward by him in accordance with this contract, without additional cost to the City by reason of such loss or damage.

VII.

City to Secure Contractor Against Interference by Injunctions.

City's Assurances to Contractor of Right to Construct.

Article LI. The City hereby stipulates and covenants to and with the Contractor that the City will secure and assure to the Contractor so long as the Contractor shall perform the stipulations of this contract, the right to construct the Railroad as prescribed in this contract free of all right, claim or other interference, whether by injunction, suit for damages or otherwise, on the part of any owners, abutting owner, or other person; but not including any interference, legal or otherwise, by patentees or persons claiming to be patentees of tools, methods or appliances.

Claims for Infringement of Patents.

Article LII. The Contractor shall hold himself responsible for any claims made against the City for any infringement of patents by the use of patented articles in the performance and completion of the work, or of any process connected with the work agreed to be performed under this contract, or of any materials used upon the said work; and shall save harmless and indemnify the City for all costs, expenses and damages which the City shall be obliged to pay by reason of any infringement of patents used in the performance and completion of the work.

VIII.

Time for Completion, Damages for Delay, Etc.

Commencement and Completion of Work.

Article LIV. Time is of the essence of this contract. The Contractor shall begin actual work within sixty (60) days after the delivery of this contract. The entire work covered by this contract shall be completed in all respects within thirty-six (36) months from the date of delivery of this contract.

Price to be Reduced for Delay.

Article LV. In the event of delay in completion of the Works beyond the period herein prescribed, or beyond the period to which such time may be extended by resolution of the Commission for good cause shown, the City shall—whether the working force be increased as provided in the specifications or not—be paid damages for such delay. Inasmuch as the amount of such damages will be extremely difficult to ascertain, especially in view of the fact that the Railroad herein contracted for is only a part of a complete system, the remainder of which is to be constructed under other contracts, it is hereby expressly agreed that damages shall be liquidated and paid by reducing the price to be paid the Contractor, as follows: From the amounts which shall become payable to the Contractor after the expiration of the periods above limited (but not including the retained percentages from amounts theretofore certified to be due) there shall be deducted and retained by the City the following percentages: From the amount due for the first month after the expiration of such periods one (1) per centum thereof; from the amount due for the second month after the expiration of such periods two (2) per centum thereof; from the amount due for the third month after the expiration of such periods three (3) per centum thereof; from the amount due for the fourth month after the expiration of such periods four (4) per centum thereof; similarly from any amounts which may subsequently become due there shall be deducted a percentage, the rate of which shall equal the number of months which may have elapsed between the expiration of the periods above limited and the time when such payments shall become due. These amounts shall be deducted and retained by the City and are hereby agreed upon and determined as the measure of liquidated damages (and not as a penalty) to the City. But in case the Contractor shall be delayed by reason of any labor strike not caused or instituted or provoked by the Contractor, or by any subcontractor, agent or representative of the Contractor (which fact the Contractor shall prove to the satisfaction of the Commission), or in case the Contractor shall be delayed by any injunction or by any interference of public authority, and in case the Contractor cannot, notwithstanding such injunction or interference, with reasonable diligence make up for the delay so occasioned by speedier work when the Contractor shall not be so interfered with, then the said date for completion shall be extended by resolution of the Commission to a date later than the expiration of the said period by the amount of the time of such delay.

Commission May Intervene in Case of Injunction.

Article LVI. But no injunction, strike or interference of public authority shall be ground for such extension except if and from the time when the Contractor shall give the Commission notice of the injunction or other cause of delay, with copies of the injunction or other orders and of the papers upon which the same shall have been granted. The Commission and the City or either shall be accorded the right to intervene or become a party to any suit or proceeding in which any such injunction shall be obtained, and to move to dissolve the same or otherwise, as the Commission or City may deem proper. If necessary the Corporation Counsel or the Counsel to the Commission or both shall be authorized by the Contractor to appear, for that purpose, as counsel or attorneys for him.

In Case of Variation of Quantities.

Article LVII. The time stipulated within which to complete the Works is based upon the quantities of the various items entering into the work as stated in the form of proposal, which are given solely for the purpose of classifying bids. In case these quantities are exceeded or diminished then an extension or diminution of the term of this contract shall be made. It is, however, understood and agreed that in case an increase in any one item is balanced or offset by diminution of other items, no change in the term shall be made, and in any event the Engineer shall determine the amount of extension or diminution of time in respect of the relative increase or reduction in the quantities involved in the final completion.

Suspension of Work and Additional Time for Performance.

Article LVIII. The Commission reserves the right of temporarily suspending the execution of the whole or any part of the work herein contracted to be done, if it shall deem it for the interest of the City so to do, without compensation to the Contractor for such suspension, other than extending the time for completing the work as much as it may have been delayed by such suspension.

Extensions Not Cumulative.

Article LX. It is expressly understood, however, that the periods of extension referred to herein shall not be cumulative, but only the single period of delay giving the greatest extension shall be taken into consideration.

Permission to Complete Contract Not a Waiver.

Article LXI. The permitting of the Contractor to go on and finish the work, or any part of it, after the time fixed for its completion, or after the date to which the time for completion may have been extended, or the making of partial payments to the Contractor after any such periods, shall in no wise operate as a waiver on the part of the City of any of its rights under this contract.

IX

Remedies in Case of Contractor's Default.

In Case of Default.

Article LXII. If the work to be done under this contract shall be abandoned by the Contractor, or if this contract shall be assigned, or the work sublet by him, otherwise than as herein specified, or if at any time the Engineer shall be of the opinion, and shall so certify in writing to the Commission that the performance of this contract is unnecessarily or unreasonably delayed, or that the Contractor is wilfully violating any of the provisions or covenants of this contract, or of the specifications, or is executing the same in bad faith or not in accordance with the terms thereof, or if the work be not fully completed within the time named in this contract for its completion, or within the time to which the completion of the contract may be extended by the Commission, the Commission may

May Take Charge of Work.

(1) Notify the Contractor, by a written notice, to discontinue all work, or any part thereof, under this contract, and thereupon the Contractor shall discontinue the work, or such part thereof, and the Commission shall thereupon have the right to contract for the completion of the Works in the manner prescribed by law, or to place such and so many persons as it may deem advisable, by contract or otherwise, to work, and complete the work herein described, or such part thereof, to take possession of and use any or all of the materials, plant, tools, equipment, supplies and property of every kind provided by the Contractor for the purpose of his work, and to procure other materials for the completion of the same, and to charge the expense of said labor and materials to the Contractor. The expense so charged shall be deducted and paid by the City out of such moneys as may be due or may at any time thereafter grow due to the Contractor under and by virtue of this contract, or any part thereof. And in case such expense shall exceed the amount which would have been payable under the contract if the same had been completed by the Contractor, he shall pay the amount of such excess to the City; and in case such expense shall be less than the amount which would have been payable under this contract if the same had been completed by the Contractor, he shall forfeit all claim to the difference; and when any particular part of the work is being carried on by the Commission, by contract or otherwise, under the provisions of this article of the contract, the Contractor shall continue the remainder of the work in conformity with the terms of this contract, and in such manner as in nowise to hinder or interfere with the persons or workmen employed, as above provided, by the Commission, by contract or otherwise, to do any part of the work or to complete the same under the provisions of this article of the contract. And

Or Proceed Upon Bond.

(2) The City may also proceed as to the Commission shall seem proper upon the bond or other security in its possession. And

Or May Bring Suit.

(3) The City may also bring any suit or proceeding for specific performance or for injunction or to recover damages or to obtain any relief or for any purpose proper under this contract.

X

Miscellaneous Provisions.

Changes in the Contract.

Article LXIII. No correction or change in this contract shall be made except by written instrument duly authorized by the Commission and consented to by the Contractor and by the sureties upon his bond; but this provision shall not limit or affect the right to prescribe variations whether of construction or location of route as in this contract elsewhere provided

Members of Commission Not Liable.

Article LXIV. No claim shall be made by the Contractor against any member of the Commission personally by reason of this contract or of any of its articles or provisions.

Contractor Not to Assign, Sublet, etc.

Article LXV. The Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this contract or his right, title or interest in or to the same or any part thereof without the previous consent in writing of the Commission, and he shall not assign by power of attorney or otherwise any of the moneys to become due and payable under this contract unless by and with the like consent. If the Contractor shall without such previous written consent assign, transfer, convey, sublet or otherwise dispose of this contract or of his right, title or interest therein or any of the moneys to become due under this contract, to any other person, company or corporation, this contract may at the option of the Commission be revoked and annulled and the City shall thereupon be relieved and discharged from any and all liability and obligations growing out of the same to the Contractor and to his assignee or transferee; and no right under this contract or to any money to become due hereunder shall be asserted against the City in law or in equity by reason of any so-called assignment of this contract or any part thereof or of any moneys to grow due hereunder unless authorized as aforesaid by the written consent of the Commission; provided that nothing herein contained shall be construed to hinder, prevent or affect an assignment by the Contractor for the benefit of his creditors made pursuant to the statutes of the State of New York.

Provisions in Case Commission Ceases.

Article LXVI. In case the Commission shall cease to exist the Legislature may provide what public officer or officers shall exercise the powers and duties of the Commission under and by virtue of this contract; and in default of such provision, such powers and duties shall be deemed to be vested in the Mayor of the City. In case any officer or officers other than the Commission shall hereafter have the powers of the Commission or any of them, then the provisions of this contract shall be applicable to such officer or officers to the extent to which the powers of the Commission shall appertain to such officer or officers, and any official act or determination of such officer or officers or of this Commission shall be sufficient hereunder, anything herein to the contrary notwithstanding, if the same be done or had by lawful vote or resolution or in such manner as the Legislature may from time to time prescribe.

Labor Law.

Article LXVII. The Contractor agrees to comply with the provisions of the Labor Law, including section 3 thereof as re-enacted by chapter 36 of the Laws of 1909. The Contractor further agrees and stipulates that no laborer, workman or mechanic in the employ of the Contractor, sub-contractor or other person doing or contracting to do the whole or a part of the work contemplated by this contract, shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; and further that the wages to be paid for a legal day's work as hereinbefore defined to all classes of such laborers, workmen or mechanics upon the work contemplated by this contract or upon any material to be used upon or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the Borough of the City, where the work hereby contemplated, about or in connection with which such labor is performed, is in its final or completed form to be situated, erected or used; and that each such laborer, workman or mechanic employed by the Contractor or by any sub-contractor or other person on, about or upon the work contemplated by this contract, shall receive such wages herein provided for. This contract shall be void and of no effect, unless the Contractor shall comply with the provisions of this section. In obedience to the requirements of section 14 of the Labor Law it is further provided that if the provisions of the said section 14 are not complied with, this contract shall be void.

All Necessary Legal Provisions Deemed Inserted Herein.

Article LXVIII. It is the intent and understanding of the parties to this agreement that each and every provision of law required to be inserted in this contract should be and is inserted herein. Furthermore, it is hereby stipulated that every such provision is to be deemed to be inserted herein; and if, through mistake or otherwise, any such provision is not inserted or is not inserted in correct form, then the contract shall forthwith, upon the application of either party, be amended by such insertion so as to comply strictly with the law, and without prejudice to the rights of either party hereunder.

Provision in Case of Unlawful Provision.

Article LXIX. If this contract contains any unlawful provision not an essential part of the general structure of the contract and which shall not appear to have been a controlling or very material inducement to the making thereof the same shall be deemed of no effect, and shall upon the application of either party, be struck from the contract without affecting the binding force of the contract as it shall remain after omitting such provision.

Testimonium.

In Witness Whereof, this contract has been executed for The City of New

YORK by the PUBLIC SERVICE COMMISSION for the First District under and by reso-tion duly adopted by the Commission and the seal of the Commission has been hereto affixed and attested by its Secretary and these presents have been signed by its Chairman; and the CONTRACTOR has *[hereunto set hand and seal] [caused corporate seal to be hereto affixed and these presents to be executed by proper officers] the day and year first above written.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By , Chairman.
Attest: , Secretary.
[SEAL]

Acknowledgment for Commission.

State of New York, County of New York, ss.:

On the day of , 1913, before me personally appeared Edward E. McCall and Travis H. Whitney, to me known and known to me to be the said Edward E. McCall, the chairman, and the said Travis H. Whitney, the secretary of the Public Service Commission for the First District; and the said Edward E. McCall and Travis H. Whitney being by me duly sworn, did depose and say, each for himself and not the one for the other, the said Edward E. McCall, that he resides in the Borough of Manhattan, in the City, County and State of New York, that he is the chairman of the said Commission and that he subscribed his name to the foregoing contract by virtue of the authority thereof; and the said Travis H. Whitney, that he resides in the Borough of Brooklyn, in the County of Kings, City and State of New York, that he is the secretary of the said Commission and that he subscribed his name thereto by like authority; and both the said Edward E. McCall and Travis H. Whitney that they know the seal of the said Commission and that the same was affixed to the foregoing instrument by the authority of the said Commission and of a resolution duly adopted by the same.

Acknowledgments for Contractor.

State of New York, County of New York, ss.:

On this day of , 1913, before me personally came to me known and known to me to be the individual described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

State of New York, County of New York, ss.:

On this day of , 1913, before me personally appeared to me known, who, being by me first duly sworn, did depose and say: That he resided in , in the State of ; that he is of , the corporation described in and which executed the foregoing instrument; that he knew the corporate seal of said company; that one of the seals affixed to said contract was such corporate seal, and that it was affixed thereto by order of the Board of Directors of said company, and that he signed his name thereto by like authority.

FORM OF CONTRACTOR'S BOND, CONSTRUCTION OF A PART OF PROPOSED RAPID TRANSIT RAILROAD, ROUTE No. 5, SECTION No. 4.

Form of Contractor's Bond.

Route No. 5, Section No. 4.

Know all Men by these Presents, That
of
hereinafter called the Contractor, and
and
hereinafter called the Sureties are held and firmly bound unto The City of New York, hereinafter called the City in the sum of Seventy-five thousand ($75,000) dollars lawful money of the United States of America, to be paid to the City, for which payment well and truly to be made the Contractor and the Sureties do hereby bind themselves and their, and each of their, executors, administrators, successors and assigns firmly by these presents, as follows: The Contractor to be so held and bound for the full amount of the said sum of Seventy-five thousand dollars ($75,000) and each of the said Sureties to be so held and bound only for a portion of said sum as follows:
The said
for the sum of
dollars ($); the said
for the sum of
dollars ($); the said
for the sum of
dollars ($); the said
for the sum of
dollars ($).

In witness whereof, the Contractor and the Sureties have hereunto set their hands and seals and such of them as are corporations have caused their respective seals to be hereto affixed and these presents to be attested by the proper officers, this day of , 1913.

Whereas, The City by the Public Service Commission for the First District (hereinafter called the Commission) is about to enter into a contract with the Contractor bearing even date herewith for the construction of that portion of a Rapid Transit Railroad known as Section 4 of Route 5, extending under Broadway from Bleecker Street to Union Square, in the Borough of Manhattan in the City of New York, more particularly described in the said contract; and

Whereas, The City is about to enter into such contract with the Contractor upon the condition, and not otherwise, that this bond shall be given to the City, and upon the faith thereof.

Now, therefore, the condition of the foregoing obligation is such that if the Contractor shall fully perform the said contract, then this obligation shall be null and void, but else it shall remain in full force and virtue.

It is expressly agreed between the City and the Sureties (and it is upon such agreement that the City accepts this Bond) that the Sureties will and do waive any and every notice of default on the part of the Contractor; that they will and do permit the City to extend the time of the Contractor to make any payment or do any act; that no omission on the part of the City to give any notice of extension of time granted by or on behalf of the City shall be availed of by the Sureties or any of them as a defense upon this Bond; that the Sureties shall not set up or have any defense upon this Bond by reason of any alteration of the said contract unless such alteration shall be represented by a formal written instrument duly executed between the City and the Contractor which shall have been duly authorized by a vote of the Commission; and that in case of such alteration, however made, the same shall be a defense to the Sureties only to the extent of the actual injury or damage caused to the Sureties by said alteration.†

FORM OF CONTRACTOR'S PROPOSAL FOR CONSTRUCTION OF A PART OF THE BROADWAY-FOURTH AVENUE RAPID TRANSIT RAILROAD, ROUTE No. 5, SECTION No. 4.

Contractor's Proposal for the Construction of a Portion of the Broadway-Fourth Avenue Rapid Transit Railroad.

Route No. 5, Section No. 4.

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors
Copy of Form of Contract
Copy of Form of Bond

To the Public Service Commission for the First District:

1. The undersigned‡ do hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section No. 4 of Route No. 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This column not to be used by Bidder. Amount.
1	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yd.	.....	259,000	.....
2a	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yd.	.....	25,000	.....
3	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yd.	.....	7,200	.....
3a	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yd.	.....	100	.....
4	For underpinning buildings, including all incidental work, labor and material, per lineal front ft. of building underpinned as follows:			
	(a) for buildings less than seven stories in height, per front ft.	.....	1,980	.....
	(b) For buildings from seven to twelve stories in height, per front ft.	.....	1,250	.....
	(c) For buildings over twelve stories in height, per front ft.	.....	250	.....
4e	For maintaining, protecting and securing buildings, including all incidental work, labor and material, per lineal front ft. of building maintained, protected and secured	.....	875	.....
6	For concrete masonry in place, per cubic yd.	.....	35,000	.....
7	For protective concrete masonry, in place outside of waterproofing, per cubic yd.	.....	3,800	.....
8	For rubble stone masonry in place, per cubic yd.	.....	2,450	.....
8a	For dry rubble masonry, in place, per cubic yd.	.....	50	.....
9	For brick masonry, in place, per cubic yd.	.....	50	.....
10	For hollow terra cotta brick masonry of any thickness, in place, per cubic yd.	.....	50	.....
11	For grout of Portland cement, per barrel of Portland cement used	.....	1,000	.....
12	For timber piles, in place, and prepared, per lineal ft.	.....	1,000	.....
13	For timber foundations, placed and fastened, per thousand ft. B. M.	.....	2 M	.....
14	For broken stone or gravel, in place, other than that used in concrete, per cubic yd.	.....	50	.....
15	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) for 1-ply, per square yd.	.....	8,100	.....
	(b) For 2-ply, per square yd.	.....	100	.....
	(c) For 3-ply, per square yd.	.....	28,700	.....
	(d) For 4-ply, per square yd.	.....	100	.....
	(e) For 5-ply, per square yd.	.....	100	.....
	(f) For 6-ply, per square yd.	.....	100	.....
	(i) For dry-ply, per square yd.	.....	100	.....
16	For waterproofing, brick laid in asphalt mastic, in place, per cubic yd.	.....	1,150	.....
17	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal ft.	.....	100	.....
	(b) For 10-inch vitrified pipe, per lineal ft.	.....	100	.....
	(c) For 8-inch vitrified pipe, per lineal ft.	.....	1,750	.....
	(d) For 6-inch vitrified pipe, per lineal ft.	.....	100	.....
	(e) For 4-inch vitrified pipe, per lineal ft.	.....	100	.....
	(g) For 6-inch cast-iron pipe, per lineal ft.	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal ft.	.....	1,250	.....
17a	For cast-iron pipe and fittings, including specials, "extra heavy," in place, as follows:			
	(a) For 3-inch, per lineal ft.	.....	50	.....
	(b) For 4-inch, per lineal ft.	.....	50	.....
	(c) For 6-inch, per lineal ft.	.....	270	.....
	(d) For 8-inch, per lineal ft.	.....	50	.....
18	For tunnel ducts, in place, as required by Section No. 407 of the specifications, per duct ft.	.....	318,000	.....
19	For riveted steel, painted and erected, per ton of two thousand pounds	.....	1,630	.....
20	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	2,525	.....
21	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	146	.....
25	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds	.....	10	.....
26	For special wire forms, in place, per pound	.....	1,000	.....
27	For one and one-half inch (1½-in.) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal ft.	.....	6,300	.....
28	For steel gratings for ventilation, in place, including frames, etc., per square ft.	.....	9,600	.....
29	For vault lights, in place, per square ft.	.....	3,550	.....
30	For street surface restored:			
	(a) Within curb lines, including curbs and all structures and growths therein or thereon, per square yd.	.....	10,400	.....
	(e) For repavement of roadways between curb lines with Asphalt pavement, per square yd.	.....	22,600	.....

*If the contractor is an individual, use the words enclosed in the first bracket; if a corporation, use the words enclosed in the second bracket.

†The execution of the bond must be duly proved before delivery in the form essential to proof to entitle a deed to record in the State of New York. Full affidavits of justification of sureties must be added.

‡The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If it be a foreign corporation, proof must also be submitted of its authority to transact business in the State of New York. In case the bidder has already filed such papers with the Commission in connection with another bid he may so state and omit such papers in this instance. If the bid is submitted by a firm, the above blank must be filled in in the following form, "the firm of A. B. & Co., composed of A., B., C., D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This column not to be used by Bidder. Amount.
	(f) For repavement of roadways between curb lines with Belgian block pavement, per square yd.	.....	120	.....
	(g) For repavement of roadways between curb lines with Asphalt Block pavement, per square yd.	.....	20	.....
	(i) For new blue stone curb, in place, including all incidental work, labor and material, per lineal ft.	.....	200	.....
31	For park surface restored (all classes), per square yd.	.....	400	.....
32	For wrought-iron electric conduits, in place in stations, as follows:			
	(a) For three-fourths inch (¾-in.) wrought-iron, per lineal ft.	.....	9,000	.....
	(b) For one and one-half inch (1½-in.) wrought-iron, per lineal ft.	.....	100	.....
	(c) For two inch (2-in.) wrought-iron, per lineal ft.	.....	100	.....
	(d) For one inch (1-in.) wrought-iron, per lineal ft.	.....	100	.....
33	For cast-iron outlet boxes in place, in stations, each	.....	550	.....
33a	For cast-iron pull boxes in place, in stations, each	.....	10	.....
34	For cast-iron pipe and fittings, including specials ("extra heavy"), in place, in stations, as follows:			
	(a) For six-inch (6-in.), per lineal ft.	.....	480	.....
	(b) For three-inch (3-in.), per lineal ft.	.....	400	.....
	SEWERS.			
	Vitrified and Cast-Iron Pipe.			
37	For 12-inch vitrified pipe sewer, per lineal ft.	.....	1,800	.....
38	For 15-inch vitrified pipe sewer, per lineal ft.	.....	1,500	.....
39	For 18-inch vitrified pipe sewer, per lineal ft.	.....	500	.....
40	For 20-inch vitrified pipe sewer, per lineal ft.	.....	100	.....
40a	For 22-inch vitrified pipe sewer, per lineal ft.	.....	100	.....
41	For 24-inch vitrified pipe sewer, per lineal ft.	.....	100	.....
42	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	100	.....
43	For cast-iron sewer pipe (special casting) in place in the work, per ton of two thousand pounds	.....	30	.....
	Egg-Shaped Brick or Concrete Sewers.			
45	For 3 ft. 6 in. x 2 ft. 4 in., per lineal ft.	.....	1,300	.....
49	For 4 ft. 6 in. x 3 ft. 0 in., per lineal ft.	.....	600	.....
50	For 4 ft. 9 in. x 3 ft. 2 in., per lineal ft.	.....	400	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete.			
52	For 3 ft. 9 in., per lineal ft.	.....	30	.....
54a	For 4 ft. 6 in., per lineal ft.	.....	2,240	.....
	Surface and Subsurface Structures.			
75	For street surface railroads, including the support, reconstructing, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults; if required and constructed in excess of the number existing), as follows:			
	(a) For electric (underground trolley) railroads, per lineal ft. of single track	.....	7,910	.....
	(b) For horse, storage battery or other independent motor operated railroads, per lineal ft. of single track	.....	225	.....
	PIPES IN STREETS.			
	For Work and Material as Called for by the Specifications.			
	Water and Gas Pipes.			
	Water Pipes.			
	For water pipes in place, as follows:			
79	For 6-inch water pipe, per lineal ft.	.....	260	.....
82	For 12 inch water pipe, per lineal ft.	.....	520	.....
84	For 20-inch water pipe, per lineal ft.	.....	80	.....
87	For 36-inch water pipe, per lineal ft.	.....	2,810	.....
	Gas Pipes.			
	For cast-iron gas pipes in place, as follows:			
90	For 4-inch gas pipe, per lineal ft.	.....	270	.....
91	For 6-inch gas pipe, per lineal ft.	.....	420	.....
92	For 8-inch gas pipe, per lineal ft.	.....	275	.....
94	For 12-inch gas pipe, per lineal ft.	.....	100	.....
95	For 16-inch gas pipe, per lineal ft.	.....	100	.....
95a	For 18-inch gas pipe, per lineal ft.	.....	100	.....
96	For 20-inch gas pipe, per lineal ft.	.....	100	.....
97	For 24-inch gas pipe, per lineal ft.	.....	100	.....
98	For 30-inch gas pipe, per lineal ft.	.....	100	.....
99a	For wrought iron by-passing pipes upon or below the street surface, in place, as follows:			
	(a) For 6-inch by-passing pipe, per lineal ft.	.....	160	.....
	(b) For 8-inch by-passing pipe, per lineal ft.	.....	9,900	.....
	(d) For 12-inch by-passing pipe, per lineal ft.	.....	510	.....
	(e) For 16-inch by-passing pipe, per lineal ft.	.....	910	.....
	(f) For 20-inch by-passing pipe, per lineal ft.	.....	710	.....
99c	For wrought iron gas pipes, in place, as follows:			
	(b) For 6-inch gas pipe, per lineal ft.	.....	75	.....
	(d) For 10-inch gas pipe, per lineal ft.	.....	75	.....
	New Water and Gas Pipe.			
100	For new cast-iron hub and spigot straight pipe actually used as measured in place in the work, per ton of two thousand pounds	.....	60	.....
100a	For new standard weight gas pipes, true wrought iron, threads and couplings, included, actually used as measured in place in the work, as follows:			
	(b) For 6-inch gas pipe, per lineal ft.	.....	75	.....
	(d) For 10-inch gas pipe, per lineal ft.	.....	75	.....
101	For new cast-iron hub and spigot pipe, special castings, actually used as measured in place in the work, per ton of two thousand pounds	.....	12	.....
101a	For new malleable iron fittings for new wrought iron gas pipe, actually used as measured in place in the work, per lb.	.....	500	.....
	High Pressure Fire System Pipes, Standard Spigots and Grooves.			
	For high pressure fire system pipes in place, as follows:			
102	For 8-inch high pressure fire system water pipe, per lineal ft.	.....	30	.....
103	For 12-inch high pressure water pipe, per lineal ft.	.....	360	.....
104	For 16-inch high pressure fire system, water pipe, per lineal ft.	.....	60	.....
	New Cast-iron Spigot and Groove Pipe for High Pressure Fire System.			
107	For new cast-iron spigot and groove straight pipe actually used as measured in place in the work, per ton of two thousand pounds	.....	10	.....
108	For new cast-iron spigot and groove pipe, special castings, actually used as measured in place in the work, per ton of two thousand pounds	.....	5	.....
	Air Pipes.			
	For air pipe in place as follows:			
121	For 6-inch air pipe, per lineal ft.	.....	100	.....
122	For 8-inch air pipe, per lineal ft.	.....	100	.....
	New Air Pipe Delivered on the Work.			
123	For new 6-inch air pipe, per lineal ft.	.....	50	.....
124	For new 8-inch air pipe, per lineal ft.	.....	50	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	[Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75 (a).]			
127	For electric ducts and conduits in place, as provided in Section No. 62 of the specifications, per duct ft.	.....	23,900	.....
127a	For wrought-iron pipe used as electric ducts and conduits in place, as provided in Section No. 62 of the specifications:			
	(a) For 2½-inch wrought iron pipe, per lineal ft.	.....	160	.....
	(b) For 3-inch wrought-iron pipe, per lineal ft.	.....	270	.....
	(c) For 3½-inch wrought-iron pipe, per lineal ft.	.....	100	.....
	(d) For 4-inch wrought-iron pipe, per lineal ft.	.....	100	.....

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York, pursuant to the terms of the said contract, *a bond, in the sum of seventy-five thousand dollars in the form hereto annexed with the following named Sureties, viz.:**

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. , on the floor of the building, No. , in the Borough of , in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that the Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered or make the said deposit in cash or securities; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or, if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered or make the said deposit in cash or securities, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except†

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of Department, Chief of bureau, deputy thereof, or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated , 1913.

Affidavit of Verification.

State of New York, City and County of New York, ss.:

being duly sworn, says: I am‡ proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this day of , 1913.

Schedule of Securities.

(Note—If the bidder desires not to give a bond, but to deposit securities in lieu thereof, a description of the securities to be deposited for that purposes must be inserted below.

All securities when delivered must be payable to, or run in favor of, or be transferred to, the Comptroller of The City of New York.)

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 16 the Public Service Commission for the First District transmitted for consent and approval a proposed contract between The City of New York and the Dock Contractor Company, the lowest bidder, for the construction of section 4 of the Broadway-Lexington Avenue Railroad (route No. 5), at an estimate of cost of $2,578,078.

A communication transmitted with the proposed contract, requested the Board of Estimate and Apportionment to prescribe a limit to the amount of bonds available to meet the requirements of the contract and also to direct the Comptroller to issue bonds to the amount of $2,578,078.

Section 4, route 5, begins at a point under Broadway about midway between Houston and Bleecker streets and extends northerly under Broadway and Union

*The bidder may, under the Rapid Transit Act, deposit cash or approved securities, in lieu of a bond; and the bidder, if desirous of so doing, may so state here, and strike out the words in italics.

† Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

‡ If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, " a member of the firm of "; if a corporation, say "the (President or other officer duly authorized) of the Company."

Square to a point about 390 feet north of the southerly line of 14th street. It will be a four-track railroad, about 3,900 feet long, with stations at 8th street and at Union Square.

I recommend approval of the contract award by the adoption of the attached resolution.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to section 37 of the Rapid Transit Act, being chapter 4 of the Laws of 1891, as amended, and the provision of section 45 of the Greater New York Charter, and the requisition of the Public Service Commission for the First District, duly made by said Commission July 16, 1913, the Board of Estimate and Apportionment hereby consents to the proposed contract to be entered into between the Dock Contractor Company and The City of New York, acting by the Public Service Commission for the First District, for the following purposes:

For the construction of Section No. 4, Route 5, known as the Broadway-Lexington Avenue Route, beginning at a point in the Borough of Manhattan, under Broadway about midway between Houston and Bleecker streets, and extending northerly under Broadway and Union square to a point about three hundred and ninety (390) feet north of the southerly line of Fourteenth street, at a cost not to exceed two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078);

--and be it further

Resolved, That the Board of Estimate and Apportionment prescribes that the limit to the amount of proceeds of corporate stock available for the said purposes shall be two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578.078).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 16, 1913, the Public Service Commission for the First District made a sub-requisition, duly signed and attested, for the sum of $2,578,078 for the City's share under contract No. 4 of the construction of section No. 4 of route No. 5 being that portion of the proposed Lexington Avenue Rapid Transit Railroad, which begins under Broadway, in the Borough of Manhattan, at a point about midway between Houston and Bleecker streets, and extends thence northerly under Broadway and Union Square to a point about three hundred and ninety feet (390) north of the intersection of the southerly building line of 14th street, with the centre line of the Subway. In connection therewith we report as follows:

The Commission, on behalf of The City of New York, proposes to enter into a contract for the construction of section No. 4 of route No. 5, as stated, with the Dock Contractor Company. The Comptroller has submitted a report approving the form of the proposed contract. The sub-requisition is against an authorization of $60,000,000 already made by the Board of Estimate and Apportionment on March 18, 1913, on account of the railroads to be constructed under the contract known as contract No. 4, between The City of New York and the New York Municipal Railroad Corporation for additional rapid transit roads. The authorization of $60,000,000 was made with the understanding that sub-requisitions would be made at various times to cover the City's share of any contracts or obligations necessary to execute the main contract. The $2,578,078 is not in addition to the $60,000,000 already authorized, but is part of it.

We recommend the adoption of the attached resolution authorizing the Comptroller to issue $2,578,078 as requested in the requisition of the Public Service Commission.

Respectfully, WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following resolution was offered:

(*Sub-authorization M—4, Under Contract No. 4.*)

Whereas, The Board of Estimate and Apportionment of The City of New York on March 18, 1913, by resolution adopted on that date, pursuant to the provisions of section 37 of chapter 4 of the Laws of 1891, as amended, known as the Rapid Transit Act, and section 45 of the Greater New York Charter, and a requisition of the Public Service Commission for the First District duly made under the seal of the said Commission by the Chairman and Secretary thereof on March 18, 1913, authorized and directed the Comptroller to issue corporate stock of The City of New York to the amount of sixty million dollars ($60,000,000), at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds thereof to be applied to the purposes specified in said requisition as explained by a communication of said Commission transmitting the same in respect of the contract known as Contract No. 4, between The City of New York, acting by the Public Service Commission for the First District, and the New York Municipal Railway Corporation; and

Whereas, The Public Service Commission for the First District has duly made a sub-requisition under the seal of the said Commission by the Chairman and Secretary thereof, under date of July 16, 1913, on account of said requisition of the said Commission of March 18, 1913, for sixty million dollars ($60,000,000), and the appropriation made thereunder by this Board by said resolution of March 18, 1913, for the authorization of corporate stock of The City of New York from said sixty million dollars ($60,000,000) authorized as aforesaid, to the amount of two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078) for the purpose of providing the necessary means to meet the City's share, under Contract No. 4 of the construction of Section No. 4 of Route No. 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad which begins under Broadway in the Borough of Manhattan at a point about midway between Houston and Bleecker streets, and extends thence northerly under Broadway and Union square to a point about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th street with the centre line of the subway, by contract with the Dock Contractor Company.

Resolved, That, pursuant to the provisions of section 37 of chapter 4 of the Laws of 1891, as amended, known as the Rapid Transit Act, and section 45 of the Greater New York Charter and the said sub-requisition of the Public Service Commission for the First District, dated July 16, 1913, the Comptroller be and hereby is authorized and directed to issue corporate stock of The City of New York, to the amount of two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078), on account of and not in addition to the appropriation made by this Board by resolution of March 18, 1913, in the sum of sixty million dollars ($60,000,000), pursuant to said requisition of the Public Service Commission for the First District, under date of March 18, 1913; said corporate stock in the amount of two million five hundred and seventy-eight thousand and seventy-eight dollars ($2,578,078), to be issued at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds thereof to be applied to the purposes specified in said sub-requisition of July 16, 1913, and as amplified herein.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Water Supply, Gas and Electricity—Modification of Schedules and Transfer of Appropriations (Cal. No. 124).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, New York, July 23, 1913.

Mr. Jos. HAAG, *Secretary, Board of Estimate and Apportionment*, 277 Broadway, New York City:

Dear Sir—I respectfully request that the Board of Estimate and Apportionment approve the enclosed modification of schedules supporting accounts Nos. 669, 675 and 681, in order that an Assistant Engineer now receiving $1,800 per annum may be promoted to $2,100 per annum; that a Rodman, now receiving $1,050 per annum, may be promoted to $1,200 per annum; and to provide for the salary of an Assistant Engineer at $1,650 per annum, an additional Typewriting Copyist, at $750 per annum, and an additional Clerk at $300 per annum.

Transfers between accounts is necessary to make these modifications effective, and I respectfully request that the Board of Estimate and Apportionment make the transfers indicated below:

FROM

Maintenance, Improvement and Extension of Water Supply System in the Borough of Brooklyn During the Year 1913, Personal Service.

360S Salaries, Regular Employees, Water Supply, Pumping Water Revenue Force $900 00

TO

Maintenance, Improvement and Extension of Water Supply System in the Borough of Brooklyn During the Year 1913, Personal Service.

357S Salaries, Regular Employees, Water Supply, Collection and Storage $225 00

Corporate Stock and Water Revenue Force.

362S Water Supply, Distribution, Water Revenue Force..... 675 00

$900 00

Yours very truly, J. W. F. BENNETT, Deputy and Acting Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 31, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 25, 1913, the Deputy and Acting Commissioner of Water Supply, Gas and Electricity requested modification of three salary schedules in his department for 1913, involving a transfer of $900. In connection therewith I report as follows:

In Personal Service, Salaries, Regular Employees, Water Supply, Pumping, No. 675, the line, "Engineman, 26 at $1,750," is changed to read:

Engineman, 25 at $1,750.

*Assistant Engineer, 1 at $1,650 (A. S. I., $483.33).

One position of Engineman at $1,750, now vacant, is reduced to Assistant Engineer, at $1,650, and transferred to account No. 681. The remaining $100 is transferred to account No. 669, and used to increase William J. McEvoy, Rodman, from $1,050 to $1,200.

The line, "Cleaner, 1 at $360," is changed to read: *Clerk, 1 at $300 (A. S. I., $60). It is proposed to reduce a position of Cleaner at $360, now vacant, to Clerk, at $300. Of the $60 remaining, $50 is to be transferred to account No. 669, and used to increase William J. McEvoy, Rodman, from $1,050 to $1,200.

In Personal Service, Salaries, Regular Employees, Water Supply, Distribution, No. 681, the line, "Rodman, 1 at $1,050," is changed to read: *Typewriting Copyist, 1 at $750 (A. S. I., $50).

One position of Rodman at $1,050, now vacant, is reduced to Typewriting Copyist, at $750. The remaining $300 is transferred to account No. 669, and used to increase John T. Metcalf, Assistant Engineer, from $1,800 to $2,100.

In Personal Service, Salaries, Regular Employees, Water Supply, Collection and Storage, No. 669, the line, "Assistant Engineer, 1 at $1,800," is changed to read: *Assistant Engineer, 1 at $2,100 (A. S. I., $900). It is proposed to increase the salary of John T. Metcalf, Assistant Engineer, from $1,800 to $2,100. The $300 necessary for this increase is obtained by transfer from account No. 681, as previously noted.

The line "Rodman, 4 at $1,050," is changed to read "Rodman, 3 at $1,050; *Rodman, 1 at $1,200 (A. S. I., $500)."

It is proposed to increase the salary of William J. McEvoy, Rodman, from $1,050 to $1,200. The $150 necessary for this increase is obtained by transfer from account No. 675, as above stated.

The following schedule, effective as of July 1, 1913, shows the line item changes in detail:

Account No.	Line Item.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
669	Assistant Engineer, at $1,800..	$1,800 00	.....	$900 00	.....
	*Assistant Engineer, 1 at $2,100 (A. S. I. $900)	.....	$2,100 00	.....	$1,050 00
	Rodman, 1 at $1,050.....	1,050 00	.....	525 00	.....
	*Rodman, 1 at $1,200 (A. S. I. $500)	.....	1,200 00	.....	600 00
		$2,850 00	$3,300 00	$1,425 00	$1,650 00
	Deduct decrease	.....	2,850 00	.....	1,425 00
	Transferred from Account No. 675.....	.....	$450 00	.....	$225 00
675	Engineman, 26 at $1,750.....	$1,750 00	.....	$875 00	.....
	Cleaner, 1 at $360.....	360 00	.....	180 00	.....
	*Clerk, 1 at $300 (A. S. I. $60).	.....	$300 00	.....	$150 00
	*Balance unassigned	.....	10 00	.....	5 00
		$2,110 00	$310 00	$1 055 00	$155 00
	Deduct increase	310 00	.....	155 00	.....
	Transferred to Accounts 675 and 681.....	$1,800 00	.....	$900 00	.....
681	*Assistant Engineer, 1 at $1,650 (A. S. I. $483.33)	.....	$1,650 00	.....	$825 00
	Rodman, 1 at $1,050.....	$1,050 00	.....	$525 00	.....
	*Typewriting Copyist, 1 at $750 (A. S. I. $50)	.....	750 00	.....	375 00
		$1,050 00	$2,400 00	$525 00	$1,200 00
	Deduct decrease	.....	1,050 00	.....	525 00
	Transferred from Account No. 675.....	.....	$1 350 00	.....	$675 00

I recommend the adoption of the attached resolution approving the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Water Supply, Gas and Electricity for the year 1913, as follows:

FROM

Personal Service, Salaries Regular Employees, Water Supply, Pumping.

675W Water Revenue Force $900 00

TO

Personal Service, Salaries Regular Employees, Water Supply, Collection and Storage.

669CW Corporate Stock and Water Revenue Force..... $225 00

Personal Service, Salaries Regular Employees, Water Supply, Distribution.

681W Water Revenue Force 675 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Water Supply, Gas and Electricity, for the year 1913, to be effective as of July 1, 1913, as follows:

Personal Service, Salaries Regular Employees, Water Supply, Collection and Storage.

669CW Corporate Stock and Water Revenue Force—

Assistant Engineer $3,500 00

Assistant Engineer	2,100 00
*Assistant Engineer (A. S. I. $900)	2,100 00
Draftsman	1,800 00
Transitman	1,500 00
Rodman, 3 at $1,050	3,150 00
*Rodman, 1 at $1,200 (A. S. I. $500)	1,200 00
*Axeman, 2 at $900 (A. S. I. $300 each)	1,800 00
Axeman	840 00
*Superintendent of Ponds and Reservoirs (A. S. I. $833.33)	2,500 00
Foreman Painter	1,800 00
Foreman	1,500 00
Clerk	1,050 00
Clerk	900 00
Stenographer and Typewriter	1,050 00
Inspector, 3 at $1,800	5,400 00
Schedule total	$32,190 00
Corporate Stock Allowance	$7,515 00
Water Revenue Allowance	14,675 00
Total allowance	$32,190 00

Salaries, Regular Employees, Water Supply, Pumping.

675W Water Revenue Force—	
Clerk	$1,500 00
Clerk, 3 at $900	2,700 00
Clerk	600 00
Stenographer and Typewriter	1,050 00
Inspector, 2 at $1,200	2,400 00
Telephone Operator, 4 at $900	3,600 00
Supervising Engineer	2,500 00
Engineman, 6 at $1,800	10,800 00
Engineman, 25 at $1,750	43,750 00
Automobile Engineman	1,200 00
Carpenter	1,500 00
*Clerk, 1 at $300 (A. S. I. $60)	300 00
*Balance unassigned (A. S. I. $10)	10 00
Schedule total	$71,910 00
Water Revenue Allowance	$71,910 00

Personal Service, Salaries Regular Employees, Water Supply, Distribution.

681W Water Revenue Force—	
Assistant Engineer	$2,100 00
Assistant Engineer, 1 at $1,650 (A. S. I. $483.33)	1,650 00
Tapper, 6 at $1,200	7,200 00
Rodman, 2 at $1,200	2,400 00
Draftsman, 2 at $900	1,800 00
Stenographer and Typewriter	1,050 00
*Typewriting Copyist, 1 at $750 (A. S. I. $50)	750 00
Messenger	1,200 00
Inspector	1,100 00
Keeper	1,200 00
Cleaners, 5 at $360	1,800 00
Laundress	360 00
*Automobile Engineman, 2 at $1,200 (A. S. I. $400 each)	2,400 00
Automobile Engineman	1,200 00
Schedule total	$26,210 00
Water Revenue Allowance	$26,210 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Water Supply, Gas and Electricity—Modification of Schedules and Transfer of Appropriations (Cal. No. 125).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, July 23, 1913.

The Honorable the Board of Estimate and Apportionment, No. 277 Broadway, New York City:

Gentlemen—In order to meet the requirements of this department, I would respectfully request modification of the budget lines of the following appropriation accounts, authorized for the use of this department for the year 1913, viz.:

842—1913 Transportation, Hire of Horses and Vehicles Without Drivers, Illumination, Power and Heat Control, Inspection—

The lines which read:

Inspection—Hire of horse and vehicle, at $3 per day, 1,680 days	$5,040 00
Hire of horse and vehicle, at $70 per month, 12 months	840 00
Hire of horse and vehicle, at $60 per month, 60 months	3,600 00
Hire of horse and vehicle, at $4 per day, 200 days	800 00
Total	$10,280 00

To read:

Inspection—Hire of horse and vehicle, at $3 per day, 960 days	$2,880 00
Hire of horse and vehicle, at $70 per month, 22 months	1,540 00
Hire of horse and vehicle, at $60 per month, 84 months	5,040 00
Hire of horse and vehicle, at $4 per day, 144 days	576 00
Total	$10,036 00

855—1913 Hire of Automobiles, Illumination, Power and Heat Control, Inspection—

The lines which read:

Inspection—Hire of automobiles, at $83.33 per month, 21 months	$1,750 00
Hire of automobile, not exceeding $3 per hour, 770 hours	2,310 00
Total	$4,060 00

To read:

Inspection—Hire of automobile, at $83.33 per month, 21 months	$1,750 00
Hire of automobile, not exceeding $3 per hour, 513 hours	1,539 00
Hire of automobile, at $80 per month, 5 months	400 00
Hire of automobile, at $75 per month, 5 months	375 00
Hire of automobile, at $3 per day, 80 days	240 00
Total	$4,304 00

If the requested modifications receive the approval of your Honorable Board, it will necessitate the transfer to and from of the above noted Appropriation Accounts as of 1913, as follows:

FROM

842—1913 Transportation, Hire of Horses and Vehicles Without Drivers, Illumination, Power and Heat Control, Inspection $244 00

TO

855—1913 Hire of Automobiles, Illumination, Power and Heat Control, Inspection $244 00

Very truly yours, J. W. F. BENNETT, Deputy and Acting Commissioner.

Department of Finance, The City of New York, Bureau of Municipal Investigation and Statistics, July 30, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 23, 1913, the Deputy and Acting Commissioner of Water Supply, Gas and Electricity requested modification of two schedules and the transfer of $244 within the appropriations made to his department for the year 1913. In connection therewith I report as follows:

The Deputy and Acting Commissioner states as follows:

"In the 1913 Budget no allowance was made for automobiles which were in use in 1912 for the Borough of The Bronx, and the alternative horses and wagons were also excluded, and no provision made for any transportation for the Bureau of Gas and Electricity in the said borough, excepting two horses and wagons at $60 per month each.

"Again, request for revenue bonds was recently denied by the Board of Estimate and Apportionment, and the within modification and transfer is intended to apply the funds allowed in the budget to the best advantage throughout the City.

"As a matter of precaution the Bureau of Lamps and Lighting has throughout the year exercised the greatest economy in the use of the said funds, but has been crippled in its inspection work to a great extent. By the readjustment of the transportation funds, as requested, it will be barely possible that this bureau may keep within the limits of the funds allowed in the 1913 Budget, and in order to do so the tours of inspection have been curtailed; this condition will obtain until the end of the year. By the said readjustment, however, the best possible results under the conditions will be obtained, and I would respectfully request that same be approved to date as of August 1, 1913."

The following table shows the 1913 Budget appropriations for the accounts affected, the requested debit and credit transfers, and the proposed appropriations, as revised:

Account No.	1913 Budget Appropriation.	Requested Debit Transfer.	Requested Credit Transfer.	Appropriations as Revised for 1913.
842	$10,280 00	$244 00	.....	$10,036 00
855	4,060 00	.....	$244 00	4,304 00
	$14,340 00	$244 00	$244 00	$14,340 00

In account No. 842, horse and vehicle, at $60 per month, allowance of $3,600, to be increased to $5,040, horse and vehicle at $70 per month, allowance of $840, is increased to $1,540; horse and vehicle at $4 per day, allowance of $800, is reduced to $576, and horse and vehicle at $3 per day is reduced from $5,040 to $2,880.

In account No. 855, hire of automobiles at $3 per hour is reduced from 770 hours to 513 hours, and the lines reading, "Hire of automobile at $80 per month for 5 months," "Hire of automobile at $75 per month for 5 months," and "Hire of automobile at $3 per day for 80 days" are added.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Water Supply, Gas and Electricity for the year 1913, as follows:

FROM

Transportation, Hire of Horses and Vehicles Without Drivers, Illumination, Power and Heat Control.

842 Inspection $244 00

TO

Hire of Automobiles, Illumination, Power and Heat Control.

855 Inspection $244 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of schedules, as revised, for the Department of Water Supply, Gas and Electricity for the year 1913, as follows:

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Transportation, Hire of Horses and Vehicles Without Drivers, Illumination, Power and Heat Control.

842 Inspection—	
Hire of horse and vehicle, at $3 per day, 960 days	$2,880 00
Hire of horse and vehicle, at $70 per month, 22 month	1,540 00
Hire of horse and vehicle, at $60 per month, 84 months	5,040 00
Hire of horse and vehicle, at $4 per day, 144 days	576 00
Total	$10,036 00

Hire of Automobiles, Illumination, Power and Heat Control.

855 Inspection—	
Hire of automobile, at $83.33 per month, 21 months	$1,750 00
Hire of automobile, not exceeding $3 per hour, 513 hours	1,539 00
Hire of automobile, at $80 per month, 5 months	400 00
Hire of automobile, at $75 per month, 5 months	375 00
Hire of automobile, at $3 per day, 80 days	240 00
Total	$4,304 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Water Supply, Gas and Electricity—Modification of Schedules and Transfer of Appropriations (Cal. No. 126).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, New York, July 2, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—Certain of the accounts appropriated to this department for the year 1913 out of the Brooklyn Water Revenue, are deficient. There has been a saving, however, in one of the accounts sufficient to supply the necessary amounts to the other accounts by transfer.

I would, therefore, respectfully request that the Board of Estimate and Apportionment make the transfers indicated below:

FROM

388S Maintenance, Improvement and Extension of Water Supply System in the Borough of Brooklyn during the year 1913, Supplies, Fuel Supplies, Water Supply, Pumping.

TO

402S Supplies, General Plant Supplies, Water Revenue Collection	$1,000 00
426S Materials, General Plant Materials, Water Supply, Pumping	1,800 00
	$2,800 00

Yours very truly, F. T. PARSONS, Deputy and Acting Commissioner.

The City of New York, Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, New York, July 18, 1913.

Mr. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—I respectfully request that the Board of Estimate and Apportionment transfer the sum of $5,500 to accounts of 1913, appropriated under section 242 of the Charter, as indicated below:

FROM

388S Maintenance, Improvement and Extension of Water Supply System in the Borough of Brooklyn during the Year 1913, Supplies, Fuel Supplies, Water Supply, Pumping.

TO

427S Maintenance, Improvement and Extension of Water Supply System in the Borough of Brooklyn during the Year 1913, Materials, General Plant Materials, Water Supply, Distribution, General.

Yours very truly, J. W. F. BENNETT, Deputy and Acting Commissioner.

Department of Finance, City of New York, Bureau of Municipal Inivestigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 5, 1913, and July 22, 1913, the Deputy and Acting Commissioner of Water Supply, Gas and Electricity requested transfers, aggregating $8,300, within the appropriations made to his department for the year 1913. In connection therewith I report as follows:

The following table shows the condition of the four accounts affected as of July 28, 1913:

	Code No.			
	736TW.	762TW.	795TW.	796TW.
Appropriation	$391,300 00	$125 00	$7,847 00	$7,190 00
Audited vouchers and outstanding liabilities	285,360 08	121 37	7,602 90	5,011 36
Unencumbered balance.	$105,939 92	$3 63	$244 10	$2,178 64
Requested Transfer—				
Debit	$8,300 00	.....	.....	.....
Credit	.....	$1,000 00	$2,800 00	$5,500 00

Account "General Plant Supplies, Water Revenue Collection, No. 762TW Water Revenue Allowance" is practically exhausted and supplies are needed for the remainder of 1913.

Account "Materials, General Plant Materials, Water Supply, Pumping No. 795TW, Water Revenue Allowance" is practically exhausted and additional materials are needed for repairs at pumping stations during the remainder of 1913.

In account "Materials, General Plant Materials, Water Supply Distribution, General, No. 796TW, Water Revenue Allowance," it is proposed to complete with department employes an abandoned contract. It will require $5,500 to pay for materials.

In account "Supplies, Fuel Supplies, Water Supply, Pumping, No. 736TW, Water Revenue Allowance" there is an ample unencumbered balance to meet the proposed transfers.

I recommend the adoption of the attached resolutions granting the request and modifying the schedules. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Water Supply, Gas and Electricity for the year 1913, as follows:

FROM

Supplies, Fuel Supplies, Water Supply, Pumping.

736TW Water Revenue Allowance $8,300 00

TO

Supplies, General Plant Supplies, Water Revenue Collection.

762TW Water Revenue Allowance $1,000 00

Materials, General Plant Materials, Water Supply, Pumping.

795TW Water Revenue Allowance 1,800 00

Materials, General Plant Materials, Water Supply, Distribution.

796TW Water Revenue Allowance 5,500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of schedules, as revised, for the Department of Water Supply, Gas and Electricity for the year 1913, as follows:

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Supplies, Fuel Supplies, Water Supply.

736TW Pumping—		
Tax Levy Allowance	$145,000 00	
Water Revenue Allowance	383,000 00	
Total allowance		$528,000 00
Supplies, General Plant Supplies, Water Supply.		
762TW Water Revenue Collection—		
Tax Levy Allowance	$4,185 00	
Water Revenue Allowance	1,125 00	
Total allowance		$5,310 00
Materials, General Plant Materials, Water Supply.		
795TW Tax Levy Allowance	$4,711 13	
Water Revenue Allowance	10,647 00	
Total allowance		$15,358 13
Materials, General Plant Materials, Distribution.		
796TW General—		
Tax Levy Allowance	$7,777 00	
Water Revenue Allowance	12,690 00	
Total allowance		$20,467 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

Board of Estimate and Apportionment; Department of Finance—Modification of Schedules and Transfer of Appropriation (Cal. No. 127).

The Secretary presented the following:

City of New York, Board of Estimate and Apportionment, Office of the Secretary, 277 Broadway, July 10, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—The appropriation, code No. 2141, Contingencies, Board of Estimate and Apportionment for the year 1913, needs replenishment by transfer. The condition of the fund at June 30, 1913, is as follows:

Appropriation in the Budget	$25,000 00	
Transfers thereto	75,000 00	
		$100,000 00
There was set aside by the Board of Estimate and Apportionment the following amounts for the purposes indicated:		
On January 9, 1913, for the use of the Committee on Refuse Disposal	$5,000 00	
On March 6, 1913, for the Commission on Height of Buildings	15,000 00	
On May 29, 1913, for Independence Day celebration	25,000 00	
		45,000 00
		$55,000 00
The expenditures to June 30, 1913, are as follows:		
On account of the Committee on Budgetary, Publicity	$0 64	
On account of Committee on Investigation of Departments of Health, Public Charities and Bellevue and Allied Hospitals	17,888 12	
On account of Committee on School Inquiry	18,430 99	
On account of Commission on New Sources of City Revenue	177 90	
On account of Committee on Terminal Improvements	63 00	
Payment to Otto H. Klein for expenses of trip to Europe	800 00	
Payment of expenses of delegate to Plumbers' Convention	69 90	
On account of the examination in connection with the Jerome Park Filtration Plant	518 00	
On account of ordinary expenses	5,554 43	
		43,502 98
		$11,497 02
There are in this office vouchers in course of preparation, as follows:		
Charles Pickler, stenographic services	$148 90	
Services of Engineers and expenses in connection with Jerome Park Filtration Plant	10,132 17	
On account of school inquiry	1,034 00	
Miscellaneous bills	263 62	
		$11,578 69
Outstanding orders for which invoices have not yet been received	$68 00	
Liability on account of telephone contract	519 41	
		587 41
		$12,166 10

I understand that bills for a substantial amount will shortly be rendered for services of Engineers employed by the Committee on Terminal Improvements.

I would suggest that a transfer of at least $25,000 be made to this account.

Yours very truly, JOSEPH HAAG, Secretary.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 10, 1913, the Secretary of the Board of Estimate and Apportionment requested transfer of $25,000 to the 1913 account entitled "Contingencies, No. 2141, Administration." In connection therewith I report as follows:

The proposed transfer is from "Debt Service, Fixed Charges and Contributions, Interest, 109, Interest on Revenue Bonds and Revenue Bills."

The 1913 Budget appropriation for Contingencies for the Board was $25,000. Transfers to the account since January 1, 1913, have increased this allowance to $100,000. The following amounts have been set aside from this total by resolution of the Board.

For use of Committee on Refuse Disposal	$5,000 00
For use of Committee on Height of Buildings	15,000 00
For Independence Day Celebration	25,000 00
	$45,000 00
Expenditures from the account to June 30, 1913, are as follows:	
On account of the Committee on Budgetary Publicity	$0 64
On account of Committee on Investigation of Departments of Health, Public Charities and Bellevue and Allied Hospitals	17,888 12
On account of Committee on School Inquiry	18,430 99
On account of Commission on New Sources of City Revenue	177 90
On account of Committee on Terminal Improvements	63 00
Payment to Otto H. Klein for expenses of trip to Europe	800 00
Payment of expenses of delegate to Plumbers' Convention	69 90
On account of the examination in connection with the Jerome Park Filtration Plant	518 00
On account of ordinary expenses	5,554 43
	$43,502 98

This amount, $43,502.98, with the $45,000 set aside for other purposes leaves a balance of $11,497.02. The following vouchers against this balance are in preparation:

Charles Pickler, for stenographic services	$148 90
Services of Engineers and expenses in connection with Jerome Park Filtration Plant	10,132 17
On account of school inquiry	1,034 00
Miscellaneous bills	263 62
Outstanding orders for which invoices have not yet been received	68 00
Liability on account of telephone contract	519 41
	$12,166 10

The present balance of $11,497.02 (July 1, 1913), will be insufficient to meet obligations and the transfer is therefore requested.

Sufficient balance remains in No. 109 account to permit the transfer.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated for the year 1913, as follows:

FROM

DEBT SERVICE.

Fixed Charges and Contributions, Interest.

109 Interest on Revenue Bonds and Revenue Bills $25,000 00

TO

BOARD OF ESTIMATE AND APPORTIONMENT.

Contingencies.

2141 Administration $25,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Board of Estimate and Apportionment for the year 1913, as follows:

BOARD OF ESTIMATE AND APPORTIONMENT.

Contingencies.

2141 Administration $125,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Debt Service for the year 1913, as follows:

DEBT SERVICE.

Fixed Charges and Contributions, Debt Service, Interest.

109 Interest on Revenue Bonds and Revenue Bills $2,799,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx Queens and Richmond—16.

—

Department of Bridges—Issue and Amendment of Issue of Corporate Stock (Cal. No. 128).

(On July 3, 1913, the requests of the Commissioner of Bridges herein were referred to the Corporate Stock Budget Committee.)

The Secretary presented the following:

City of New York, Department of Bridges, Municipal Building, Manhattan, N. Y., June 27, 1913.

To the Honorable the Board of Estimate and Apportionment of The City of New York:

Gentlemen—In connection with the construction of the Municipal Building, I beg to call your attention to the pressing need of additional funds for the completion of the building, and also for the payment of Architects' services in connection therewith.

On January 4, 1912, additional funds to the amount of $970,000 for construction, and $100,000 for Architects' services, were requested of your Board. On June 27, 1912, the sum of $650,000 was authorized by your Board for the construction account. On June 5, 1913, I requested your Board to authorize $450,000 for construction and $135,000 for Architects' services.

The report of the Corporate Stock Budget Committee, recently submitted to your Board, I understand does not include any allowance of corporate stock for the Municipal Building. It is desired to let a contract at an early date for the lighting fixtures. This contract will be submitted to your Board for approval within a week. As it will take about five months to complete the installation of the lighting fixtures, this contract should be let at the earliest possible date if the City Deparments are to occupy the building this fall.

Several items of work are necessary in order to complete the contract for the interior finish of the building. These items include additional electrical work, increasing size of fire hose, operating devices for partition sash, additional heating equipment, revisions in elevator fronts, etc.

A contract is being prepared for the interior finish of the tower. The tower is to be used by the Standard Testing Laboratory and should be completed as soon as possible.

Other features included in the request for $450,000 are as follows: Painting the metal work of stairs and elevator fronts, toilet room and slop sink closet fittings, portable fire apparatus, electrical contact safety devices for elevator doors, statues on the Centre street colonnade, etc.

The funds requested for Architects' services are to cover the amounts which will be due the Architects under their existing contract for services.

If your Board does not deem it expedient to authorize the total amount, namely, $450,000 for construction and $135,000 for Architects' services, at this time, I respectfully request that you authorize at least sufficient money for each of these accounts, so that the necessary work may proceed this summer to prepare the building for occupancy this fall. Yours truly, ARTHUR J. O'KEEFFE, Commissioner.

City of New York, Department of Bridges, Municipal Building, Manhattan, N. Y., June 28, 1913.

To the Honorable the Board of Estimate and Apportionment of The City of New York:

Gentlemen—In connection with the interior furnishing required for the Municipal Building, I beg to call your attention to the need of authorizing funds for the metal railings, screens, counters, etc., and for the lockers, shelving and filing devices.

On January 4, 1912, funds to the amount of $1,515,000 were requested for furniture and equipment in the Municipal Building. On January 23, 1913, your Board adopted a resolution returning plans and specifications for the desks and tables for the building and requested the Commissioner of Bridges to submit plans and specifications for lockers, shelving and filing devices.

In the revised request for corporate stock sent you on June 5, 1913, an amount of $800,000 was requested to cover the cost of the lockers, shelving and filing devices and the cost of the metal railings, screens, counters, etc. On June 3, 1913, I submitted to your Board for approval, plans and specifications for the metal railings, screens, counters, etc. These I understand are to be returned to me for the reason that no funds are available for this work. In the spaces in the building to be occupied by certain departments, including the Department of Finance, City Chamberlain and Department of Taxes and Assessments, the floors have been completed with the bases set for the counters. These bases project above the floor about nine inches, and the floor space cannot well be used without railings, screens and counters. It would be impracticable to use the old wooden counters now used in the departments. The estimate of the cost of the metal railings, screens, counters, etc., is $120,000, and this contract should be let at once if the departments are to occupy the building in the fall.

Plans and specifications will be shortly submitted to your Board pursuant to the resolution adopted by your Board on January 23, 1913, for the lockers, shelving and filing devices. This contract should also be let this summer, as it will not be practicable to move into the building a large part of the old equipment now in use by the various departments. Yours truly,

ARTHUR J. O'KEEFFE, Commissioner.

City of New York, Department of Bridges, Municipal Building, Manhattan, New York, July 15, 1913.

Hon. WM. A PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—On July 1, 1913, I transmitted to the Board of Estimate and Apportionment, for approval, form of contract, plans and specifications for furnishing and installing the lighting fixtures in the Municipal Building. A notice has been received from the Assistant Secretary of the Board stating that the said form of contract, plans and specifications were referred to you on the 5th instant for investigation and report.

The estimated cost of this proposed contract is $72,000, and the contract will be chargeable to the corporate stock fund entitled "C. D. B.—37, Municipal Building, Construction of, Manhattan Terminal of New York and Brooklyn Bridge."

The balance in this fund, however, is not sufficient to cover the estimated cost of the contract. Although requests have been made for additional moneys for this fund, no money was included in the corporate stock budget adopted by the Board of Estimate and Apportionment on June 26, 1913. Accordingly on June 27, 1913, I sent a special request to the Board of Estimate and Apportionment for corporate stock to the amount of $450,000, which covers the money needed for the lighting fixture contract and several other items of work. This request for additional funds, I understand, was referred to the Corporate Stock Budget Committee by the Board of Estimate and Apportionment. In order that the building may be ready for occupancy this fall, it is absolutely necessary that the lighting fixtures be installed. It is estimated that it will take four months to complete this contract and I urgently request that you report on the contract for the lighting fixtures in order that the Board of Estimate and Apportionment may approve the same at its next meeting. I also urgently request that the Corporate Stock Budget Committee, of which you are Chairman, report on the funds requested in my communication of June 27 in order that such portions of the funds may be authorized at the next meeting of the Board as are absolutely necessary to complete the items of work required to be completed to render the building ready for occupancy. An Examiner from your office has examined, with representatives of this Department and the architects, the details of costs of such various items of work and I shall be pleased to give you any further information that may be desired. I beg to call your attention to the fact that the amounts needed to make the building ready for occupancy this fall are comparatively small, when it is considered that the various City departments who are to occupy the building, and are now paying rentals, will undoubtedly save at least six months' rent if all work can be pushed at this time.

Yours truly, ARTHUR J. O'KEEFFE, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 30, 1913.

To the Baord of Estimate and Apportionment:

Gentlemen—On June 27, 28 and July 15, 1913, the Commissioner of Bridges requested corporate stock funds to the amount of $1,375,000 for completing the interior finish, the purchase and installation of lockers, shelving, metal railings, screens, counters, etc., and the payment of architects' fees in connection with the construction and equipment of the new Municipal Building. In connection therewith we report as follows:

The following tables show the amounts requested and the items allowed for work necessary for occupancy of the building this fall, reduced by the unencumbered balances of accounts, as at June 30, 1913, for funds previously authorized by your Board, which are available for this work. The difference between the amount requested and allowed being the estimated cost of work which may be deferred until 1914 (see Schedule A).

Requested.

Interior finish, Schedule A	$450,000 00
Lockers, shelving, filing equipment, etc., Schedule A	670,000 00
Metal railings, screens, counters, etc., Schedule A	120,000 00
Architects' fees, Schedule A	135,000 00
	$1,375,000 00

Allowed.

	Estimated Cost.	Architects' Fees.	Total
Interior finish, Schedule A	$137,839 00	$8,822 00	$146,661 00
Lockers, shelving, etc., Schedule A	419,849 00	.....	419,849 00
Metal railings, screens, counters, etc., Schedule A	120,000 00	2,400 00	122,400 00
Additional architects' fees, 3 per cent. on original plans and specifications for purchase and installation of furniture and equipment, $44,307, less encumbrance, $30,496; Schedule A	.....	13,811 00	13,811 00
Architects' fees on construction work to be completed December 31, 1913, Schedule A	.....	79,394 00	79,394 00
	$677,688 00	$104,427 00	$782,115 00
Deduct unencumbered balances	41,000 00	1,647 00	42,647 00
	$636,688 00	$102,780 00	$739,468 00

The departmental records show an encumbrance of $488,732 on account "C. D. B. No. 7, Queensboro Bridge." This is held as a reserve against the award of the referee in the case of the Williams Engineering and Construction Company against the City for damages on account of unfinished contract No. 9244 for constructing power houses and elevator towers on Blackwells Island piers of the Queensboro Bridge (see Schedule B for details). It is stated that final decision on this case may be delayed indefinitely; by reducing the original resolution, this amount can be made available for other work.

We recommend the adoption of the attached resolution authorizing the issue of corporate stock to the extent of $739,468, and the rescindment of the foregoing $488,732. Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That, pursuant to the provisions of chapter 670 of the Laws of 1907, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding seven hundred and thirty-nine thousand four hundred and sixty-eight dollars ($739,468), to be expended by the Commissioner of Bridges for the following purposes:

C. D. B.—37 Municipal Building, Construction	$636,688 00
C. D. B.—37A Municipal Building, Architects' Services	102,780 00
	$739,468 00

—and the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof to the amount of the par value of the stock to be applied to the purposes aforesaid.

Provided, however, that no part of the proceeds of the corporate stock hereby authorized shall become available until after approval by the Board of Estimate and Apportionment of plans, specifications, estimates of cost and form of contract for work chargeable to such appropriation.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That, subject to concurrence herewith of the Board of Aldermen, the amended resolution adopted by the Board of Estimate and Apportionment on June 3, 1910, and concurred in by the Board of Aldermen on June 21, 1910, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not exceeding *five hundred and ninety thousand dollars* ($590,000), for the purpose of providing means to pay the necessary expenses connected with the construction of the bridge over the East River, between the Boroughs of Manhattan and Queens, known as the Blackwells Island Bridge (No. 4), and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding *five hundred and ninety thousand dollars* ($590,000), the proceeds whereof to be applied to the purposes aforesaid."

—be and the same is hereby *amended* to make the amount authorized *one hundred and one thousand two hundred and sixty-eight dollars* ($101,268).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Manhattan—Modification of Schedules and Transfer of Appropriation (Cal. No. 129).

The Secretary presented the following:

City of New York, Office of The President of the Borough of Manhattan, City Hall, July 23, 1913.

To the Honorable Board of Estimate and Apportionment, 277 Broadway, New York:

Gentlemen—Request is hereby made for the following transfer of funds from appropriations made to this Department entitled:

PRESIDENT, BOROUGH OF MANHATTAN, 1913.

Contract for Open Order Service, General Repairs, Care of Public Buildings and Offices.

2805	Repairing Office Buildings	$1,600 00

To the appropriations made to this Department entitled:

PRESIDENT, BOROUGH OF MANHATTAN, 1913.

Supplies, Office Supplies.

2748	Administration, Executive	$1,500 00

Telegraph, Cable and Messenger Service.

2820	Administration, Executive	100 00
		$1,600 00

Transfers are necessary to provide additional funds for appropriations that have become exhausted.

Yours very truly, GEORGE McANENY, President, Borough of Manhattan.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 23, 1913, the President of the Borough of Manhattan requested transfer of $1,600 within appropriations to his office for the year 1913. In connection therewith I report as follows:

The proposed transfer is from Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing, No. 2,805, Office Buildings, to Supplies, Office Supplies, Administration, No. 2,748, Executive $1,500, and Contract or Open Order Service, Communication, Telegraph, Cable and Messenger Service, Administration, No. 2,820, Executive, $100. The appropriations to Nos. 2,748 and 2,820 are exhausted. The amounts requested are necessary to meet outstanding liabilities and anticipated expenditures for the balance of the year. There is sufficient balance in No. 2805 to permit of the debit transfer.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Manhattan for the year 1913, as follows:

FROM

Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing.

2805	Office Buildings	$1,600 00

TO

Supplies, Office Supplies, Administration.

2748	Executive	$1,500 00

Contract or Open Order Service, Communication, Telegraph, Cable and Messenger Service, Administration.

2820 Executive 100 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedules, as revised, for the office of the President of the Borough of Manhattan for the year 1913, as follows:

Supplies, Office Supplies, Administration.

2748 Executive $7,400 00

Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing.

2805 Office Buildings 38,400 00

Contract or Open Order Service, Communication, Telegraph, Cable and Messenger Service, Administration.

2820 Executive 200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Public Service Commission, For the First District—Approval of Award of Contract for Section No. 1, Routes 4 and 36, and Issue of Corporate Stock Therefor (Cal. No. 130).

The Secretary presented the following:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York.

To the Board of Estimate and Apportionment of The City of New York:

The Public Service Commission for the First District herewith transmits to you for your consent as required by law a proposed contract between The City of New York and E. E. Smith Contracting Company for the construction at the public expense of Section No. 1 of Routes Nos. 4 and 36, being that portion of the proposed rapid transit railroad under Broadway which begins at a point under Union square in the Borough of Manhattan about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th street with the center line of the subway and extends thence northerly under Union square and Broadway to a point in Broadway about one hundred and six (106) feet north of the intersection of the easterly building line of Broadway with the northerly building line of West 26th street.

In pursuance of section 37 of chapter 4 of the Laws of 1891 as amended, known as the Rapid Transit Act, and of a requisition duly made by the Public Service Commission for the First District on March 18, 1913, for the authorization of corporate stock of The City of New York to the amount of sixty million dollars ($60,000,000) which, with the sum of forty million five hundred and one thousand and ninety-one dollars ($40,501,091) theretofore registered on account of the railroad to be constructed under the contract known as Contract No. 4 between The City of New York, acting by this Commission, and New York Municipal Railway Corporation for additional rapid transit railroads, will be sufficient to meet the entire estimated expense to the City, to be defrayed by the issue of corporate stock, of executing said Contract No. 4 and of a resolution duly adopted by the Board of Estimate and Apportionment of The City of New York on March 18, 1913, authorizing and directing the issue of such corporate stock to the amount of sixty million dollars ($60,000,000), the proceeds thereof to be applied to the purpose specified in such requisition, the Public Service Commission for the First District hereby makes sub-requisition upon the Board of Estimate and Apportionment of The City of New York for the authorization of corporate stock of The City of New York to be issued and sold by the Comptroller to the amount of two million fifty-six thousand seven hundred and two and 50-100 dollars ($2,056,702.50) at such a rate of interest as the Commissioners of the Sinking Fund of The City of New York may prescribe for the purpose of providing the necessary means for construction at the public expense of said portion of such railroad.

This requisition is a sub-requisition on account of said requisition of the Public Service Commission for the First District on March 18, 1913, for sixty million dollars ($60,000,000) and the appropriation made thereunder by your Honorable Board by resolution adopted on March 18, 1913.

In witness whereof the Public Service Commission for the First District has caused this requisition to be subscribed by its Chairman and its official seal to be hereto affixed and attested by its Secretary this 24th day of July, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

[SEAL.] By EDWARD E. MCCALL, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

Routes Nos. 4 and 36, Section No. 1.

After consideration of the bids on section No. 1 of routes Nos. 4 and 36, the folowing resolution was duly moved and seconded:

Resolved, That this Commission hereby accepts the proposal of E. E. Smith Contracting Company, dated July 22, 1913, for the construction of section No. 1 of routes Nos. 4 and 36, being that portion of the proposed rapid transit railroad under Broadway which begins at a point under Union Square, in the Borough of Manhattan, about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th street with the centre line of the subway, and extends thence northerly under Union Square and Broadway to a point in Broadway about one hundred and six (106) feet north of the intersection of the easterly building line of Broadway with the northerly building line of West 26th street, the aggregate of the unit prices in the proposal multiplied by the respective estimated quantities amounting to two million fifty-six thousand seven hundred and two and 50-100 dollars ($2,056,702.50).

Resolved, That the Chairman and the Secretary be and they hereby are authorized on behalf of the Commission to execute the contract in the form attached to said proposal and to deliver the same if and when such contract is consented to by the Board of Estimate and Apportionment, and upon compliance by the said E. E. Smith Contracting Company with the requirements of the invitation to contractors attached to the said proposal.

Resolved, That the Chairman and the Secretary be and they hereby are authorized and directed to request the Board of Estimate and Apportionment to consent to the said contract and to prescribe a limit to the amount of bonds available to meet the requirements of the said contract, to wit, the sum of two million fifty-six thousand seven hundred and two and 50-100 dollars ($2,056,702.50); and also to request the said Board of Estimate and Apportionment to direct the Comptroller of The City of New York to issue the bonds of said City at such a rate of interest as the Board of Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means for construction at the public expense of the said portion of such railroad; and also to make request for the authorization of bonds for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit, the sum of two million fifty-six thousand seven hundred and two and 50-100 dollars ($2,056,702.50). Such requisition to be a sub-requisition under the requisition made by the Commission on or about March 18, 1913, for sixty million dollars ($60,000,000) for the purpose of carrying out the contract known as contract No. 4, dated March 19, 1913, between The City of New York, acting by the Commission, and New York Municipal Railway Corporation for additional rapid transit railroads.

Resolved, That the Secretary be directed to give notice to the said E. E. Smith Contracting Company that its proposal has been accepted and the contract awarded to it by this Commission, subject to its being consented to by the Board of Estimate and Apportionment.

Resolved, That it be referred to counsel to the Commission to inquire into the sufficiency of the sureties proposed to be given by said E. E. Smith Contracting Company, and in case the sureties named in the proposal of the said E. E. Smith Contracting Company or any of them are not approved by the Commission, then to inquire into the sufficiency of any other or substitute sureties and in behalf of the Commission to do any such act as may be necessary or incidental to the furnishing of a proper bond.

State of New York, County of New York, ss:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify, that I have compared the above with the original adopted by said Commission July 24, 1913, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission this 24th day of July, 1913.

TRAVIS H. WHITNEY, Secretary.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

Invitation to Contractors and Forms of Contract, Bond and Contractor's Proposal for Construction of a Part of the Broadway-Fourth Avenue Rapid Transit Railroad (Routes Nos. 4 and 36), Section No. 1.

Form finally adopted by the Commission July 1, 1913, and approved as to form by the Corporation Counsel and filed on Commencement of Advertisement of Invitation to Contractors.

INVITATION TO CONTRACTORS.

The City of New York, acting by the Public Service Commission for the First District (hereinafter called "the Commission"), invites proposals to construct Section No. 1 of Routes 4 and 36, a part of the Broadway-Fourth Avenue Rapid Transit Railroad.

The points within the City between which the said part is to run and the route or routes to be followed are briefly as follows:

Beginning at a point under Union Square, in the Borough of Manhattan, about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th Street with the center line of the subway and extending thence northerly under Union Square and Broadway to a point in Broadway about one hundred and six (106) feet north of the intersection of the easterly building line of Broadway with the northerly building line of West 26th Street.

The general plan of construction calls for a subsurface railroad having four tracks. The details of the construction of the railroad and appurtenances are more particularly indicated on the contract drawings.

Bidders will not be required to provide or lay tracks, ties or ballast, nor to do station finish work.

The work of construction under the contract will include the construction of all necessary sewers and connections along the route of the railroad; also the necessary support, maintenance, readjustment and reconstruction of vaults adjacent to buildings, pipes, tubes, conduits, subways or other subsurface structures; the support and care, including underpinning or the maintaining, protecting and securing, where necessary, of all buildings, monuments, surface railroads and other surface, subsurface and overhead structures of any kind, etc., affected by or interfered with during the construction of the work; also the restoration of the sidewalks and roadways.

The method of construction will be by trench excavation under cover, unless otherwise permitted by the Commission, as set forth in the form of contract.

The Contractor will be required to prosecute the work of construction from working shafts located at the points specified in the contract.

Bidders must examine the form of contract and the specifications, maps and plans; must visit the location of the work and inform themselves of the present conditions along the line thereof and make their own estimates of the facilities and difficulties attending the execution of the proposed work.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated, in the printed form of contract and in the contract drawings therein referred to. Printed copies of the form of contract, bond and contractor's proposal may be had on application at the office of the Commission, No. 154 Nassau Street, Borough of Manhattan, City of New York. The contract drawings may be inspected at the same office, and copies thereof may be purchased by prospective bidders on payment of five dollars ($5.00). The printed form of contract and the contract drawings are to be deemed a part of this invitation.

The Commission is informed by the Department of Docks & Ferries that docks and bulkheads along the East River or along the North River may be available for dumping purposes. Information in regard thereto may be obtained by any intending bidder upon inquiry at the office of the Department of Docks and Ferries, with whom all arrangements must be made with respect to utilizing such docks and bulkheads as may be available.

Partial payments to the Contractor will be made monthly as the work proceeds as provided in the form of contract.

The Contractor will be required to complete the work as soon as practicable and within a period of thirty-six (36) months from the date of the delivery of this contract.

Sealed bids or proposals will be received at the office of the Commission at No. 154 Nassau Street, Borough of Manhattan, City of New York, until the 22d day of July, 1913, at twelve fifteen (12:15) o'clock p. m., at which time, or at a later date to be fixed by the Commission, the proposals will be publicly opened.

Proposals must be in the form prescribed by the Commission, copies of which may be obtained at the office of the Commission.

A statement based upon estimate of the Engineer of the quantities of the various classes of the work and of the nature and extent as near as practicable of the work required is to be found in the schedule forming a part of the form of Contractor's Proposal. The quantities given in such schedule are approximate only, being given as a basis for the uniform comparison of bids and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed "Proposal for Constructing Part of Rapid Transit Railroad—Routes 4 & 36, Section No. 1," and must be delivered to the Commission or its Secretary; and in the presence of the person submitting the proposal, it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received or deposited unless accompanied by a separate certified check drawn upon a national or state bank or trust company having its principal office in the City of New York, satisfactory to the Commission and payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand ($15,000) dollars. Such check must not be enclosed in the envelope containing the proposal.

The Unit Prices must not be improperly balanced, and any bid which the Commission considers detrimental to the City's interests may be rejected.

No proposal, after it shall have been deposited with the Commission, will be allowed to be withdrawn for any reason whatever.

The award of the contract will be made by the Commission as soon as practicable after the opening of the proposals.

Bidders whose proposals are otherwise satisfactory, in case the sureties or securities named by them are not approved by the Commission, may substitute in their proposals the names of other sureties or securities approved by the Commission, but such substitution must be made within five days after notice of disapproval, unless such period is extended by the Commission.

A bidder whose proposal shall be accepted shall, in person or by duly authorized representative, attend at the said office of the Commission within ten days after the delivery of a notice by the Commission that his proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and such bidder shall then deliver a contract in the form referred to, duly executed and with its execution duly proved.

At the time of the delivery of the contract, the Contractor will be required to furnish security to the City by giving a bond for seventy-five thousand ($75,000) dollars. At the option of the successful bidder cash or approved securities may be deposited instead of giving a bond. If securities are deposited in place of a bond under this contract, they must be of the character of securities in which Savings Banks may invest their funds and must be approved by the Commission.

The Contractor's bond must be in the form annexed to the form of contract.

In addition and as further security fifteen (15%) per centum of the amounts certified from time to time to be due to the Contractor will be deducted until the amounts so deducted and retained shall equal ten (10) per centum of the sum of the amounts resulting from the product of the estimated approximate quantities and the Unit Prices as contained in the Schedule of Unit Prices in the Contractor's proposal. Thereafter there shall be so deducted and retained for such purpose ten (10) per centum of the amounts certified from time to time to be due to the Contractor. The Contractor may from time to time withdraw portions of the amounts so retained upon depositing in lieu thereof corporate stock of The City of New York equal in market value to the amount so withdrawn.

In case of failure or neglect to execute and deliver the contract or to execute and deliver the required bond or to make the required deposit, such bidder will, at the option of the Commission, be deemed either to have made the contract or to have

abandoned the contract. In the latter case, the Commission will give notice thereof to such defaulting bidder, and the Commission may thereupon proceed to make another contract with such, if any, of the original bidders as, in the opinion of the Commission, it will be to the best interests of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other Contractor over the amount of the bid of such defaulting bidder.

If the Commission shall give notice to any bidder that his or its proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and if the bidder shall fail within ten days thereafter or within such further period, if any, as may be prescribed by the Commission, to execute and deliver the contract and to execute and deliver the bond with sureties, or to make the required deposit, then the Invitation to Contractors and proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damage by it sustained by reason of such failure, and in such case the bidder shall, by the terms of the proposal, absolutely assign to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

All such deposits made by bidders whose proposals shall not be accepted by the Commission will be returned to the person or persons making the same within five days after the contract shall be executed and delivered. The deposit of the successful bidder will be returned when the contract is executed and its provisions in respect of the bond or deposit are complied with.

The right to reject any and all bids is reserved.

New York, July 1, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

CONTRACT FOR THE CONSTRUCTION OF A PART OF A RAPID TRANSIT RAILROAD, ROUTE Nos. 4 & 36, SECTION No. 1.

Approved as to form this 30th day of June, 1913.

JOHN L. O'BRIEN, Acting Corporation Counsel.

Agreement made this day of , 1913, between The City of New York, hereinafter called the City, acting by the Public Service Commission for the First District, hereinafter called the Commission, party of the first part and hereinafter called the Contractor, party of the second part.

Whereas, The Commission in behalf of the City by due advertisement, pursuant to law, has invited contractors to submit to the Commission proposals for making this contract; and

Whereas, The Contractor has thereupon duly submitted to the Commission a proposal, which has been accepted; and

Whereas, The Board of Estimate and Apportionment of The City of New York has consented to this contract;

Now, therefore, in consideration of the mutual covenants and agreements hereinafter contained, and under the authority of chapter 4 of the laws of 1891, entitled, "An Act to provide for Rapid Transit Railways in Cities of over One Million Inhabitants," and of the various acts amending the same, the parties do hereby, the City for itself and its successors and the Contractor for* and assigns agree each with the other as follows:

I.

GENERAL PROVISIONS AND DEFINITIONS.

Outline of Contract.

Article I. The Contractor agrees to construct the part hereinafter described of a Rapid Transit Railroad, with its appurtenances. The City agrees to pay to the Contractor the sums of money hereinafter mentioned at the times and in the manner and upon the terms and conditions hereinafter set forth.

Brief Description of Works.

Article II. The Railroad to be constructed under this contract is formed of a part of a certain route adopted by the Board of Rapid Transit Railroad Commissioners for The City of New York on May 12, 1905, which is known as the Seventh and Eighth Avenue Route, or Route No. 4; and a part of a certain route adopted by the Board of Rapid Transit Commissioners on May 12, 1905, and which as modified is known as the Lexington Avenue Route, or Route No. 5. The part of the Railroad to be constructed under this contract consists of

Section No. 1.

Beginning at a point under Union Square, in the Borough of Manhattan, about three hundred and ninety (390) feet north of the intersection of the southerly building line of 14th Street with the center line of the subway and extending thence northerly under Union Square and Broadway to a point in Broadway about one hundred and six (106) feet north of the intersection of the easterly building line of Broadway with the northerly building line of West 26th Street.

The precise location of the tracks, and the dimensions and other characteristics of the Railroad are more fully stated in the specifications forming a part of this contract, and in the detailed drawings and plans hereinafter mentioned.

Statute Incorporated Herein.

Article III. This contract is made pursuant to the Rapid Transit Act, which is to be deemed a part hereof as if it were incorporated herein.

Marginal Notes, etc.

Article IV. Titles, headings, running headlines and marginal notes are printed hereon merely for convenience, and shall not be deemed to be any part of this contract for any purpose whatever.

Definitions of Words.

Article V. The following words and expressions used in this contract shall, except where by the context it is clear that another meaning is intended, be construed as follows:

"City."

(1) The word "City" to mean The City of New York, and any other corporation or division of government to which the ownership, rights, powers and privileges of The City of New York under the Rapid Transit Act, shall hereafter come, belong or appertain.

"Commission."

(2) The word "Commission" to mean the Public Service Commission for the First District, and any other board, body, commission, official or officials, to which or to whom the powers now belonging to the said Commission in respect of the location, construction, equipment, maintenance and operation of Rapid Transit Railroads under the provisions of the Rapid Transit Act shall, by virtue of any act or acts, hereafter pass or be held to appertain.

"Contractor."

(3) The word "Contractor" to mean the part† of the second part to this contract, and‡ and assigns and any and every person or corporation who or which shall at any time be liable in the place or for the part of the second part to perform any obligations under this contract assumed by the said part of the second part. For convenience the Contractor is hereinafter referred to as if the Contractor were an individual. The word "he" shall, as the sense may require, include "it," "she" and "they"; the word "him" shall include "her," "it" and "them"; and the word "his" shall include "its," "her" and "their."

"Comptroller."

(4) The word "Comptroller" to mean the Comptroller of The City of New York, and the officer or board to whom or to which his powers now existing under the Rapid Transit Act shall come to appertain.

"Engineer."

(5) The word "Engineer" to mean the Chief Engineer of the Commission or his duly authorized representative and any successor or successors duly appointed or any deputy or substitute for him who shall be appointed by the Commission or by its authority.

"Rapid Transit Act."

(6) The words "Rapid Transit Act" to mean chapter 4 of the laws of 1891 as amended by chapters 102 and 556 of the laws of 1892, chapters 528 and 752 of the laws of 1894, chapter 519 of the laws of 1895, chapter 729 of the laws of 1896, chapter 616 of the laws of 1900, chapter 587 of the laws of 1901, chapters 533, 542, 544 and 584 of the laws of 1902, chapters 562 and 564 of the laws of 1904, chapters 599 and 631 of the laws of 1905, chapters 472, 606 and 607 of the laws of 1906, chapter 429 of the laws of 1907, chapter 498 of the laws of 1909, chapters 205, 504, 505 and 506 of the laws of 1910, chapter 888 of the laws of 1911, and chapter 226 of the laws of 1912, or as heretofore otherwise amended.

"Railroad."

(7) The word "Railroad" to mean the part which the Contractor agrees by this contract to build, together with all appurtenances thereto which are to be constructed or provided by the Contractor.

"The Works."

(8) The words "the Works" to mean all of the matters and things herein agreed to be furnished or done by or on the part of the Contractor.

"New York."

(9) The words "New York" to mean The City of New York according to its boundaries at the date of this contract.

"Daily Newspaper."

(10) The words "daily newspaper" to mean any paper regularly published in New York on every day or every day except Sundays and holidays.

"Notice;" "Direction."

(11) The word "notice" to mean a written notice. The word "direction" to mean a written direction.

Wherever in the specifications or upon the drawings the words "directed," "required," "permitted," "ordered," "designated," "prescribed" or words of like import are used, it shall be understood that the direction, requirement, permission, order, designation or prescription of the Engineer is intended, and similarly the words "approved," "acceptable," "satisfactory" or words of like import shall mean approved by or acceptable or satisfactory to the Engineer.

Legal Address of Contractor; Address May be Changed.

Article VI. The address given in the bid or proposal, upon which this contract is founded, is hereby designated as the place where all notices, directions and other communications to the Contractor shall be certified, mailed or delivered. The delivering at the above-named place or depositing in a post-paid wrapper directed to the above place, in any post-office box regularly maintained by the Post-office Department, of any notice, letter or other communication to the Contractor, shall be deemed sufficient service thereof upon the Contractor. Such address may be changed at any time by an instrument in writing executed and acknowledged by the Contractor and delivered to the Commission. Nothing herein contained shall be deemed to preclude or render inoperative the service of any notice, direction or other communication upon the Contractor personally.

Contractor Responsible for Acts of Sub-Contractor's Employees.

Article VII. If the Contractor shall cause any part of this contract to be performed by a sub-contractor, the provisions of this contract shall apply to such sub-contractor and his officers, agents and employees in all respects, as if he and they were employees of the Contractor; and the Contractor shall not be in any manner thereby discharged from his obligations and liabilities hereunder, but shall be liable hereunder for all acts and negligence of the sub-contractor, his officers, agents and employees as if they were employees of the Contractor. The employees of the sub-contractor shall be subject to the same provisions hereof as employees of the Contractor; and the work or materials furnished by the sub-contractor shall be subject to the provisions hereof, as if furnished directly by the Contractor.

Commission May Disapprove Sub-Contractors.

Article VIII. The Contractor, before making any sub-contract of the work, shall state in writing to the Commission the name of the proposed sub-contractor, the portion of the work which such sub-contractor is to do or the materials which such sub-contractor is to furnish, the place of business of such sub-contractor and such other information as the Commission may require. The Commission shall have the right to require the Contractor not to award any sub-contract to a person, firm or corporation disapproved of by the Commission.

II.

WORK TO BE DONE, PRICES, ETC.

Work to be Done.

Article IX. The Contractor shall do all the work and furnish all the materials, plant, tools and appliances necessary or proper for performing and completing the work of constructing the Railroad in the manner and within the time hereinafter specified. He shall complete the Railroad and do all work and furnish all labor and materials in and about the construction of the Railroad to the satisfaction of the Commission and in accordance with this contract and the specifications and drawings herein mentioned at the prices herein agreed upon and fixed therefor; provided, however, that said contract drawings may from time to time be altered or modified as hereinafter provided.

Construction Includes Incidental Work.

Article X. In order to construct the Railroad it will be necessary to take up and relay the sidewalk pavement or other surface material, and to relay the pavement in the roadways, to protect, support and maintain during construction all buildings and other structures, including their foundations, and all surface railroads, water mains, gas pipes, electric subways, poles and wires, pneumatic tubes, mail tubes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections, as the same may be met with along the route; to build sewers, both along the route and other streets; to make or remake the necessary manholes, catch basins and other sewer connections therewith; to move, alter, readjust or rebuild water mains, gas pipes, electric subways, pneumatic tubes, mail tubes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections; and to do all such additional and incidental work as may be necessary for the completion of the Railroad and the reconstruction and restoration of the street pavements or other surfaces adjacent to the route of the Railroad and which may have been directly or indirectly disturbed or injured by the Contractor in the progress of the work of construction, to as useful and good a condition as existed before construction shall have been begun. All such work of every description including underpinning or the maintaining, protecting and securing, wherever necessary, of all buildings or structures of whatsoever nature, monuments, and surface railroads affected by or interfered with during the construction of the Railroad, is part of the work which is included in this contract, and which the Contractor agrees to perform for the prices herein agreed upon.

Prices.

Article XI. The City will pay and the Contractor shall receive in full compensation for furnishing the necessary plant and all the materials and labor, and for performing and completing all the work which is necessary or proper to be furnished or performed in order to complete the Railroad (including all incidental work) and also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen obstruction or difficulty encountered in the prosecution of the work, and for all risks of any description connected with the work, and for all expenses incurred by or in consequence of the suspension or discontinuance of the work as herein specified, the following prices, to wit:

Schedule of Unit Prices.

Item 1. For earth excavation above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., the sum of Four 81-100 dollars ($4.81-100) per cubic yard.

Item 2-A. For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., the sum of Four 81-100 dollars ($4.81-100) per cubic yard.

Item 3. For rock excavation (except excavation for sewers and pipes), including the disposal of it, the sum of Four 81-100 dollars ($4.81-100) per cubic yard.

Item 3-A. For rock excavation for sewers and pipes, including the disposal of it, etc., the sum of Ten 00-100 dollars ($10.00-100) per cubic yard.

Item 4. For underpinning buildings, including all incidental work, labor and material, as follows:

(a) For buildings less than seven (7) stories in height the sum of Fifty-five 00-100 dollars ($55.00-100) per lineal front foot of building underpinned.

(b) For buildings from seven (7) to twelve (12) stories in height the sum of Seventy-five 00-100 dollars ($75.00-100) per lineal front foot of building underpinned.

(c) For buildings over twelve (12) stories in height the sum of One hundred 00-100 dollars ($100.00-100) per lineal front foot of building underpinned.

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*Here insert, if a corporation, itself, its successors; if a single inidvidual, himself, his executors, administrators; if several individuals, themselves jointly and severally, and their and each of their executors, administrators.

†Here and in like blanks hereafter insert y or ies, as the case may be.

‡Here insert, as the case may be, either its successors or his executors, administrators, or their executors, administrators.

Item 4-E. For maintaining, protecting and securing buildings, including all incidental work, labor and material the sum of Forty 00-100 dollars ($40.00-100) per lineal front foot of building maintained, protected and secured.

Item 6. For concrete masonry, in place, the sum of Nine 00-100 dollars ($9.00-100) per cubic yard.

Item 7. For protective concrete masonry, in place, outside of waterproofing, the sum of Seven 00-100 dollars ($7.00-100) per cubic yard.

Item 8. For rubble stone masonry, in place, the sum of Seven 00-100 dollars ($7.00-100) per cubic yard.

Item 8-A. For dry rubble masonry, in place, the sum of Five 00-100 dollars ($5.00-100) per cubic yard.

Item 9. For brick masonry, in place, the sum of Fourteen 00-100 dollars ($14.00-100) per cubic yard.

Item 10. For hollow terra cotta brick or tile masonry of any thickness, in place, the sum of Fifteen 00-100 dollars ($15.00-100) per cubic yard.

Item 11. For grout of Portland cement, the sum of Two 00-100 dollars ($2.00-100) per barrel of Portland cement used.

Item 12. For timber piles, in place and prepared, the sum of Twenty-five cents ($0.25-100) per lineal foot.

Item 13. For timber foundations, placed and fastened, the sum of Thirty 00-100 dollars ($30.00-100) per thousand feet, board measure.

Item 14. For broken stone or gravel, in place, other than that used in concrete, the sum of Two 50-100 dollars ($2.50-100) per cubic yard.

Item 15. For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:

(a) For one-ply, the sum of Fifty-five cents ($0.55-100) per square yard.
(b) For two-ply, the sum of Eighty cents ($0.80-100) per square yard.
(c) For three-ply, the sum of One 05-100 dollars ($1.05-100) per square yard.
(d) For four-ply, the sum of One 30-100 dollars ($1.30-100) per square yard.
(e) For five-ply, the sum of One 55-100 dollars ($1.55-100) per square yard.
(f) For six-ply, the sum of One 80-100 dollars ($1.80-100).
(i) For dry-ply, the sum of Thirty cents ($0.30-100) per square yard.

Item 16. For waterproofing, brick laid in asphalt mastic, in place, the sum of Thirty 00-100 dollars ($30.00-100) per cubic yard.

Item 17. For vitrified or cast iron drain pipe, in place, as follows:

(a) For twelve (12) inch vitrified pipe, the sum of Ninety cents ($0.90-100) per lineal foot.
(b) For ten (10) inch vitrified pipe, the sum of Seventy-five cents ($0.75-100) per lineal foot.
(c) For eight (8) inch vitrified pipe, the sum of Sixty-five cents ($0.65-100) per lineal foot.
(e) For four (4) inch vitrified pipe, the sum of Fifty-cents ($0.50-100) per lineal foot.
(g) For six (6) inch cast iron pipe, the sum of One 25-100 dollars ($1.25-100) per lineal foot.
(h) For four (4) inch cast iron pipe, the sum of Eighty-five cents ($0.85-100) per lineal foot.

Item 17A. For cast iron pipe and fittings, including specials, "extra heavy," in place, as follows:

(a) For three (3) inch, the sum of One 00-100 dollars ($1.00-100) per lineal foot.
(b) For four (4) inch, the sum of One 50-100 dollars ($1.50-100) per lineal foot.
(c) For six (6) inch, the sum of Two 00-100 dollars ($2.00-100) per lineal foot.
(d) For eight (8) inch, the sum of Three 00-100 dollars ($3.00-100) per lineal foot.

Item 18. For tunnel ducts in place as required by Section No. 407 of the Specifications, the sum of Nine cents ($0.09-100) per duct foot.

Item 19. For riveted steel, painted and erected, the sum of Seventy-five 00-100 dollars ($75.00-100) per ton of two thousand pounds.

Item 20. For steel beams and shapes with connections, painted and erected, the sum of Sixty-five 00-100 dollars ($65.00-100) per ton of two thousand pounds.

Item 21. For steel rods and bars built in concrete, the sum of Sixty 00-100 dollars ($60.00-100) per ton of two thousand pounds.

Item 25. For miscellaneous iron castings (other than tunnel lining) such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes, in place, the sum of One hundred 00-100 dollars ($100.00-100) per ton of two thousand pounds.

Item 26. For special wire forms, in place, the sum of Ten cents ($0.10-100) per pound.

Item 27. For one and one-half (1½) inch galvanized iron pipe hand rail, in place, including expansion bolts, etc., the sum of Thirty cents ($0.30-100) per lineal foot.

Item 28. For steel gratings, for ventilation, in place, including frames, etc., the sum of One 75-100 dollars ($1.75-100) per square foot.

Item 29. For vault lights, in place, the sum of One 75-100 dollars ($1.75-100) per square foot.

Item 30. For street surface restored:

(a) Within curb lines, including curbs and all structures and growths therein or thereon, Two 00-100 dollars ($2.00-100) per square yard.
(e) For repavement of roadways between curb lines with Asphalt pavement, the sum of Two 00-100 dollars ($2.00-100) per square yard.
(f) For repavement of roadways between curb lines with Belgian Block pavement, the sum of Four 00-100 dollars ($4.00-100) per square yard.
(g) For repavement of roadway between curb lines with Asphalt Block pavement, the sum of Three 00-100 dollars ($3.00-100) per square yard.
(i) For new blue stone curb, in place, including all incidental work, labor and material, the sum of One 50-100 dollars ($1.50-100) per lineal foot.

Item 31. For park surface restored (all classes), the sum of Two 00-100 dollars ($2.00-100) per square yard.

Item 32. For wrought-iron electric conduits, in place, in stations as follows:

(a) For three-fourths (¾) inch wrought-iron conduits, the sum of Thirty cents ($0.30-100) per lineal foot.
(b) For one and one-half (½) inch wrought-iron conduits the sum of Fifty cents ($0.50-100) per lineal foot.
(c) For two (2) inch wrought-iron coduits the sum of Seventy-five cents ($0.75-100) per lineal foot.
(d) For one (1) inch wrought-iron conduits, the sum of Forty cents ($0.40-100) per lineal foot.

Item 33. For cast-iron outlet boxes, in place, in stations, the sum of One 00-100 dollars ($1.00-100) each.

Item 33A. For cast-iron pull boxes, in place, in stations, the sum of Ten 00-100 dollars ($10.00-100) each.

Item 34. For cast-iron pipe and fittings including specials "extra heavy" in place, in stations, as follows:

(a) For six (6) inch the sum of Two 00-100 dollars ($2.00-100) per lineal foot.
(b) For three (3) inch the sum of One 00-100 dollars ($1.00-100) per lineal foot.

Sewers.

Vitrified and Cast-Iron Pipe.

Item 37. For twelve (12) inch vitrified pipe sewer, the sum of Three 00-100 dollars ($3.00-100) per lineal foot.

Item 38. For fifteen (15) inch vitrified pipe sewer, the sum of Three 50-100 dollars ($3.50-100) per lineal foot.

Item 39. For eighteen (18) inch vitrified pipe sewer, the sum of Four 00-100 dollars ($4.00-100) per lineal foot.

Item 40. For twenty (20) inch vitrified pipe sewer, the sum of Four 50-100 dollars ($4.50-100) per lineal foot.

Item 40-A. For twenty-two (22) inch vitrified pipe sewer, the sum of Five 00-100 dollars ($5.00-100) per lineal foot.

Item 41. For twenty-four (24) inch vitrified pipe sewer, the sum of Five 50-100 dollars ($5.50-100) per lineal foot.

Item 42. For cast-iron sewer pipe (straight pipe) in place, in the works, the sum of Thirty-five 00-100 dollars ($35.00-100) per ton of two thousand pounds.

Item 43. For cast-iron sewer pipe (special castings) in place, in the work, the sum of Eighty 00-100 dollars ($80.00-100) per ton of two thousand pounds.

Egg-Shaped Brick or Concrete Sewers.

Item 45. For three foot six inch by two foot four inch, the sum of Six 50-100 dollars ($6.50-100) per lineal foot.

Surface and Subsurface Structures.

Item 75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed, in excess of the number existing), as follows:

(a) For electric (underground trolley) railroads, the sum of Ten 00-100 dollars ($10.00-100) per lineal foot of single track.
(b) For horse, storage battery or other independent motor operated railroads, the sum of Four 00-100 dollars ($4.00-100) per lineal foot of single track.

Pipes in Streets.

For Work and Materials as Called for by the Specifications, Water and Gas Pipes,

Water Pipes.

For water pipes in place, as follows:

Item 79. For 6-inch water pipe, the sum of Ninety cents ($.90-100) per lineal foot.

Item 82. For 12-inch water pipe, the sum of One 40-100 dollars ($1.40-100) per lineal foot.

Item 84. For 20-inch water pipe, the sum of Two 25-100 dollars ($2.25-100) per lineal foot.

Item 87. For 36-inch water pipe, the sum of Five 00-100 dollars ($5.00-100) per lineal foot.

Item 88. For 48-inch water pipe, the sum of Ten 00-100 dollars ($10.00-100) per lineal foot.

Gas Pipes.

For cast-iron gas pipes in place, as follows:

Item 90. For 4-inch gas pipe, the sum of Eighty cents ($.80-100) per lineal foot.

Item 91. For 6-inch gas pipe, the sum of One 00-100 dollars ($1.00-100) per lineal foot.

Item 92. For 8-inch gas pipe, the sum of One 25-100 dollars ($1.25-100) per lineal foot.

Item 93. For 10-inch gas pipe, the sum of One 50-100 dollars ($1.50-100) per lineal foot.

Item 94. For 12-inch gas pipe, the sum of One 75-100 dollars ($1.75-100) per lineal foot.

Item 95. For 16-inch gas pipe, the sum of Two 00-100 dollars ($2.00-100) per lineal foot.

Item 96. For 20-inch gas pipe, the sum of Two 50-100 dollars ($2.50-100) per lineal foot.

Item 97. For 24-inch gas pipe, the sum of Three 50-100 dollars ($3.50-100) per lineal foot.

Item 98. For 30-inch gas pipe, the sum of Five 00-100 dollars ($5.00-100) per lineal foot.

Item 99-A. For wrought-iron by-passing pipes upon or below the street surface, in place, as follows:

(a) For 6-inch by-passing pipe, the sum of Three 00-100 dollars ($3.00-100) per lineal foot.
(b) For 8-inch by-passing pipe, the sum of Five 00-100 dollars ($5.00-100) per lineal foot.
(d) For 12-inch by-passing pipe, the sum of Seven 50-100 dollars ($7.50-100) per lineal foot.
(e) For 16-inch by-passing pipe, the sum of Ten 00-100 dollars ($10.00-100) per lineal foot.
(f) For 20-inch by-passing pipe, the sum of Fifteen 00-100 dollars ($15.00-100) per lineal foot.
(g) For 24-inch by-passing pipe, the sum of Thirty 00-100 dollars ($30.00-100) per lineal foot.

Item 99-B. For by-passing pipes above the street surface, in place, as follows:

(c) For 20-inch by-passing pipe, the sum of Twenty-five 00-100 dollars ($25.00-100) per lineal foot.
(d) For 24-inch by-passing pipe, the sum of Forty 00-100 dollars ($40.00-100) per lineal foot.
(h) For trestle support, the sum of Eight 50-100 dollars ($8.50-100) per lineal foot.

Item 99-C. For wrought-iron gas pipes, in place, as follows:

(b) For 6-inch gas pipe, the sum of One 50-100 dollars ($1.50-100) per lineal foot.
(d) For 10-inch gas pipe, the sum of Two 50-100 dollars ($2.50-100) per lineal foot.
(e) For 12-inch gas pipe, the sum of Four 00-100 dollars ($4.00-100) per lineal foot.

New Water and Gas Pipe.

Item 100. For new cast-iron hub and spigot straight pipe actually used, as measured in place in the work, the sum of Thirty-two 00-100 dollars ($32.00-100) per ton of two thousand pounds.

Item 100-A. For new standard weight gas pipes, true wrought iron, threads and couplings included, actually used, as measured in place in the work, as follows:

(b) For 6-inch gas pipe, the sum of One 50-100 dollars ($1.50-100) per lienal foot.
(d) For 10-inch gas pipe, the sum of Three 00-100 dollars ($3.00-100) per lienal foot
(e) For 12-inch gas pipe, the sum of Five 00-100 dollars ($5.00-100) per lineal foot.

Item 101. For new cast-iron hub and spigot pipe, special castings, actually used, as measured in place in the work, the sum of Seventy-five 00-100 dollars ($75.00-100) per ton of two thousand pounds.

Item 101-A. For new malleable iron fittings for new wrought-iron gas pipe actually used, as measured in place in the work, the sum of Twenty cents ($0.20-100) per lb.

High Pressure Fire System Pipes, Standard Spigot and Groove.

For high pressure fire system pipe in place, as follows:

Item 102. For 8-inch high pressure fire system water pipe, the sum of Two 00-100 dollars ($2.00-100) per lienal foot.

Item 103. For 12-inch high pressure fire system water pipe, the sum of Three 00-100 dollars ($3.00-100) per lienal foot.

Item 104. For 16-inch high pressure fire system water pipe, the sum of Four 00-100 dollars ($4.00-100) per lineal foot.

New Cast-Iron Spigot and Groove Pipe for High Pressure Fire System.

Item 107. For new cast-iron spigot and groove straight pipe actually used, as measured in place in the work, the sum of Forty 00-100 dollars ($40.00-100) per ton of two thousand pounds.

Item 108. For new cast-iron spigot and groove pipe, special castings, actually used, as measured in place in the work, the sum of Eighty 00-100 dollars ($80.00-100) per ton of two thousand pounds.

Air Pipes.

For air pipe in place, as follows:

Item 121. For 6-inch air pipe, the sum of One 00-100 dollars ($1.00-100) per lineal foot.

Item 122. For 8-inch air pipe, the sum of One 50-100 dollars ($50.00-100) per lineal foot.

New Air Pipe.

Item 123. For new 6-inch air pipe actually used, as measured in place in the work, the sum of One 00-100 dollars ($1.00-100) per lineal foot.

Item 124. For new 8-inch air pipe actually used, as measured in place in the work, the sum of One 50-100 dollars ($1.50-100) per lineal foot.

Mail Tubes.

Item 125. For 8-inch mail tube in place, the sum of Four 00-100 dollars ($4.00-100) per lineal foot.

Item 126. For new 8-inch mail tube, actually used, as measured in place in the work, the sum of One hundred 00-100 dollars ($100.00-100) per ton of two thousand pounds.

Ducts in Streets.

Electric Ducts and Conduits in Streets.

[Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-(a).]

Item 127. For electric ducts and conduits in place, as provided in Section No. 62 of the Specifications, the sum of Fifty cents ($0.50-100) per duct foot.

Item 127-A. For wrought-iron pipe used as electric ducts and conduits in place, as provided in Section No. 62 of the Specifications:

(a) For 2½-inch wrought-iron pipe, the sum of Fifty cents ($0.50-100) per lineal foot.

(b) For 3-inch wrought-iron pipe, the sum of Sixty cents ($0.60-100) per lineal foot.

(c) For 3½-inch wrought-iron pipe, the sum of Seventy cents ($0.70-100) per lineal foot.

(d) For 4-inch wrought-iron pipe, the sum of Eighty cents ($0.80-100) per lineal foot.

(e) For 1½-inch wrought-iron pipe, the sum of Fifty cents ($0.50-100) per lineal foot.

Item 127-B. *For Johnstone six-way ducts, the sum of Fifty cents ($0.50-100) per lineal foot.

Work Not Susceptible of Classification.

Article XII. In case any work or materials shall be required to be done or furnished in or about the Works—whether specified herein or indicated on the plans or not—which are not susceptible of classification under the Schedule of Unit Prices, the Contractor shall and will if ordered by the Engineer do and perform such work and furnish such materials at and for the actual and necessary net cost in money to the Contractor for labor and for material, where new material is used, and in addition thereto ten per centum (10%) of such net cost for the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material, and the Contractor shall have no further claim in excess of the above; but this method of payment shall not apply to the performance of any work or the furnishing of any material which in part or in whole is susceptible of classification under such schedule, which work or material shall be paid for in part or in whole, as the case may be, at the unit price given in such schedule, except as herein otherwise *expressly* provided.

Daily Report in Detail Required.

In case any work or material shall be required to be done or furnished under the provisions of this Article, for cost plus ten (10) per centum, the Contractor shall at the end of each day during the progress thereof furnish to the Engineer daily time slips showing the name and number of each workman employed thereon, the number of hours employed thereon, the character of work he is doing and the wages paid or to be paid to him and also a daily memorandum of the material delivered on the work showing the amount and character of such material, from whom purchased and the amount paid or to be paid therefor. If required, the Contractor shall produce any books, vouchers, records or memoranda showing the work and materials actually paid for and the actual prices therefor.

In lieu of the provision hereinbefore in this Article contained for paying for work and materials which are not susceptible of classification under the Schedule of Unit Prices (including the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material), the Engineer may in his discretion, but only with the approval of the Commission, fix and determine unit prices for such labor and materials (including the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material), or a lump sum price therefor. Such additional unit prices or such lump sum price shall be embodied in a Supplemental Schedule and shall be filed by the Engineer in his office. If the Contractor shall notify the Engineer in writing that he will not accept the price or prices fixed and determined as aforesaid he shall be paid in accordance with the provisions of the first two paragraphs of this Article.

Quantities Approximate Only.

Article XIII. It is expressly understood and agreed that the quantities of the various classes of work to be done and materials to be furnished under this contract, specified in the Contractor's Proposal, are approximate and only for the purpose of comparing, on a uniform basis, the bids offered for the Works under this contract; and neither the City, nor the Commission, nor any member of the Commission, is to be held responsible that any of the said estimated quantities shall by reason of inaccuracies, or changes in the Works, be found even approximately correct in the construction of the Works; and the Contractor shall make no claim for anticipated profit, or for loss of profit, because of a difference between the quantities of the various classes of work actually done or materials actually delivered, and the estimated quantities stated in the Contractor's Proposal.

Right of Commission to Amplify Plans.

Article XIV. The Commission shall have the right, during the progress of the work, to amplify the plans, to add explanatory specifications and to furnish additional specifications and drawings.

Plans May be Modified.

Article XV. The Commission further reserves the right to change the location and to alter, in any way it may deem necessary for the public interests, the drawings aforesaid, in part or altogether, at any time during the progress of the work, without constituting grounds for any claim by the Contractor for payment or allowance for damages or extra service other than is provided for items of the different classes of construction shown in the schedule, or where not susceptible of classification, then as otherwise provided herein.

Contractor Bound to Complete in Best Manner.

Article XVI. The Contractor shall complete the entire work in accordance with the specifications and contract drawings and according to the other provisions of this contract and within the times specified in this contract, in the most workmanlike manner and with the highest regard to the safety of life and property and according to the lines, levels and directions given by the Engineer, for the prices herein agreed upon.

Best Materials, Machinery, Tools, etc., to be Used.

Article XVII. The Contractor shall furnish of the best description all materials, machinery, implements, tools and labor necessary to construct and put in complete working order all work covered by the specifications, contract drawings and provisions of this contract, including all additional specifications, drawings and details issued or required as herein provided for the prices hereinbefore agreed upon.

Contractor Has Examined Location, Plans, etc.

Article XVIII. The Contractor hereby represents that prior to the execution of this contract he has examined in detail on the ground the location mentioned herein and indicated on the plans, and that he has fully examined the plans and has read each and every clause and section of this contract and the specifications and has had full opportunity to consider the same and make necessary investigations relating thereto; and he agrees that he will not make any claim for, or have any right to, damages or an extension of time for completion of the Works, or any other concession, because of any misinterpretation or misunderstanding of this contract or the specifications or of the plans, or because of any lack of information.

No Acceptance to Obviate the Necessity for Sound Work, etc.

Article XIX. No acceptance of any part of the Works or of materials therefor shall relieve the Contractor of his obligation to furnish sound material and perform sound work, whether with respect to such part or to any part of the Works.

Inspection.

Article XX. The Commission contemplates, and the Contractor hereby approves, the most thorough and minute inspection by the Commission and its Engineer, and by their representatives or subordinates, of all work and materials and of the manufacture or preparation of such materials from the beginning of construction to the final completion of the Works. It is the intention of the Commission that its Engineer shall draw the attention of the Contractor to all errors or variations from the requirements of this contract or other defects in workmanship or materials. But it is expressly agreed that no omission on the part of the Commission or its Engineer or any officer, member or subordinate of the Commission to point out such errors, variations or defects shall give the Contractor any right or claim against the City, or shall in any way relieve the Contractor from his obligations according to the terms of this contract.

Contractor to Afford Facilities for Inspection.

Article XXI. The Contractor shall at all times give to the Commission and its members, to the Engineer and his assistants and subordinates, and any person designated by the Commission or its Chairman, all facilities, whether necessary or convenient, for inspecting the materials to be furnished and the work to be done under this contract. The members of the Commission, the Engineer and all employees of the Commission bearing his authorization or the authorization of the Commission or its Chairman, shall be admitted at any time summarily and without delay to any part of the Works or to inspection of materials at any place or stage of their manufacture, preparation, shipment or delivery.

Engineer to be Furnished Facilities.

Article XXII. The Engineer shall be furnished with every reasonable facility for ascertaining whether the work is in accordance with the requirements and intention of this contract, even to the extent of uncovering or taking down portions of finished work. Should the work thus exposed or examined prove satisfactory, the uncovering or taking down and the replacing of the covering or the making good of the parts removed shall be paid for at the contract prices for the class of work done; but should the work exposed or examined prove unsatisfactory, such uncovering, taking down, replacing and making good shall be at the expense of the Contractor.

Inspection Not to Relieve Contractor of Obligations.

Article XXIII. The inspection of the work shall not relieve the Contractor of any of his obligations to fulfill his contract as herein prescribed, and defective work shall be made good and unsuitable materials will be rejected, notwithstanding that such work and materials have been previously overlooked by the Engineer and accepted or estimated for payment. If the work or any part thereof shall be found defective before the final acceptance of the whole work, the Contractor shall forthwith make good such defect, in a manner satisfactory to the Engineer, and if any material brought upon the ground for use in the work, or selected for the same, shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials.

Engineer's Determination—To be Final and Conclusive Upon Contractor.

Article XXIV. To prevent disputes and litigations, the Engineer shall in all cases determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this contract; shall determine all questions in relation to the Works and the construction thereof, and shall in all cases determine every question which may arise relative to the fulfillment of this contract on the part of the Contractor. His determination and estimate shall be final and conclusive upon the Contractor, and in case any question shall arise between the parties hereto, touching this contract, such determination and estimate shall be a condition precedent to the right of the Contractor to receive any money under this contract.

Engineer to Explain.

Article XXV. The Engineer shall make all necessary explanations as to the meaning and intention of the specifications, shall give all orders and directions contemplated therein or thereby and in every case in which a difficult or unforeseen condition shall arise in the performance of the work required by this contract.

Other Contractors.

During the progress of the work it will be necessary for other contractors and persons to do work in or about the construction or equipment of the Railroad. The Contractor shall afford to such other contractors or persons such facilities as the Engineer may require.

Differences Between Contractor and Other Contractors.

Any difference or conflicts which may arise between the Contractor and other contractors of the Commission in regard to their work shall be adjusted and determined by the Engineer.

Substitute for Chief Engineer.

Article XXVI. Any engineer substituted by the Commission in place of the Chief Engineer during his absence, illness or inability or when the Commission shall so determine, shall, during his official connection, have all the power and authority of the Chief Engineer, and in all respects be recognized as such Chief Engineer.

III.

SPECIFICATIONS.

Specifications and Drawings Subject to Requirement of Railroad of Highest Class—Where Text of Contract Doubtful, Best Materials and Workmanship Required.

Section No. 1. The specifications and contract drawings hereinafter mentioned and taken in connection with the other provisions of this contract, are intended by the Commission to be full and comprehensive, and to show all the work required to be done. But in a work of this magnitude it is impossible either in advance to show all details or precisely to forecast all exigencies. The specifications and contract drawings are to be taken, therefore, as indicating the amount of work, its nature and the method of construction so far as the same are now distinctly apprehended. The Railroad is intended to be constructed for actual use and operation as an interurban railroad of the highest class, adapted to the necessities of the people of New York, in the best manner, according to the best rules and usages of railroad construction, and in the event of any doubt as to the meaning of any portion or portions of the specifications or contract drawings, or of the text of the contract, the same shall be interpreted as calling for the best construction, both as to materials and workmanship, capable of being supplied or applied under the then existing local conditions. All the clauses of the specifications, and all the parts of the contract drawings, are, therefore, to be understood, construed and interpreted as intending to produce the results hereinbefore stated.

To Construct in Accordance With Specifications.

Section No. 2. The Contractor shall construct and complete the Railroad strictly in accordance with the requirements of these specifications; if, in the specifications or contract, any detail or other matter or thing requisite be not mentioned, nevertheless the same is deemed to be included and the Contractor hereby undertakes to do the same as part of the work hereunder, at the unit prices for each class of work where applicable or as provided in Article XII. of the contract.

Maps and Drawings.

Section No. 3. The contract plans referred to in the contract and specifications are each countersigned by the Engineer, stamped with the seal of the Commission, and, except typical plans hereinbelow designated, bear the general title:

ROUTES NOS. 4 AND 36, SECTION NO. 1.

Contract Drawing No.

and are designated or numbered as follows:

A-1, B-250, B-251, C-1 to C-14 inclusive, C-401 and C-601, and are dated May 28, 1913,

and the following typical plans all of which are countersigned by the Engineer, stamped with the seal of the Commission and bear the general title:

Contract Drawing No.

and are designated or numbered as follows:

B-231, B-232, B-249 and C-1001, and are dated April 16, 1913.

Typical Sections and Dimensions.

Section No. 4. The sections and dimensions shown on the contract drawings are typical sections and dimensions which should be applicable to the greater part of the work. Working drawings will be made up and supplied to the Contractor as rapidly as practicable after the contract is closed. The Contractor will furnish a statement showing the order in which he desires these plans, to facilitate the prosecution of his work, and this order will be followed as far as possible. Where, however, changes are deemed necessary they may be ordered under Article XV of the contract and the Engineer shall issue such plans and specifications as may be necessary.

Supplementary Drawings.

Section No. 5. In addition to the contract drawings already mentioned, the Commission has had prepared a set of maps and plans, bearing the same seal and general title as the contract-drawings, but designated as Supplementary Drawings. These supplementary drawings exhibit certain information which the Commission has received from its Engineer of the general nature of the soil underlying portions of the route, the nature and position of surface railways, water mains, gas and other pipes, sewers, electric subways, manholes, hydrants, catch basins and other surface, subsurface and overhead structures.

Supplementary Drawings May Be Examined.

Section No. 6. These supplementary drawings can be seen at the office of the Engineer, also samples of material taken in connection with test borings. They are

*In lieu of these special ducts, the Contractor, if he so elects, may furnish clay ducts, to be paid for under *Schedule Item* 127.

exhibited to the Contractor without any guarantee on the part of the Commission as to their completeness or correctness. The Contractor may have copies (blue prints) of these drawings for such aid, if any, as may be derived from them, on the payment of the cost of blue-printing.

In Case of Difficulties Not Indicated on Supplementary Drawings.

Section No. 7. If, in the prosecution of the work, difficulties of any nature be encountered which are not indicated or suggested by the supplementary drawings, or by the samples of the test borings, or if additional surface, subsurface or overhead structures or obstructions be discovered or found of different size or in different positions or of different nature from those shown on the supplementary drawings, or if in any way such supplementary drawings be found erroneous, the Contractor shall take every necessary or proper precaution to overcome the unforeseen difficulty, and is to support, maintain, protect, remove, relay, adjust or readjust, as the case may be, the additional or different surface, subsurface or overhead structures according to the direction of the Engineer, and as provided in this contract and these specifications.

Specifications not Exclusive.

Section No. 8. It is expressly understood that the specifications do not include all requirements, but are requirements in addition to those heretofore or elsewhere given or provided in this contract. The specifications and other provisions of this contract and the contract drawings, are intended to be explanatory of each other. Should, however, any discrepancy appear or any misunderstanding arise as to the import of anything contained in either, the explanation of the Engineer shall be final and conclusive.

Subdivisions of Specifications.

Section No. 9. These specifications are grouped in subdivisions as follows:

1 Brief Description of the Work.
2 General Clauses.
3 General Manner of Prosecution and Maintenance of Traffic.
4 Street Railroad Tracks, Mains and other Surface, Subsurface and Overhead Structures.
5 Excavation.
6 Backfilling.
7 Piling and Timbering.
8 Cement.
9 Mortar.
10 Masonry.
11 Concrete.
12 Brick Masonry.
13 Stone Masonry.
14 Waterproofing.
15 Steel and Iron.
16 Painting.
17 Drains and Pumps.
18 Sewers.
19 Requirements for Pipes.
20 Ducts.
21 Conduits.
22 Surfaces Restored.
23 Gratings, Hand-rails, etc.
24 Special Matters.

1

Brief Description of the Work.

General Nature.

Section No. 10. The Rapid Transit Railroad which is hereinbefore described is to be an underground railroad or subway. The general details of construction and the location of the various tracks, junctions, grades, etc., are indicated more particularly on the contract drawings.

The Contractor will not be required to provide or lay tracks, ties or ballast under this contract.

Stations to Be Constructed.

Stations are to be constructed at such places as are indicated on the plans, but station finish work is not included in the work to be done under this contract. Station construction must, however, be kept so advanced that station finish contractors can complete their work coincidently with the completion of the Railroad.

Surface and Subsurface Structures.

Section No. 11. In addition to the construction of the Railroad, it will be necessary to do various incidental work which is generally referred to in Article X. hereof.

Ventilating Chambers and Gratings.

Section No. 12. In order to provide for a frequent renewal of air in the Railroad, chambers for the installation of necessary ventilating devices shall be built at the sides of the Railroad and in connection therewith. These chambers shall be generally of the form and dimensions as shown on the plans, varying somewhat with the requirements of local conditions. They will be so arranged that the air will discharge through gratings placed generally in the sidewalks in the roofs of the chambers. If, owing to local conditions, it becomes necessary to lead the air to gratings or other outlets away from the chambers, suitable air-ways, ducts or flues shall be constructed.

The chambers will be built at the places and as indicated on the plans.

Payment for Chamber Doors.

The chambers will be provided with suitable steel doors and with steel ladders reaching to the street for use as exits in case of emergency. Such doors and ladders will be paid for as riveted steel, Schedule Item 19.

Also in connection with the ventilation of the Railroad partition walls shall be constructed between the tracks, and in general shall be arranged as follows:

In four-track subways, between the two center tracks.

Refuge Niches.

Openings, or refuge niches, shall be provided in all partition walls at suitable intervals.

At stations the walls between the tracks will be omitted.

Other openings with gratings will be built at or over the stations for the purpose of admitting air to the Railroad.

2

General Clauses.

Prevention of Water Percolation.

Section No. 13. It is the very essence of these specifications to secure a railroad structure underground which shall be free from the percolation of ground or outside water. The mixing and placing of the concrete and the placing and protection of the waterproofing shall be with this end in view.

Best Quality of Work.

Section No. 14. All materials and workmanship must be of the best class in every respect, and the Engineer is to be the sole judge of their quality and efficiency.

Rapidity and Safety.

Section No. 15. All the work shall be prosecuted in the manner according to local conditions, best calculated to promote rapidity in construction, to secure safety to life and property and to reduce to the minimum any interference with abutting property and the public travel. Decking of the streets, paving, or other surface work affecting or affected by street traffic shall be prosecuted during such hours as will reduce such interference to a minimum. Night work shall be conducted, in accordance with the directions of the Engineer, so that annoyance to occupants of abutting property shall be reduced to a minimum, and the Engineer may, if in his judgment conditions so require, direct that night work be omitted.

Contract Section Part of System.

Section No. 16. The contract section embraced in this contract is one of a number of contract sections forming part of an extensive rapid transit railroad system, which the interests of the City imperatively require should be completed and put in operation without delay. If the Contractor shall fail so to prosecute his work that, in the judgment of the Engineer, it shall not be reasonably probable that the work will be completed within the time limited, the Contractor, if directed by the Commission, shall increase the number of shifts and the number of men in each shift as may be necessary to insure the completion of the work within the time required by this contract, or within the shortest possible time thereafter.

Emergencies.

Section No. 17. In case of emergencies involving danger to life or property, continuous work with an increased force may be ordered by the Engineer for such time as may be necessary.

Permits.

Section No. 18. No work shall be begun until the Commission shall issue to the Contractor a permit authorizing him to proceed. No permits for excavation will be issued until the Contractor has given satisfactory assurance to the Engineer that the structural iron and steel and other material needed for construction will be available. The Contractor must conduct his work so as to avoid advancing the excavation at any place ahead of the delivery on the work or on property owned or leased by the City of the structural iron and steel required for such place, unless otherwise permitted by the Engineer. The permits are to be in such form and shall cover such portions of the work as the Commission shall prescribe.

When to be Filed With Borough President.

Section No. 19. Before any opening is made in the surface of a street, a copy of the permit issued by the Commission shall have been filed with the Borough President not less than five (5) days, unless the Engineer shall expressly direct work to begin within a less period.

Notice Regarding Commencement of Work.

Section No. 20. Before commencing work on any part of the route, whether on the Railroad or on the sewers lying off the line of the Railroad, the Contractor shall give notice in writing to the Engineer at least one (1) week in advance of his intention to commence such operations; and before commencing manufacture, or resuming manufacture, if the same has been suspended, of any article called for by these specifications, notice shall be given to the Engineer in writing at least one (1) week in advance, with the name and address of the maker and the amount and description of the material to be manufactured.

Shafts and Dumping Platforms.

Section No. 21. The Contractor shall prosecute the work of construction under the provisions of this contract from working shafts located at two points as shown on the contract drawings at Union and Madison Squares.

Plans Required.

Detailed plans showing the construction of such shafts, dumping platforms and all other appurtenances in connection with the shaft working plants shall be submitted to the Engineer and receive his approval before permits will be granted for such plants and appurtenances to be constructed and put in operation.

Payment for Shafts.

The Contractor will be paid for the excavation of the working shafts and the cross-connections between the shafts and the subway, when such shafts and cross-connections are located outside of or partially outside of the net outside width of the Railroad structure, at the prices herein stipulated for excavation, Schedule Items 1 and 3. Upon the completion of the work of construction the Contractor shall backfill such shafts and cross-connections and restore the surface over them. The cost of such backfilling will be included in the prices stipulated for excavation, Items 1 and 3; the surface restored will be paid for at the prices stipulated in the Schedule Items applicable thereto. All other work, labor and material in connection with the shafts and the shaft working plants must be provided by the Contractor at his own cost.

Ordinances and Regulations.

Section No. 22. In all operations connected with the Works, all ordinances of the City, and of the Board of Health, so far as they may be valid and operative with respect thereto, and all laws of this State which are now applicable to and control or limit in any way the actions of those engaged in the work or affecting the materials belonging to them, shall be respected and strictly complied with, and the Contractor shall further strictly comply with all applicable Federal, State and Municipal regulations regarding the transportation in and around the City and Harbor of materials used in, or in connection with, the work.

Requirements of Borough President, etc., to be Observed.

Section No. 23. Whenever the construction of the Works under the provisions of this contract shall interfere with, disturb or endanger any sewer, water pipe, gas pipe, or other duly authorized subsurface structure, the work of construction at such points shall be conducted in accordance with the reasonable requirements of the Borough President or the Commissioner of Water Supply, Gas and Electricity or other officer or local authority having the care of and the jurisdiction or control over such subsurface structures so interfered with, disturbed or endangered.

Building and Water Permits; Shut-offs for Water Pipes, etc.

Section No. 24. The Contractor shall procure all permits necessary or requisite for the underpinning of buildings and the reconstruction thereof; he shall, at his own cost, provide for the water supply necessary for his work and he shall bear the cost of any inspection charge in connection therewith. He shall bear the expense absolutely necessary in the bagging of gas pipes where it is necessary to cut off the supply of same, except where it is necessary to resort to by-passing as provided in Section No. 52, and of the shutting off and restoration of the flow in water mains where such work applies to the maintenance and support thereof as provided in Section No. 59 of the specifications.

Storage on Cross-Streets.

Section No. 25. On cross-streets adjacent to the work, only such material may be stored as may be necessary, in case of an emergency, to sheet or to support the excavation; or a reasonable amount of such structural and other material as may be absolutely necessary to avoid delay in construction may be stored; such material must not be allowed to accumulate, but must be replenished from day to day. The amount to be so allowed shall be determined by the Engineer.

No material of any nature shall be stored along the streets occupied by the railroad.

Material Stored.

Section No. 26. Excavated sand, gravel or stone that in the judgment of the Engineer is suitable for use in mortar, concrete, or masonry, also structural and other material to be used in the work, may be stored in such locations and for such periods as are approved by the Engineer.

Approval of Engineer Revocable.

Section No. 27. In any case material may be so stored only with the approval of the Engineer, revocable at any time; and if so ordered, such material shall be removed immediately on receipt of the order, or within a period of time to be therein stated.

Access to Fire Hydrants.

Section No. 28. Wherever the work is being carried on, free access must be given to every fire hydrant and fire alarm box, and when required hydrants shall be extended by suitable tube or piping to an accessible point as approved by the Engineer, and to the satisfaction of the Chief of the Fire Department. Materials must not be piled at any time or place within ten (10) feet of any fire hydrant or fire alarm box; and where materials are unavoidably piled or placed in the vicinity of a fire hydrant or fire alarm box, and to such height as to obscure a sight of the same, the position of such hydrant or fire alarm box shall be indicated by suitable signals, both day and night.

Inspection by Bureau of Fire Alarm Telegraph.

The Contractor shall guard, maintain and protect the existing wires, cables, ducts, manholes, posts and poles of the Fire Department. He shall not cause the interruption of the existing Fire Department Fire Alarm Telegraph service. No Fire Department wire, cable, duct, manhole, post or hole shall be disturbed except in the presence of a representative of the Bureau of Fire Alarm Telegraph. In case of the disturbance of any of the former, the same shall be restored to its existing condition by the Contractor at his own expense.

Work to Be Cleared.

Section No. 29. At his own expense and as directed from time to time by the Engineer, the Contractor is to clear the work, streets and all public places occupied by him of all refuse and rubbish that may accumulate from any source whatever and leave them in a neat condition; but this is in no way to be construed as placing upon the Contractor the usual duties of the Street Cleaning Department.

Assistance to Be Rendered to Owners of Buildings.

Section No. 30. Where access to any adjacent property is temporarily cut off, owing to the occupancy of the street by the Contractor, he must, at his own cost, render every assistance to the owner or occupant in handling such materials of any description, including all material to be removed by the Department of Street Cleaning, that has to be taken to or removed from such property; such material shall be taken to or from the nearest accessible point that in the opinion of the Engineer is convenient for handling.

Waste Material.

Section No. 31. Waste material of any character will under no conditions be permitted to remain on the streets, but must immediately on its becoming unfit for

use in the work be carted away and disposed of by the Contractor as hereinbefore provided; nor shall such materials be allowed to accumulate in the trenches.

Conveniences for Men.

Section No. 32. Necessary conveniences, properly secluded from public observation, shall be constructed and maintained by the Contractor at his own expense wherever needed for the use of the Contractor's employees, to the satisfaction of the Engineer and the sanitary authorities.

Fences.

Section No. 33. Wherever necessary the Contractor shall erect and maintain at his own expense fences for the protection of adjoining property and of the adjoining public places. (See Section No. 427.)

Advertisements Forbidden.

Section No. 34. The using of fences and buildings during construction for advertising purposes, other than the name and address of the Contractor, is forbidden; all temporary buildings and fences erected by the Contractor shall be neat in appearance and shall be painted as directed by the Engineer.

Barricades.

Section No. 35. Barricades and bridges shall be erected by the Contractor at his own cost, for the protection of the work or use of the public; they shall be substantial in character and neat in appearance.

Detailed Drawings.

Section No. 36. The Engineer will prepare and furnish to the Contractor, from time to time as required, drawings and plans amplifying such details of the contract drawings as may be necessary, and drawings and plans necessary to show the adjustment and reconstruction of all surface and subsurface structures wherever the reconstruction of the same is necessitated by the construction of the railroad. These plans must be strictly followed, unless local conditions should develop, during construction, suggesting changes, when, with the approval of the Engineer, such changes may be permitted.

Working and Shop Drawings.

Section No. 37. The Contractor shall make all working or shop drawings which may be required in addition to the contract drawings, or in addition to such other drawings as the Commission may issue in amplification of such contract drawings, as explained above. All working or shop drawings shall be submitted in duplicate to the Engineer for his approval, which approval shall be indicated by his countersigning one set of such working or shop drawings and returning the same to the Contractor. Should the working or shop drawings be not approved by the Engineer, then the Engineer shall return one set of such working or shop drawings, with the necessary corrections and changes indicated thereon; and the Contractor must make such corrections and changes, and again submit plans in duplicate for the approval of the Engineer; and no work called for by said working or shop drawings shall be done until the approval of the Engineer be obtained, which must be given or refused within twenty (20) working days after delivery to him at his office of such plans in duplicate.

Lines and Grades.

Section No. 38. During the progress of the work the Commission will give, through the Engineer, to the Contractor, suitable points, marks or benches, indicating the line and grade of the Railroad and of the sewers; such points or bench marks to be established at such intervals as the Engineer deems necessary for the Contractor to be able to perform his work. The principal lines and grades are to be given by the Engineer, who may change them from time to time as may be authorized and directed by the Commission. The stakes and marks given by the Engineer shall be carefully preserved by the Contractor, who shall give to the Engineer all necessary assistance and facilities for establishing benches and plugs and for making measurements.

Notice, How Given.

Section No. 39. When the Contractor is absent from any part of the work where it may be necessary to give instructions, orders will be given by the Engineer to, and shall be received and promptly obeyed by the superintendent or overseer of the Contractor, who may have charge of the particular work in relation to which the orders are given, and a confirmation in writing of such orders will be given to the Contractor by the Engineer if so requested.

Imperfect Work.

Section No. 40. Any imperfect construction which may be discovered before the final acceptance of the work shall be corrected immediately on the requirement of the Engineer and at the Contractor's expense, notwithstanding that it may have been overlooked by the proper inspector.

Damaged Work to Be Replaced.

Section No. 41. All work of whatever kind which during its progress and before its final acceptance shall become damaged from any cause shall be broken up or removed and be replaced by good and sound work at the Contractor's expense.

Condemned Materials to Be Removed.

Section No. 42. If any material brought on the ground for use in the work or selected for the same shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials as may be directed by the Engineer.

Competent Men.

Section No. 43. The Contractor shall employ only competent, skillful and faithful men to do the work. Whenever the Engineer shall notify the Contractor in writing that in his opinion any man on the work is incompetent, unfaithful or disorderly, such man shall be discharged from the work and shall not again be employed on it.

3

General Manner of Prosecution and Maintenance of Traffic.

Access to Buildings, Etc.

Section No. 44. No building shall, without the consent of the occupant, and after notice to the Engineer, be deprived of means of access thereto; and where streets are open suitable bridges shall be built and maintained, at the Contractor's expense, to permit owners and occupants to reach their premises. Where necessary, proper and easy means for passengers to reach or leave street cars shall be maintained.

Contiguous Contract Sections.

Section No. 45. On the division line of contiguous contract sections, the Engineer will decide any matters in the details of construction within a limit of twenty (20) feet on either side of the line where the work of contractors may be in conflict, and direct which of the contractors shall complete the details of construction within such limits.

Conduct of Work.

Section No. 46. Generally the Contractor will be permitted to conduct his work in the most expeditious manner possible, having due regard for the safety of persons and property and facilities for traffic and under such instructions as the Engineer may give from time to time.

Facilities for Travel.

Section No. 47. All necessary facilities are to be furnished by the Contractor for the benefit of street travel, both on longitudinal and cross streets.

Decking of Streets and Sidewalks.

Section No. 48. In order to provide the minimum interference with traffic and the minimum inconvenience to abutting property owners, during the construction of the Railroad, on all parts of the work, the streets and sidewalks shall, except as hereinafter specifically provided, be substantially decked or covered over, and every precaution must be taken to keep traffic free from interruption. (See Section No. 427.)

Street Intersections.

Section No. 49. The street intersections, except in cases where open trench excavation without cover is permitted, shall be kept at all times open for traffic for their full width. The street intersections in cases where open trench excavation without cover is permitted must be kept at all times open to traffic for at least one-half the width of the cross-roadway, except that cross-roadways in which surface railroads are located shall be kept at all times open to traffic for their full width.

Where portions of a street intersection are opened the same shall be substantially and neatly bridged for foot traffic. In all cases the Contractor shall at all times keep all the street crossings on the lines of the sidewalks in a clean and neat condition, bridging gutters and low places where water might collect.

Close Observance of Above Requirements.

Section No. 50. The Commission will insist upon the close observance of the above requirements, and no departure therefrom will be allowed, excepting upon the written permission of the Commission.

Openings for Ventilation.

Section No. 51. Wherever the excavations are decked, or where gases are liable to accumulate, suitable openings shall be provided for proper ventilation.

By-passing Gas Mains.

Section No. 52. Wherever the excavations are decked, all gas pipes the services of which cannot temporarily be dispensed with shall be by-passed, if directed by the Engineer; temporary pipes to take their place being laid either upon, above or below the street or sidewalk surfaces. These temporary by-passing pipes, if laid upon or below the street surface, will be paid for at the prices stipulated in Schedule Item 99-A. If laid above the street or sidewalk surface, they will be paid for at the prices stipulated in Schedule Item 99-B. These prices are to include the cost of all excavation, backfilling, temporary paving (including maintenance of the same), and the restoration of the permanent paving, both upon the completion of the by-passing installation and upon the restoration of the original system, and all other work, labor and material of whatever character necessary to provide a temporary and independent system of gas supply to take the place of the system originally in the street; to connect such temporary system with the mains in the intersecting streets where necessary; to transfer all house and lamp services to such temporary system where necessary; to remove and dispose of the material of such temporary system and to restore the original system; and no other allowance will be made therefor under any other Schedule Item or otherwise. No allowance will be made for the maintenance of such temporary system. All maintenance will be considered as of the original system, and will be as provided for in Section No. 59. All pipe included in Schedule Item 99-A shall be wrought iron of a quality and manufacture to be approved by the Engineer. If laid on a trestle. (Item 99-B) the pipes shall be flanged, or of other approved connection, and sizes 20 inches in diameter or less shall be rolled wrought iron pipe; for sizes above 20 inches in diameter, they shall be riveted and calked steel pipe, made from plates ¼ inches in thickness.

Temporary Pipes, Etc.

Section No. 53. Temporary pipes, if laid upon or above the street or sidewalk surfaces, shall be neatly and substantially placed in a manner to cause the minimum of inconvenience to the abutting property owners and to the public. Where by-passing pipes are to cross a street overhead, the trestles must be of such a height as to give a minimum clear head room underneath the pipe of 14 feet.

In General.

Section No. 54. In general, work will as provided herein be carried on under covered roadways. In exceptional cases, however, where rock is within a few feet of the street or sidewalk surface, it may be impracticable to operate drills while the street is covered, until a sufficient depth of excavation has been obtained. In such cases such latitude will be allowed the Contractor as may prove absolutely necessary for the execution of his contract, and as the Engineer with the approval of the Commission may deem advisable, after a thorough understanding of the exact conditions and necessities has been determined.

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Street Railroad Tracks, Mains and Other Surface, Subsurface and Overhead Structures.

Notice to Be Given.

Section No. 55. Notice is to be given by the Contractor to all individuals, companies and the proper city officials, owning or having charge of surface, subsurface or overhead structures along any part of the work, of his intention to commence operations along such part of the route, at least one (1) week in advance, and the Contractor shall file with the Engineer at the same time a copy of said notice; and he shall co-operate with the proper parties, officers or officials in charge of such structures and shall furnish them with all reasonable facilities to inspect the methods of caring for their property.

Plans Furnished.

Section No. 56. In the re-arrangement of surface, subsurface or overhead structures requiring removal and relaying or reconstruction due to interference with the railroad structure a tentative plan will be made by the Engineer, which will be submitted to the parties interested; if any reasonable changes are then requested by any of the said parties within ten (10) days after the submission of the tentative plan, such changes will then be made, if in the judgment of the Engineer they will best conserve the interest of all parties concerned; a further plan will then be made which, on the approval of the Engineer, will be final.

Reconstruction or Relaying, etc.

Section No. 57. Whenever it becomes necessary to cut, move, change, or reconstruct any surface, subsurface or overhead structures, or connections therewith, such work shall be done according to the reasonable satisfaction of the owners of such structures.

Reasonable Dispatch.

Section No. 58. All work of reconstruction or alteration shall be done with reasonable dispatch, and facilities are to be provided so that said work will interfere as little as possible with the practical working and use of such structures.

Maintenance, Support, etc.

Section No. 59. The Contractor shall at all times, by suitable bridging or other supports, maintain and support in an entirely safe condition for the usual service and to the reasonable satisfaction of the owners, all surface, subsurface and overhead structures and all their appurtenances encountered or affected during the prosecution of his work; if the maintenance of such usual service makes it necessary, the Contractor shall temporarily remove and relay or reconstruct any such surface, subsurface and overhead structure and shall restore the same prior to the completion of this contract. Also, in order that access may be had in emergencies to gates or valves on water or gas mains and to electric manholes, where such gates or valves and manholes are decked over, trap doors of a suitable size shall be provided in the decking. All surface, subsurface and overhead structures and appurtenances, and all surfaces of whatever character along the line of the work shall be protected from injury, but should any injury occur the Contractor shall fully restore such surface, subsurface or overhead structures and their appurtenances or surfaces to as good a condition as existed before the injury was done. All the above, including also all changes of surface, subsurface or overhead structures and their appurtenances made by the Contractor for his own convenience in executing his work, shall be done at the Contractor's own expense and included in the prices stipulated in the Schedule for excavation except as otherwise herein specifically provided.

Necessary Permanent Changes of Pipes.

Section No. 60. Changes of water, gas, steam or other scheduled pipes, all their service connections and all other appurtenances of whatever character made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction of such scheduled pipes, all their service connections and all other appurtenances of whatever character in other than the original position, will be paid for at the prices stipulated in Schedule Items 79, 82, 84, 87, 88, 90 to 98, and 99-C, and Items 102 to 104, and Items 121, 122 and 125. In addition to the above scheduled pipes, Supplementary Drawing No. E. 15 exhibits certain high pressure water mains and appurtenances to be laid, which it is expected the Department of Water Supply, Gas and Electricity will place under contract. The maintenance of such high pressure mains if and when laid is to be as provided for in Section No. 59; any changes made necessary because of physical interference with the railroad structure requiring the removal, relaying or reconstruction of such high pressure mains and their appurtenances in other than their original positions will be paid for as provided in this section. These prices are per lineal foot of such scheduled pipes laid including the removal, relaying or reconstruction of all their service connections, all other appurtenances of whatever character and all other work, labor and material incidental thereto; and no other allowance will be made therefor under any other Schedule Item or otherwise; excepting that:

Payment for New Pipes.

(1) If new pipes have to be provided to take the place of such scheduled pipes, and are ordered by the Engineer, such new pipes will be paid for in addition to the price paid for laying, etc., at the prices stipulated in Schedule Items 100, 100-A, 101 and 101-A, Items 107, 108, and Items 123, 124 and 126, which prices are to cover the cost of the new pipes actually used as measured in place in the work, and the removal and disposal of the old pipes. This does not relieve the Contractor, however, of his obligation to preserve all pipe that is in good condition and can be reclaimed and used, in order to avoid the necessity whenever possible of providing new pipe.

(2) If such scheduled pipes in their new locations are outside of the ordered net lines for excavation for the railroad structure, necessitating additional excavation and restoration of street surface, such excavation will be paid for at the prices stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92) and such restoration of street surface will be paid for at the prices stipulated in Items 30 (a), (e), (f) and (g). Any additional excavation and restoration of street surface, outside of the ordered outlines for excavation,

necessitated for service connections and for other appurtenance will not be measured and paid for separately, but the above prices covering similar work for schedule pipes will include the payment for such work.

Measurements in Pipe Excavations.

Section No. 61. In the estimate and payment for earth excavation for pipe laying, allowance will be made for a width of trench two (2) feet wider than the interior diameter of the pipe and a depth six (6) inches deeper than the inner diameter of the pipe, measured from the surface of the street on the line of the trench. Where, in the opinion of the Engineer, the trench for laying pipes thirty (30) inches or more in diameter requires to be close sheeted, allowance will be made in the estimate for payment for earth excavation for a width of trench three (3) feet wider than the interior diameter of the pipe, when the trench is so sheeted.

For the building of valve chambers and other structures and for the setting of valves, valve boxes and hydrants, the total excavation to be allowed will be that within vertical planes one foot outside of the outside lines of such structures, valves, valve boxes or hydrants, the depth being taken as the distance from the street surface to the lowest part of the structure or appurtenance.

At the intersection of two trenches or at the intersection of a pipe or other trench with an excavation made by the Contractor under orders from the Engineer, for any purpose whatsoever, the cubical contents of the intersection will be allowed only once. Under no circumstances will a double allowance be made for any excavation.

In the measurement for rock excavation for pipe laying, allowance will be made for a width of trench two (2) feet wider than the interior diameter of the pipe; allowance for the depth of trench will be eight (8) inches deeper than the outside of the barrel of 20-inch or smaller pipe and twelve (12) inches deeper than the outside of the barrel of pipe of larger diameter, measured from the surface of the rock on the line of the trench. No additional allowance will be made for the removal of rock under the bells to give the required clearance.

For building of valve chambers and other structures and for the setting of valves, valve boxes and hydrants, the total amount of rock excavation to be allowed will be the same as specified for earth excavation, except that the depth will be taken as the distance from the surface of the rock to the lowest part of the structure or appurtenance.

Necessary Permanent Changes of Electric Conduits and Ducts.

Section No. 62. Changes of electric conduits or ducts and their appurtenances found in the streets (other than street railway ducts, payment for which is provided for in Schedule Item 75), made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction in other than the original position, will be paid for at the prices stipulated in Schedule Items 127, 127-A, 127-B. The price per duct foot, as provided in Schedule Items 127 and 127-B, are to include the cost of all ducts in place (except wrought iron pipe used as ducts); of all manholes, vaults, service boxes and their appurtenances; of drawing cables and providing new cables where necessary; of the proper restoration of all services that may be affected by the changes in the duct lines, of such excavation and restoration of street surface as may be necessitated by the changes in the duct lines, and all other work, labor and material incidental to and necessary for the completed duct lines; and no other allowance will be made therefor under any other Schedule Item or otherwise. Wrought iron pipe used as ducts (including Edison tube mains) will be paid for at the prices stipulated in Schedule Item 127-A, which prices are to include all the work specified under Item 127 and 127-B.

Maintenance of Railroads.

Section No. 63. The Contractor shall maintain and support, in a manner that will cause the minimum interference with traffic, all surface railroads along the line of or crossing the line of the work.

Surface Railroads.

The Contractor shall maintain and support, both temporarily and permanently, in a safe condition all street surface railroads, including steam railroads, ducts, cables and all other appurtenances of such railroads; he shall rebuild either in their original or in new locations all parts of such surface railroads, including ducts, cables and all other appurtenances of such railroads, whose reconstruction or rebuilding may be necessitated by the construction of the work. Payment therefor (including the cost of such work in the cases of on and off line sewer trenches) will be at the rates specified in Schedule Item 75, which prices will include the cost of all work, labor and material incidental thereto, and no other allowance will be made therefor under any other Schedule Item or otherwise. Where permanent masonry supports are required and added, and where additional vaults in excess of the number existing are required and constructed to give equivalent facilities, they will be paid for at the prices given in the Schedule for the several classes of work or material applicable thereto.

Facilities to be Given to Make Extensions.

Section No. 64. In the event of the owners or the City desiring to make any addition, alteration or extension to their structures, or do any work to or in connection with surface, subsurface or overhead structures owned by them or it, or to lay any new structure in or across a street occupied by the Works, at the time the work under this contract is in progress, the Contractor, by written permission, shall give said owners or the City all reasonable opportunity to perform such work; provided such work or alteration for the benefit solely of the owners of subsurface structures does not cause the Contractor any serious loss or delay, as shall be determined by the Commission. The written permission from the Contractor, with three prints of plans or sketches, or a description indicating the proposed work in detail, shall be submitted to and approved by the Engineer before any work shall be proceeded with under such written permission.

5.

EXCAVATION.

Width of Excavation.

Section No. 65. Special care must be taken to avoid damage wherever excavation under cover is being done or where open excavation is permitted. The width of such excavation shall not exceed the width actually necessary, in the opinion of the Engineer, for the proper prosecution of the work. All excavations shall be of such width, in addition to that of the Railroad, as shall be necessary, in the opinion of the Engineer, for the proper and expeditious progress of the work, and to permit the laying and readjusting of all sewers, mains, subways and other sub-surface structures, encountered along the route and contiguous to the Railroad.

Depth of Trenches.

Section No. 66. Trenches shall be excavated to such depth, both in soft ground and in rock, as may be necessary to permit the laying of such concrete bed, special foundation or drain pipes as may be deemed necessary by the Engineer.

Sides to be Secured.

Section No. 67. The sides of the excavations shall be secured against slips by suitable sheet piling or sheeting, held in place by braces, shores or walling timbers, special precautions being taken where there is additional pressure, due to the presence of buildings or other structures. Where a movement of the ground might cause the settlement of an adjacent building, the sheeting must be started, if near the building, before the elevation of the bottom of the foundation of the building is reached; if away from the building, at such depth of the excavation as the Engineer may permit; and the excavation must not be made in advance of or below the bottom of the sheeting.

Filling Back of Sheeting.

Section No. 68. Sheeting shall be driven wherever possible, but when it is placed against the sides of the excavation, the spaces or voids back of the sheeting must be immediately and carefully filled with suitable material to prevent as far as possible the natural ground back of the sheeting from moving.

Buildings Underpinned Within Certain Limits.

Section No. 69.

(1) Except for special reasons which the Engineer shall approve, the Contractor, in accordance with Section No. 67, shall secure buildings adjacent to the excavation which are supported on firm soils when a slope represented by 1 foot vertical to 2 feet horizontal, inclined downward from the bottom outer edge of the building foundation, intersects or passes beneath the bottom outer edge of the completed subway structure; or

Defined.

(2) When necessary to secure adjacent buildings or to prevent bringing an unusual pressure on the structure when completed, the Contractor shall safely and permanently underpin adjacent buildings the foundations of which are above the bottom of the adjacent subway excavation. By underpinning is meant such method of construction as will transmit the foundation loads directly through the underpinning structure to such lower level as is necessary to secure the buildings and relieve the adjacent ground from unusual lateral pressures which might endanger the safety of the subway structure when completed. The underpinning shall be designed to furnish a safe and permanent support for each independent building. To accomplish this result, the Contractor shall use such methods of underpinning, pneumatic or otherwise, as special conditions may require and the Engineer shall approve; or

Securing Other Than Underpinning.

(3) In firm soils, the Contractor may in lieu of underpinning construct such form of permanent construction, subject to the approval of the Engineer, as may be necessary to maintain, protect and sure the adjacent buildings against displacements, provided the safety of the completed structure will not be endangered by unusual pressures from such adjacent buildings.

Before the work is proceeded with, the Contractor shall submit to the Engineer drawings in duplicate indicating the proposed typical and special methods of underpinning; or of maintaining, protecting and securing the adjacent buildings.

Payment for.

Section No. 70. When underpinning of a building is necessary and the work is done as provided in (2) of Section No. 69, payment will be made to the Contractor as, and at the prices provided in Schedule Item 4; when a building is maintained, protected and secured as provided in (3) of Section No. 69, payment will be made to the Contractor as, and at the price, provided in Schedule Item 4-E; and when a building is secured as provided in (1) of Section No. 69, payment for the work shall be deemed to be included in the prices stipulated in the Schedule for excavation, as provided in Section No. 92. These prices, Items 4 and 4-E, are per lineal front foot of building underpinned or maintained, protected and secured. The lineal front foot measurement does not mean the perimeter measurement of a building front, along the lines of stoops, bay windows, etc., but the straight front measured along the line parallel to the street building line. Where the subway excavation projects into a transverse street, as at stations, and it is necessary to underpin or to maintain, protect and secure a building, the lineal front foot measurement will be increased by the measurement in such transverse street within the limits of the subway. The prices are to include the payment for all work, labor and material of whatever nature required in connection with underpinning or with maintaining, protecting and securing the building proper, such as side walls, both interior and along transverse (except as noted above) streets; partition walls, both parallel and perpendicular to the building front; interior columns and any other work which may be required, and no other allowance will be made therefor under any other Schedule Item or otherwise. But the price is not to include the payment for underpinning or for maintaining, protecting and securing vaults, area ways, retaining walls, stoops or porches, the payment for such work, when required, shall be deemed included in the prices for excavation, Schedule Items 1 and 3. If ordered by the Engineer, the Contractor shall dig test pits alongside the building foundations to determine the necessity for underpinning or for maintaining, protecting and securing a building. Payment for such test pits will be made to the Contractor as and at the price provided in Schedule Item 2-A.

Sheeting.

Section No. 71. No payment shall be made to the Contractor for sheeting left in the ground or in the work, unless the Engineer shall in writing require it to be left in, in which case payment shall be made to the Contractor for the sheeting so left in as measured by the Engineer, and at one-half the current market price for new material of the same grade, character and dimensions, and without any allowance or payment for placing the same or the expense thereof. This section applies only to the sheeting in trench work.

Timber for Temporary Purposes.

Section No. 72. All timber used for sheeting, shoring, bracing, decking or other temporary purposes, shall be sound and free from any defects that may impair its strength. It shall be provided, placed and removed at the Contractor's own cost and expense. The top or wearing surface of all decking used for carriageways shall be of hard yellow pine (unless otherwise permitted), sound, straight, and free from all shakes, and large loose knots. All sheeting and timber used temporarily shall be put in place by skilled mechanics, keyed tight by wedges where necessary, and so arranged as to be withdrawn readily without endangering the adjoining soil.

Vaults of Abutting Property.

Section No. 73. The cost of the removal, where necessary, of all walls or other parts of vaults of abutting property along the line of the Railroad that are within the ordered net lines of excavation is to be included in earth excavation as provided in Section No. 87, but the restoration of all such walls or other parts of vaults originally within the ordered net lines of excavation, when susceptible of classification, will be paid for at the unit prices specified in the Schedule applicable to the several classes of work and material involved in such restoration; or when not susceptible of classification such work will be paid for under Article XII.

The above is not to be construed, however, as applicable to any work beyond the ordered net lines of excavation, which shall be done at the Contractor's own cost and expense.

Vaults Disturbed.

Section No. 74. Wherever vaults of abutting property are broken through or otherwise disturbed, the Contractor shall at his own cost and expense erect a six-inch hollow tile wall laid in Portland cement mortar, as a temporary partition on or about the building line, or as directed, that will afford proper protection to the owner or occupant of the adjoining premises.

Rock.

Section No. 75. Ledge rock in place, and boulders within the ordered net lines of excavation whose volume is half a cubic yard or more each, will be considered as rock excavation.

Preparations for Rock Measurement.

Section No. 76. Whenever rock is encountered in the trench, it shall be stripped of earth in sections of not less than twenty (20) feet in length, and the engineer in charge shall be duly notified in order that he may measure or cross-section the same.

Blasting.

Section No. 77. Whenever rock or material requiring blasting is encountered in any trench or tunnel, all necessary precautions must be exercised by the Contractor, as required by the ordinances of the City relative to blasting. Explosives shall be used only of such character and strength as may be permitted by the Commission, and the right is reserved for the Engineer to direct that in special cases ordinary blasting powder only, in small charges, shall be used. Blasting shall not be done between the hours of 11 p. m. and 7 a. m. without the express permission of the Engineer, and under such restrictions as he may impose.

Storage of Explosives.

Section No. 78. No larger quantity of explosives shall be kept on the line of the work than will be actually required for the twelve (12) hours of work next ensuing, and it shall be kept under lock, the key to which is to be only in the hands of the foreman or other equally trustworthy person. The amount of explosives kept in any one place shall not exceed the limit permitted by any ordinance of the City, or as may be determined by the Commission. Caps and exploders shall not be kept in the same place with dynamite and other explosives. During freezing weather, special precautions shall be taken as to the care and manipulation of dynamite.

Near Pipes and Mains.

Section No. 79. Whenever any pipe or main is encountered in or alongside of the trench, right is reserved to direct that all rock within five (5) feet of the same shall be removed by means other than blasting.

General Precautions in Blasting.

Section No. 80. In rock excavation in the trenches for the Railroad the work must be regulated so as to avoid, as far as possible, shattering the rock beyond the ordered net lines of excavation. But, on account of the impracticability of excavating rock to an exact line, an allowance will be made to the Contractor for excess excavation in rock on the sides of the trench, as provided in Section No. 88.

Concrete Packing.

Section No. 81. In rock excavation in trench, when the rock is shattered beyond the ordered net lines of excavation, the concrete on the sides of the structure shall be rammed to the rock. Such concrete will be measured at an allowed thickness of six (6) inches outside of the ordered net lines of excavation, and will be paid for at such thickness at the price stipulated in Schedule Item 7. Any concrete outside of such six (6) inch allowed thickness shall be provided and placed at the Contractor's own expense.

Close Drilling.

Section No. 82. Generally the central portion of the excavation must, when directed by the Engineer, be kept some distance in advance of the excavation near

the sides, and if the rock, owing to its general character and structure, has a tendency to break large, or the strike and dip of the stratification indicate a liability to slip or slide into the excavation, the Contractor must place the drill holes at close intervals on the established lines for excavation, in order to avoid excessive excavation and to preserve the established lines thereof.

Pumping.

Section No. 83. Whenever water is encountered in trenches, the same shall be removed by bailing or pumping, great care being taken when pumping that the surrounding particles of soil be not disturbed or removed. If necessary to prevent such disturbance, the pumping must be done by a series of driven wells whose points are protected by fine wire cloths, the rate of flow at each well being made so slow as not to remove the particles of soil; or the pumping must be done by other means approved by the Engineer. The delivery from all pumps shall be conducted into the adjacent sewers, and the delivery pipes shall be so arranged as to be readily inspected at all times to ascertain if the water is free from particles of soil.

Carts to be Tight.

Section No. 84. All carts, buckets or other vehicles used by the Contractor for the removal of material shall be tight and so arranged and so loaded as not to spill over. Whenever a cart, bucket or other vehicle so used is leaky or unsuitable, it shall be immediately withdrawn from the work on notification by the Engineer, or his duly qualified assistant, in charge of that portion of the work.

Removed Expeditiously.

Section No. 85. Excavated material shall be removed expeditiously and disposed of, in any place selected by the Contractor, subject to the ordinances and regulations of the City authorities governing the disposal of such material, and the regulations of the United States Government as to the disposal or dumping of material in and about or near the Harbor of New York.

When Excavated Material May be Taken by City.

Section No. 86. If at any time during the course of construction the City shall desire for city purposes any part of the material excavated, and the cost of such disposal shall not exceed the cost to the Contractor of the method in which he is then disposing of it, the Commission may order such material dumped or turned over to the City at a point designated without cost to the City.

Earth Excavation, Definition of.

Section No. 87. Earth excavation includes the excavation of all materials of whatever nature encountered in the trenches, excepting ledge rock in place and boulders whose volume is half a cubic yard or more each.

Excavation in Trenches, How Measured.

Section No. 88. The net outside width of the railroad structure, as ordered and indicated on the plans, and the depth, also as ordered and as indicated on the plans, are the ordered net lines of excavation and will govern as to width and depth in the measurements for payment for excavation; except that when rock is encountered, because of the impracticability of excavating to an exact line, an excess excavation on the sides of the trench will be measured at an allowed width of six (6) inches outside of the ordered net lines of excavation and below the top surface of the rock. No excess rock excavation will be allowed below the ordered net line of excavation at the bottom of the trench; except that rock cores, such as island platforms, required to be left within the limits of the excavation will be measured with side slopes of one-half (½) horizontal to one (1) vertical. No deduction from the volume of excavation determined by the ordered net lines of excavation, will be made on account of vault space or spaces occupied by pipes and other subsurface structures.

No Allowance Outside of Ordered Net Lines.

Section No. 89. There will be no measurement or allowance made nor money paid for excavation outside (below or wider than) the net measurement lines or excess rock excavation lines, as above indicated, and no allowance shall be made for any excess excavation caused by slips or slides. It is understood and agreed that for all such matters the Contractor has estimated and allowed in the unit prices of the Schedule.

Change of Street Grade.

Section No. 90. When ordered by the Engineer or when the contract drawings indicate that the grade of any street, park or parkway is to be raised the Contractor shall fill in such places to the changed grade as required and such work shall be measured and paid for at the price stipulated for earth excavation, Schedule Item 1.

Payment for Excavation.

Section No. 91. Excavation shall be paid for at the price or prices given in Schedule Item 1 for excavation in earth and Item 3 for excavation in rock.

Prices for Excavation to Include.

Section No. 92. The prices herein stipulated for excavation, Schedule Items 1 and 3 are to include the cost of the disposal of the materials excavated, of backfilling, of all decking and bridging, of all sheeting and bracing, and of maintaining and supporting of trenches during and after excavation, of all pumping or bailing, and of the maintenance and support, with all incidental work, labor and material of any kind, of all surface, subsurface and overhead structures and surfaces of whatever nature and their appurtenances, payment for the maintenance and support of which is not herein elsewhere *specifically* provided for under other Schedule Items or otherwise.

BACKFILLING.

Quality of Material—How Placed.

Section No. 93. The trenches at the sides of and over the top of the subway and wherever backfilling is necessary shall be backfilled with sand, gravel or other good clean earth, free from perishable material and from stones exceeding six (6) inches in diameter, and not containing in any place a proportion of stone of or below that size exceeding one (1) part of stone to five (5) parts of earth. The filling shall be compacted by flooding with water or, in cases where flooding with water is not practicable, it shall be compacted by ramming in layers, not exceeding six (6) inches in depth. In rock excavation in trench, where the rock is shattered beyond the established line of excavation, concrete packing shall be provided in accordance with Section No. 81.

Subsurface Structures—Frozen Material Not Permitted.

Section No. 94. Whenever pipes, sewers, or other subsurface structures are met with, the filling must be carefully packed, rammed and tamped under and about such subsurface structures, using special tools for the purpose. No filling of trenches with frozen earth will in any case be permitted, nor will any filling be permitted over frozen material.

Sheeting Removed.

Section No. 95. As fast as the work of filling permits, sheeting and other timber supporting the sides of the excavation shall be carefully withdrawn, and the spaces left by the removal of such material carefully backfilled, but if directed by the Engineer, the sheeting shall be left in place.

How Paid For.

Section No. 96. The cost of backfilling is to be included in the prices paid for earth and rock excavation, Schedule Items 1, 2-A, 3 and 3-A.

7.

PILING AND TIMBERING.

Character of Piles.

Section No. 97. If in the judgment of the Engineer the ground is of such a character as to require piling, the Contractor shall drive such piles as the Engineer directs. The piles shall be of good, sound pine or spruce, or other acceptable timber, straight and free from shakes; they shall be not less than twelve (12) inches in diameter at the butt end, or less than six (6) inches in diameter at the point, and shall be driven to the satisfaction of the Engineer and by means of a steam hammer driver if so required by him. If necessary, the points of the piles shall be protected by proper shoes, and the butts by rings or caps. Piles shall not be spliced unless permitted by the Engineer, and then in such manner as he directs. Piles shall be carefully cut off to the grade given by the Engineer.

Piles Driven in Required Location.

Section No. 98. Piles shall be driven in the position and manner and to the depth ordered; if driven in a wrong position or injured in any way by driving they must be withdrawn and replaced by others. After being driven they shall be cut off to a true plane for proper adjustment with capping timber or masonry.

Payment for Timber Piles.

Section No. 99. The price herein stipulated to be paid, per lineal foot of timber piles, Schedule Item 12, is to cover the cost of furnishing, driving and preparing the piles ready for the capping timbers or masonry, and the portion cut off and removed will not be included in the length measured for payment. No test piles, guide piles, or piles other than those that are a part of the finished foundation and are included within the net width of the finished foundation will be paid for.

Concrete Piles.

Section No. 100. If in the judgment of the Engineer special conditions so require, piles of reinforced concrete of an approved form of construction shall be used.

Payment for Piles Other than Timber Piles.

Section No. 101. Payment for piles other than timber piles will be as provided in Article XII. of the contract.

Grillage.

Section No. 102. Timber grillage foundations shall be built if so directed by the Engineer.

Foundation Timber.

Section No. 103. All foundation timber shall be of pine or spruce, or other timber permitted by the Engineer, sound and free from shakes. It shall be of such dimensions, and laid in such manner, as the special plans to be issued shall require, and held in place by bolts, spikes or good seasoned oak or locust treenails.

Foundation Timber, Measurement and Payment.

Section No. 104. No wastage is to be allowed for, and the estimate of the quantities of foundation timber used will be based on the amount ordered by the Engineer and placed according to his directions. Payment for foundation timber will be as provided in Schedule Item 13.

8

CEMENT.

Portland Cement.

Section No. 105. All cement used in the work shall be true Portland cement, by which is meant the finely pulverized product. resulting from the calcination to incipient fusion of a properly proportioned intimate mixture of argillaceous and calcareous earths or rocks. to which no addition greater than three (3) per cent. has been made subsequent to calcination.

Brand to be Approved.

Section No. 106. Before any cement is furnished, the brand shall receive the approval of the Engineer. Cement, to be acceptable, shall be of a well-known brand which has been in successful use for large engineering works in America for at least five (5) years, and which has an established reputation for uniform character. Preference will be given to cements which, by their records, show a tendency to maintain high strength of mortar with increased age.

Inspection.

Section No. 107. Cement shall be subject to inspection at the place of manufacture or on the work, and to such tests as may be ordered by the Engineer. The Engineer or his representatives shall have access at all times and places to inspect the methods of manufacture, storage and protection, and shall have liberty to inspect the daily laboratory records of tests and analyses at the cement works.

Tests.

Section No. 108. In general, tests will conform to the methods recommended by the Committee on Uniform Tests of Cement of the American Society of Civil Engineers. Unless otherwise directed, samples will be taken at the place of manufacture by a representative of the Engineer, and sent to the Commission's laboratory, where the tests will be made. If required, tests will be made on the individual samples, without intermixing.

Specific Gravity and Color.

Section No. 109. The cement shall have a specific gravity of not less than 3.10 nor more than 3.25 after being thoroughly dried at a temperature of 212 degrees Fahr. The color shall be uniform, bluish gray, free from yellow or brown particles.

Chemical Analysis.

Section No. 110. Chemical analyses of cement made from time to time shall show a reasonably uniform composition. Cement shall not contain more than 1.75 per cent. of sulphuric anhydride (SO_3) nor more than 4 per cent. of magnesia (MgO).

Fineness.

Section No. 111. The fineness of the cement shall be such that it shall leave by weight a residue of not more than eight (8) per cent. on a No. 100, and not more than twenty-five (25) per cent. on a No. 200 sieve; the wires of the sieves being respectively 0.0045 and 0.0024 inch in diameter.

Time of Setting.

Section No. 112. It shall not develop initial set in less than thirty (30) minutes unless a more quickly-setting cement is specifically required, and shall develop hard set in not less than one (1) hour nor more than ten (10) hours.

Soundness.

Section No. 113. Pats of neat cement, after remaining one (1) day in moist air, shall be kept in air or water of normal temperature for at least twenty-eight (28) days, or shall be exposed to an atmosphere of steam, above boiling water, in a loosely closed vessel for at least five (5) hours; and the separate parts under any of these conditions shall remain hard without any indications of checking, cracking, distortion, disintegration or blotching.

Tensile Strength.

Section No. 114. Neat cement briquettes shall have at the end of one (1) day in moist air a breaking strength, per square inch of sectional area, of not less than one hundred and fifty (150) lbs.; at the end of seven (7) days—one (1) day in air, six (6) days in water—of not less than five hundred (500) lbs.; and at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than six hundred (600) lbs. The strength at twenty-eight (28) days shall not be less than at seven (7) days.

Mortar Briquettes.

Mortar briquettes, composed of one (1) part of cement and three (3) parts of standard Ottawa sand, by weight, shall have at the end of seven (7) days—one (1) day in air, six (6) days in water—a breaking strength, per square inch of sectional area, of not less than two hundred (200) lbs.; and at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than three hundred (300) lbs. The strength at twenty-eight (28) days shall show an increase of not less than fifty (50) lbs. over the strength at seven (7) days.

Long-time Tests.

Section No. 115. Tests will be made from time to time extending over longer periods than twenty-eight (28) days. If such tests show a tendency to unsoundness or unusual reduction in strength with increased age, the Engineer shall have the right to prohibit the further use of that brand and to require that another brand be substituted.

Storage During Tests.

Section No. 116. All cement shall be held in storage to allow ample time for tests to be made before the cement is required for use in the work.

How Contained.

Section No. 117. Cement shall be packed and delivered in canvas sacks or other strong, well-made packages, plainly marked with the manufacturer's brand, and sealed in an approved manner. The weights of such packages shall be uniform.

Methods of Storing.

Section No. 118. The Contractor shall at all times keep in store on the work, or at some point convenient thereto, an abundant supply of cement, so as to guard against possible shortage. It shall be stored in a weather-tight building, with a tight floor a proper distance above the ground, and with sufficient floor space to admit of storing each lot of cement, of not more than two hundred (200) barrels, or its equivalent, separately, so as to facilitate identification of each individual lot in case of necessity for further tests or rejection. Cement that has become partially set or otherwise damaged shall not be used.

9.

MORTAR.

Cement and Sand—Mixing.

Section No. 119. All mortar shall be prepared from accepted cement and clean, sharp sand, approved by the Engineer. These ingredients shall be thoroughly mixed dry in the proportions as specified below; water shall then be added, so as to produce a stiff paste. Water used in mortar, grout or concrete must be clean, fresh water, no salt water being permitted. The mortar shall be freshly mixed for the work on hand, in proper boxes made for that purpose, and no mortar shall be used that has stood beyond such limit of time as may be determined by the Engineer.

How Measured.

Section No. 120. For purposes of mixture, three hundred and seventy-five (375) pounds of Portland cement shall be estimated at three and one-half (3½) cubic

feet of volume. The proportional parts of sand and stone or gravel shall be by volume as cast into the measuring box. The proportions for brick and stone masonry shall be one (1) part cement to two (2) parts sand; for pointing, one (1) part cement and one (1) part sand; for concrete masonry, as specified under the head of concrete; and for other classes of work, as directed by the Engineer.

Grout.

Section No. 121. If required by the Engineer, a grout, consisting of one (1) part fine, clean and sharp sand and one (1) part of Portland cement, shall be pumped in under pressure, so as to completely fill all the voids in or behind the masonry.

Payment for Grout.

Section No. 122. Where grout is ordered and used, it shall be paid for at the price herein provided, Schedule Item 11.

10.

MASONRY.

Laid in Portland Cement.

Section No. 123. All masonry, except as otherwise specified, shall be laid in Portland cement mortar, and shall be built of the forms and dimensions shown on the plans, or as directed by the Engineer from time to time; and the system of joining or bonding ordered by the Engineer shall be strictly followed.

Water Not to Interfere With.

Section No. 124. Care must be taken that no water shall interfere with the proper laying of masonry in any of its parts.

Freezing Weather.

Section No. 125. During freezing weather no masonry shall be built unless properly protected against frost, and masonry shall not be built in exposed places where in the opinion of the Engineer it is impracticable to give such protection. During freezing weather or when there is frost in the materials to be used in the masonry, the materials shall be heated. The Contractor shall provide such appliances, subject to the approval of the Engineer, as are necessary for the heating of the sand, stone and other materials.

Protected in Freezing Weather.

Section No. 126. During freezing weather all masonry shall be protected by a suitable covering of salt hay, canvas, tarpaulin or by such material or in such ways as may be necessary to insure it against freezing.

Hot Weather.

Section No. 127. During hot weather all masonry, especially concrete, shall be kept wet by sprinkling and properly covered until it has become thoroughly set and hardened.

Pointing.

Section No. 128. Unless otherwise permitted, every joint that is to be pointed shall be raked out, within two days after being laid, to a depth of at least two inches.

Mortar for Pointing.

Section No. 129. Pointing of the face joints of masonry shall be thoroughly made with cement mortar mixed in the proportion of one (1) part of cement to one (1) part of sand, except where otherwise specially provided.

Season, for Pointing.

Section No. 130. No pointing shall be done in freezing weather, and masonry laid between December 1 and April 1 shall not be pointed until permitted by the Engineer.

Defective Masonry.

Section No. 131. Any masonry which is found to be defective from any cause whatsoever, before the final completion and acceptance of the work, must be removed and properly rebuilt, or if damaged during such time must be properly repaired.

Stone Cleaned.

Section No. 132. All stone before being laid shall be thoroughly cleaned, and washed if so directed by the Engineer.

11.

CONCRETE.

How Composed.

Section No. 133. The concrete shall be composed of gravel or broken stone, or a mixture of both, free from all dust and dirt, and mixed together with the proportion of mortar specified below. The water used in mixing concrete must be clean fresh water, no salt water being permitted.

Sand.

Section No. 134. Sand for concrete shall be of the kind herein specified for mortar.

Stone.

Section No. 135. Stone for concrete shall be sound, clean gravel, or sound, hard, broken limestone, or trap rock, or a mixture of such gravel and broken stone may be used.

Sizes of Stone.

Section No. 136. Broken stone or gravel for concrete shall be graded from fine to coarse, and that which is all of one size, or practically so, shall not be used. It shall be screened or washed so as to remove all dust, and it shall contain no pieces that will pass through a hole three-eighths (⅜) inch in diameter, and no pieces that will not pass through a hole one and one-half (1½) inches in diameter. Broken stone or gravel for concrete, graded as above, but between three-eighths (⅜) and three-fourths (¾) inch in diameter, may be required and used in special parts of the work.

Rubble Concrete.

Section No. 137. In concrete where the thickness is thirty (30) inches or more, if permitted by the Engineer, the Contractor may imbed in the same pieces of clean, sound stone whose greatest diameter does not exceed twelve (12) inches and whose least diameter or thickness is not less than three-quarters (¾) of the greatest diameter. These stones shall be set by hand in the concrete as the layers are being rammed, and so placed that each stone is completely and perfectly imbedded. No two (2) stones shall be within six (6) inches of each other and no stones within four (4) inches of an exposed face, nor shall any such stone be placed nearer than six (6) inches to any metal built in the concrete for reinforcing the same.

Proportions.

Section No. 138. The proportions of cement, sand and stone (or gravel) used in making concrete shall be as follows:

Section No. 139. Concrete in floor, sidewalls and roof one (1) part of cement, two (2) parts of sand and four (4) parts of stone.

Section No. 140. Protective concrete outside of waterproofing lines on sides and roof, one (1) part of cement, four (4) parts of sand and eight (8) parts of stone.

Mixing by Machine.

Section No. 141. Whenever practicable, concrete shall be machine mixed. A rotary machine of a pattern approved by the Engineer, and mixing only one batch at a time, shall be used. Concrete shall not be mixed on the street surface on the line of work, unless specifically permitted.

Mixing by Hand.

Section No. 142. When concrete is mixed by hand the stone or gravel shall be spread on a platform in a bed about six (6) inches thick, and shall be thoroughly wet. Sand shall be spread on a platform and the requisite portion of cement spread on the sand. After thoroughly mixing the latter, the dry mixture thus formed shall be spread evenly over the bed of stone wet as above, and the whole turned over until thoroughly mixed, but not less than two (2) turnings on the mixing board shall be allowed in any case, water being added as necessary. Care shall be taken to keep the bed of concrete wet and avoid piling.

How Laid.

Section No. 143. Concrete shall be placed immediately after mixing in layers of such thickness as may be directed by the Engineer, and shall be thoroughly compacted throughout the mass by ramming or spading, special tamping bars or tools being used as approved by the Engineer. The amount of water used in making the concrete shall be as approved by the Engineer. If a small amount of water has been used in mixing, ramming shall be continued until the water flushes to the surface; as a rule, however, concrete shall be placed wet.

Made Smooth to Receive Waterproofing.

Section No. 144. Concrete to which waterproofing is to be applied shall be made smooth at the time of laying and shall be carefully protected from injury by barricades or otherwise, if necessary until thoroughly set.

Time for Hardening.

Section No. 145. Concrete shall be allowed to set for twelve (12) hours, or more, if so directed, before any work shall be laid upon it; and no walking over or working upon it shall be allowed while it is setting. Concrete shall not be flooded with water before being thoroughly set.

Rock Surface to be Cleaned.

Section No. 146. Before laying concrete on rock surfaces the latter shall be swept clean of all debris and dirt, and when laid on earth the earth shall be rammed as directed before placing the concrete.

Surface Rough for Bonding.

Section No. 147. Wherever a section of concrete is necessarily left unfinished, leaving a surface which will be hard set before additional concrete can be laid, care shall be taken to flush the cement to such surface, and such dovetails or grooves shall be formed as may be necessary to insure a good bond with the new work; and if deemed necessary by the Engineer, the joints shall be reinforced with steel bars or dowels, to be furnished by the Contractor.

Joints Cleaned.

Section No. 148. In all cases of joints of old with new work the old surfaces shall be thoroughly cleaned and wet, and a coating of mortar or cement shall be applied, if required, before placing the concrete.

Forms.

Section No. 149. Suitable forms shall be provided by the Contractor to support the concrete while being placed in the walls or roofs. These forms shall be immediately replaced by new ones as soon as they commence to lose their proper shape. Before being used they shall be carefully cleaned of cement and dirt in order to provide a perfectly smooth face to the exposed surface of the concrete. The forms shall be made of wood, kept carefully planed; or made of metal sufficiently thick to retain their shape without the use of wood.

Certain Forms Not Permissible.

Section No. 150. No forms made of wood, and covered with iron, will be permitted.

Forms, How Made.

Section No. 151. The forms, if made of wood, shall be made of boards with tight joints, tongued and grooved if required by the Engineer.

Precautions in Placing.

Section No. 152. Every precaution shall be taken in placing or assembling the forms to do so in such a manner that when removed, after the concrete has been placed, the faces of the concrete that are to remain exposed shall present a smooth and even surface; except that at stations on the track ceilings and walls within the limits of the station finish work and the ceilings over the platforms, the concrete shall be left with a rough surface to insure a proper bond between the concrete and the station finish plaster to be applied under another contract. To obtain this rough concrete surface, the Contractor must provide such special forms as approved by the Engineer.

Forms, How Set—Forms Removed—Surface Irregularities Corrected—Defective Work Replaced.

Section No. 153. The forms shall be set true to line, firmly secured, and be so tight as not to allow water in the mortar to escape; they shall be thoroughly wet before placing the concrete and shall be removed as soon after the concrete has been placed as in the judgment of the Engineer may be done with safety to the work. Immediately on the removal thereof the faces that will remain exposed shall be carefully examined and any irregularities of the surface corrected; projections shall be removed and voids filled with mortar. If, however, the voids are such as to indicate an excessive loss of mortar, portions of the concrete shall be cut out to the fullness of such defects and the space refilled with a rich concrete or mortar in such proportions and in such manner as the Engineer may direct.

Reinforcement Steel.

Section No. 154. Where reinforcement steel or wire mesh is used, efficient means shall be provided to maintain it in the exact position it is to occupy in the completed work, and to prevent it from becoming dislodged, or moved in any manner, when concrete is placed.

Surfaces Not To Be Painted.

Section No. 155. The exposed faces of the concrete shall be left with the natural cement finish; therefore, immediately following the removal of the forms, followed by the removal of the projections and the filling of voids as provided above, these entire surfaces shall be rubbed down in such a manner, approved by the Engineer, as will leave a smooth and even surface, the object in view being to obtain a generally smooth finished surface with uniformity in color.

Within Station Limits.

The preceding paragraph does not apply within station limits.

Impervious to Water.

Section No. 156. It is intended to obtain concrete impervious to water; the concrete shall be mixed and deposited with this end in view, and on the roof of the Railroad, if waterproofing is not used, the top surface of the concrete shall be carefully troweled as may be directed in order to add to its imperviousness.

The surfaces of drip-pans under ventilating openings and other surfaces which require special provision for drainage shall be troweled.

Concrete, How Measured and Paid For.

Section No. 157. Concrete masonry shall be measured in place in the work to the prescribed net lines ordered by the Engineer and shall be paid for at the prices in Schedule Items 6 and 7; which prices are to include the cost of all scaffolding, centres, forms, etc., and removing the same, all troweling where required, and all other work, labor and material incidental thereto.

Backing or Filling Concrete Paid For.

Section No. 158. Concrete backing or filling outside of the ordered net lines of excavation will be paid for as provided in Section No. 81.

12.

BRICK MASONRY.

Quality.

Section No. 159. Bricks for masonry shall be of the best quality common bricks burned hard entirely through, regular and uniform in shape and size and of compact texture.

Hollow Terra Cotta Blocks.

Section No. 160. Hollow terra cotta blocks or bricks may be required on the outside of walls of the structure or at such other places as the Engineer may direct. They shall be of the best porous terra cotta as approved by the Engineer, and shall be of such thickness and shall be laid in such manner as hereinafter specified or as the Engineer may direct.

In Station.

Similar terra cotta blocks or bricks may be required in station work.

How Laid.

Section No. 161. All brick masonry shall be laid in mortar of the quality above described, except that in exposed locations coloring matter may be added, if required by the Engineer. The bricks shall be laid to line with joints in the face work not exceeding one-quarter (¼) of an inch in the beds, and three-eighths (⅜) of an inch on ends; the bricks to be thoroughly wet before laying and to be completely embedded in mortar under the bottom and on the sides and ends at one operation, care being taken to have every joint full of mortar.

All exterior surfaces shall be smooth and regular.

Cleaned.

Section No. 162. The inside faces of all arches and other exposed parts shall have all the mortar scraped off and washed clean immediately after the centres have been struck, and shall be pointed and left in neat condition.

No "Bats" or Culls.

Section No. 163. All bricks of whatever nature shall be carefully culled and if necessary gauged before laying, at the expense of the Contractor. No "bats" shall be used except in large masses of brickwork, where a moderate proportion, to be determined by the Engineer, may be used, but nothing smaller than half bricks.

Racked or Toothed.

Section No. 164. All unfinished work shall be racked back or toothed, as directed by the Engineer, and before new work is joined to it the faces of the brick in the old work must be scraped entirely clean, scrubbed with a stiff brush and be well moistened.

Special Bricks.

Section No. 165. Where necessary to make a neat joint in connection with steel framework, or at corners, curves, or other similar places, special bricks of proper shape shall be furnished and used. All centres and forms shall be made to fit the curves of the work; they shall be put up and removed in a manner satisfactory to the Engineer.

Measurements and Payments.

Section No. 166. Brick masonry shall be measured to the lines indicated and shown on the plans or as ordered by the Engineer and shall be paid for as herein stipulated in Schedule Item 9, for common brick masonry and Item 10 for hollow terra cotta brick or tile masonry of any thickness ordered; these prices are to include the cost of all scaffolding, forms, centres, etc., and the removal of the same, of all plastering and pointing and of all other work incidental thereto.

13.

STONE MASONRY.

Rubble Stone Masonry, Where Used.

Section No. 167. Rubble stone masonry will be used for supporting the street railroads over the roof of the Railroad where permanent supports are required, or at such other places as the Engineer may require.

How Laid.

Section No. 168. Rubble stone masonry shall be made of sound, clean stone of suitable size, quality and shape for the work in hand and shall be laid in mortar mixed in the proportion of one (1) part cement to three (3) parts of sand. All beds and joints shall be well filled with mortar and the work must be thoroughly bonded.

Dry Rubble Masonry.

Section No. 169. In connection with the construction of sewers, or wherever else directed by the Engineer, dry rubble masonry shall be used. It shall consist of sound, clean stone, not less than three inches thick and one cubic foot contents laid on natural beds and bonded to give greatest degree of strength, with such spalls as are required for leveling.

Measurements and Payments.

Section No. 170. Rubble stone masonry shall be measured in place in the work and to the lines ordered by the Engineer, and it shall be paid for as herein stipulated under Schedule Item 8, if with mortar, and under Item 8-A, if dry.

Other Masonry.

Section No. 171. In case, during the progress of the work, stone masonry of a different class than that specified above shall become necessary and shall be required by the Engineer, the same shall be constructed according to specifications applicable to the best work of such class, and it shall be paid for as provided in Article XII. of the contract.

14.

WATERPROOFING.

General Limits of Waterproofing.

Section No. 172. In general, waterproofing of the structure will be limited to over the roof between stations and to those surfaces near ground water or mean high water if ground water level is found for any reason to be below mean high water. At other places free drainage shall be provided by pipe drains, hollow tile or broken stone.

At Stations.

At stations the roof and sidewalls also shall be waterproofed.

Protecting Masonry.

Section No. 173. The protecting masonry shall be concrete, common bricks or hollow terra cotta blocks as directed, laid and paid for as herein elsewhere provided, and shall not be less than four inches in thickness.

Laid Against Sheeting.

Section No. 174. In places where permanent sheeting is placed at the waterproofing line, the waterproofing, if permitted by the Engineer, may be applied against the sheeting.

Surfaces to be Made Smooth.

Section No. 175. All surfaces to which waterproofing is to be applied shall be made as smooth as possible; on these surfaces there shall be spread either hot melted pitch or asphaltum in a thick layer of uniform thickness; on this layer of pitch or asphaltum shall be laid a treated woven fabric of such material as may be approved by the Engineer; this process shall be repeated until such number of layers as may be required by the Engineer have been placed and a final coat of pitch or asphaltum shall then be applied.

Definition of Term "Ply."

Section No. 176. The term "ply" as used in these specifications shall mean a layer of treated woven fabric, both sides of which shall be coated with pitch or asphaltum at the time of laying.

Number of Ply.

Section No. 177. The number of plies of waterproofing over the roof between stations shall in no case be less than three (3), except as hereinafter provided, where brick laid in asphalt mastic is used.

At Stations.

On the sidewalls at stations the same conditions as in the preceding paragraph shall apply.

Brick in Asphalt Mastic.

Section No. 178. On the sides and bottom of the structure below a line of two (2) feet above ground water, or, if ground water is below mean high water level, then two (2) feet above mean high water, one (1) ply of waterproofing, as described above, shall be used with one or more layers of brick laid in asphalt mastic; the number of layers of brick to be determined by the Engineer.

In any case where brick laid in asphalt mastic is not used, the number of plies shall be as local conditions require and as directed by the Engineer.

At Stations.

The requirements in the preceding paragraphs of this section likewise shall apply to the roof of the structure within station limits and over the tracks passing through the stations within said limits.

Quality of Brick.

Section No. 179. The quality of brick shall be the same as provided in the specifications under the head of Brick Masonry. The brick shall be properly dried and shall be heated before laying.

Measurements and Payments.

Section No. 180. Brick in asphalt mastic will be measured in place to the lines ordered by the Engineer, and will be paid for at the price herein stipulated, Schedule Item 16.

Ply Substitute for Brick in Asphalt.

Section No. 181. Six (6) plies of waterproofing may be substituted for brick in asphalt mastic, if approved by the Engineer, and will be paid for as provided for fabric waterproofing.

Asphalt Mastic.

Section No. 182. Asphalt mastic shall contain one-third (1-3) waterproofing asphalt, the other ingredients to be sand and limestone dust or sand and Portland cement, in proportions governed by local requirements and weather conditions. In melting and mixing the mastic on the work its temperature shall not exceed 350 degrees Fahrenheit. All packages containing asphalt shipped to the work must be distinctly labeled with the manufacturer's name and the brand or number of the mixture.

Leaks Stopped.

Section No. 183. Any masonry that is found to leak at any time prior to the completion of the work and final acceptance thereof by the Commission shall be cut out and the leak stopped, at the sole expense of the Contractor.

Quality of Pitch.

Section No. 184. Pitch shall consist of either coal-tar or asphalt as the Engineer shall elect; it must be delivered on the work in packages that are plainly marked with the manufacturer's brand, and indicating the grade and quality of the material.

Coal-tar Pitch.

Section No. 185. The coal-tar pitch shall be straight-run pitch containing not less than twenty-five (25%) per centum and not more than thirty-two (32%) per centum of free carbon, which will soften at approximately 70° F., and melt at 120° F., being a grade in which distillate oils distilled therefrom shall have a specific gravity of 1.05.

Quality of Asphalt.

Section No. 186. The asphalt used shall consist of fluxed natural asphalt, or asphalt prepared by the careful distillation of asphaltic petroleum, subject to the approval of the Engineer, but, however prepared, it shall comply with the following requirements:

The asphalt shall contain in its refined state not less than 95 per cent. of bitumen soluble in cold carbon disulphide, and at least 98½ per cent. of the bitumen soluble in cold carbon disulphide, shall be soluble in cold carbon tetrachloride. The remaining ingredients shall be such as not to exert an injurious effect on the work.

The asphalt shall not flash below 350 degrees Fahr. when tested in the New York State Closed Oil Tester. When 20 grams of the material are heated for five hours at a temperature of 325 degrees Fahr. in a tin box 2½ inches in diameter it shall not lose over 5 per cent. by weight, nor shall the penetration at 77 degrees Fahr. after such heating be less than ½ of the original penetration.

The melting point of the material shall be between 100 degrees and 175 degrees Fahr. as determined by the Kraemer and Sarnow method.

The consistency shall be determined by the penetration which must be between 75 and 100 at 77 degrees Fahr.

A briquette of the solid bitumen of cross section of one square centimeter shall have a ductility of not less than 20 centimeters at 77 degrees Fahr., the material being elongated at the rate of five (5) centimeters per minute. (Dow moulds.)

All tests herein provided must be conducted according to methods approved by the Engineer.

Penetrations indicated herein, refer to the depth of penetration in hundredth centimeters of a No. 2 cambric needle, weighted to 100 grams at 77 degrees Fahr. acting for 5 seconds.

Woven Fabric for Waterproofing.

Section No. 187. The fabric to be used shall be a woven fabric which shall have been treated with pitch or asphaltum before being brought on the work. The fabric and the material used in its treatment shall be approved by the Engineer.

Concrete to be Dry.

Section No. 188. All concrete shall be dry before waterproofing is attached. If, in the judgment of the Engineer, it is impracticable to have the concrete dry, then there shall be first laid a layer of treated felt of approved quality, on the upper surface of which is to be spread the first layer of pitch or asphaltum; the said layer of felt shall then be paid for as a dry ply, Item 15 (i).

Each layer of pitch or asphaltum must completely and entirely cover the surface on which it is spread without cracks or blow holes.

Fabric for Waterproofing to be Carefully Laid.

Section No. 189. The fabric must be rolled out into the pitch or asphaltum while the latter is still hot, and pressed against it so as to insure its being completely stuck over its entire surface, great care being taken that all joints are well broken by overlapping, and that, unless otherwise permitted, the ends of the rolls of the bottom layers are carried up on the inside of the layers on the sides, and those of the roof down on the outside of the layers on the sides so as to secure a full lap of at least one (1) foot. Especial care must be taken with this detail.

Precautions After Laying.

Section No. 190. When the finishing layer of concrete is laid over or next to the waterproofing material, care must be taken not to break, tear or injure in any way the outer surface of the pitch or asphaltum.

Skilled Labor to be Employed.

Section No. 191. None but competent men, especially skilled in work of this kind, shall be employed to lay the waterproofing.

Measurements and Payments.

Section No. 192. Measurements will be made on the basis of actual area covered by the number of plies ordered, no account being taken of laps, and the waterproofing will be paid for as herein stipulated, Schedule Item 15.

15.

STEEL AND IRON.

Open Hearth Process.

Section No. 193. Steel shall be made by the open hearth process.

Chemical and Physical Properties.

Section No. 194. The chemical and physical properties of finished material shall conform to the following limits:

Properties.	Structural Steel.	Rivet Steel.	Steel Castings.
Phos. (Max.)	.04%	.04%	.05%
Sulph. "	.05%	.04%	.05%
Mn. "	.60%	.60%	.80%
Si. "	.10%	.10%	.35%
Ult. Str.	60000±4000	50000±4000	65000 (Min.)
Yield Point (Min.)	55% Ult. 1500000	55% Ult. 1500000	35000
Elongation, Min. % in 8 inches	Ult. Ten. Str.	Ult. Ten. Str.	20%
Elongation, Min. % in 2 inches	.....	.....	Silky, or
Fracture	Silky.	Silky.	Fine granular
Cold Bends Without Fracture	180° flat.	180° flat.	120° (d.=3t.)

Yield Point.

Section No. 195. The yield point shall be that strain, beyond which the elongation ceases to be proportional to the weight imposed, and may be indicated by drop of beam. The speed of testing shall be governed by the inspector.

Finish.

Section No. 196. Sufficient discard shall be made to insure sound material free from piping or excessive segregation. The material shall be finished straight and smooth, and shall be free from all seams, flaws, cracks, defective edges or other defects. Any imperfection which may develop during the progress of the work will be sufficient cause for rejection.

Steel Castings.

Section No. 197. Steel castings shall be true to pattern and free from injurious imperfections.

Standard Test Pieces.

Section No. 198. Sample pieces for tensile and bending tests of plates, shapes and bars shall be cut from such portions of the finished product of each melt as the Inspector may designate, and shall be stamped by him; they shall have both faces rolled and both edges milled to the usual form of a standard test specimen,—one and one-half (1½) inches wide on a gauged length of nine (9) inches,—or with both edges parallel. The area of the minimum section shall not be less than one-half (½) square inch.

Tests for Angles.

Section No. 199. Angles three-quarter (¾) of an inch and less in thickness shall open flat, and angles one-half (½) of an inch and less in thickness shall bend shut, cold, under blows of a hammer, without sign of fracture. This test shall be only made when required by the Inspector.

Rivet Rods.

Section No. 200. Rivet rods shall be tested as rolled.

Steel Castings.

Section No. 201. For steel castings the test piece shall be turned to a uniform minimum section of one-half (½) inch diameter, for a length of at least two and one-half (2½) inches. Specimens for bending shall be one (1) inch by one-half (½) inch in section.

Tests for Rivet Steel.

Section No. 202. Rivet steel, when nicked and bent around a bar of the same diameter as the rivet rod, shall give a gradual break and a fine, silky, uniform fracture.

Section No. 203.

Treatment of Test Specimens.

Section No. 204. For steel castings the number of tests will depend on the character and importance of the castings. Specimens shall be cut cold from coupons molded and cast on some portion of one or more castings from each melt. The coupons shall be annealed with the castings before being cut off.

Number of Tests.

Section No. 205. At least one tensile and one bending test shall be made from each melt of steel as rolled. In case steel differing three-eighths (⅜) inch or more in thickness is rolled from one melt, a test shall be made from the thickest and from the thinnest material rolled. Rolled steel shall be tested in the condition in which it comes from the rolls.

Material which, subsequent to tests at the mills and its acceptance there, develops weak spots, brittleness, cracks or other imperfections, or is found to have injurious defects, will be rejected at the shop and shall be replaced by the manufacturer at his own cost.

If the above tests do not fulfill the requirements of these specifications, duplicate tests may be made at the discretion of the Inspector, he selecting and stamping the

duplicate test pieces. If these retests meet all the requirements, the melt shall be accepted.

Variation in Weight.

Section No. 206. A variation in weight or cross section of any piece of steel of more than two and one-half (2½) per centum from that specified, shall be sufficient cause for rejection, except in case of sheared plates exceeding one hundred (100) inches in width, where the variation may be five (5) per centum.

Material Marked.

Section No. 207. Every finished piece of steel shall have the melt number and the name of the manufacturer stamped or rolled upon it. Bars for reinforcing concrete, rivet and lattice steel, and other small parts, may be bundled, with above marks on an attached metal tag.

Test Pieces.

Section No. 208. The Contractor shall furnish, without extra charge, such standard test pieces, as may be necessary to determine the uniform quality of the material and also the use of a reliable testing machine, with the necessary labor for testing.

Chemical Determinations.

Section No. 209. Chemical determinations of the percentages of carbon, phosphorus, sulphur and manganese shall be made by the manufacturer from a test ingot, so taken, during the casting of each melt of steel as to fairly represent the melt. Two copies of such analyses shall be furnished to the Engineer or his Inspector.

Mill Orders.

Section No. 210. The Engineer shall be furnished copies in triplicate of all mill orders, and no material shall be rolled or work done before the Engineer has been notified so that he may arrange for the inspection.

The Engineer shall be furnished complete copies of shipping invoices, in triplicate, with each shipment. Each invoice shall show the scale weight of each individual piece.

Wrought Iron.

Double Rolled.

Section No. 211. All wrought iron shall be double rolled, tough, fibrous and uniform in character. It shall be thoroughly welded in rolling and be free from surface defects.

Method of Testing.

Section No. 212. The methods specified for testing rolled steel shall apply generally to wrought iron. Standard test specimens shall show an ultimate strength of at least fifty thousand (50,000) lbs. per square inch, and an elongation of at least eighteen (18) per centum in eight (8) inches, with fracture wholly fibrous. Specimens shall bend cold with the fibre, through one hundred and thirty-five (135) degrees, without sign of fracture, with inner radius not to exceed the thickness of the piece tested. When nicked and bent the fracture shall show at least ninety (90) per centum fibrous.

Cast Iron.

Chemical Requirements.

Section No. 213. Cast iron shall be tough gray iron made by the cupola process and shall contain not more than 0.6 per cent. of phosphorus and not more than 0.12 of sulphur. No mill cinder iron, white or burnt iron or scrap of any kind will be permitted in the composition.

Test Bar.

Section No. 214. The quality of the iron entering into castings shall be determined by means of the "Arbitration Bar." This is a bar 1¼ inches in diameter and 15 inches long, cast under the same circumstances as those which attended the casting of the full-sized piece. This bar shall sustain at the center, when resting upon two dull knife edges twelve (12) inches apart, a load of three thousand (3000) pounds with a deflection of at least one-tenth (1-10) of an inch before rupture.

Number of Test Bars.

Two (2) sets of two (2) bars shall be cast from each heat; one set from the first and the other set from the last iron entering into the castings. Each set of two bars is to be made in a single mold.

True to Pattern.

Section No. 215. Castings must be sound, true to pattern, free from cracks, flaws, excessive shrinkage, and have smooth clean surfaces. They must be neatly chiseled and wirebrushed before leaving the foundry. Castings which do not accurately conform to dimensions on the plans will be rejected. Each casting shall have its distinguishing letter or number cast on at the place indicated on the plans.

Workmanship.

Quality.

Section No. 216. The workmanship shall be equal to the best practice in modern bridge works.

Shearing and chipping shall be neatly and accurately done and all portions of the work exposed to view neatly finished. All nuts exposed to view on the final structure shall be hexagonal. Lattice bars shall have neatly rounded ends, concentric with rivet holes.

Rods and Bars, Deformed Sections.

Section No. 217. Rods and bars to be used for reinforcing concrete shall be deformed as approved by the Engineer; plain bars will not be used.

Bent Rods.

Section No. 218. Bent rods shall be bent uniformly to template in a machine or press approved by the Engineer. They may be bent either at the shop or on the work. In special cases bending hot and annealing may be required.

Material Straightened in Shop.

Section No. 219. All material shall be straightened in the shop before being worked in any way and again straightened after punching and before assembling, if required by the Engineer or Inspector.

Size of Rivets.

Section No. 220. The size of rivets called for on plans shall be understood to mean the actual size of the cold rivet before heating.

Rivet Holes.

Section No. 221. All holes shall be accurately spaced and punched. The diameter of the punch shall not be more than one-sixteenth (1-16) inch greater than the diameter of the rivet. The diameter of the die shall be as small as may be required to punch a clean hole.

Punching.

Section No. 222. Punching shall be accurately done. Drifting to enlarge unfair holes will not be allowed. If the holes must be enlarged to admit the rivet they shall be reamed. Poor matching of holes will be cause for rejection.

Sub-Punching and Reaming.

Section No. 223. Where sub-punching and reaming are required, the punch used shall have a diameter not less than three-sixteenths (3-16) inch smaller than the rivet. Holes shall then be reamed to a diameter not more than one-sixteenth (1-16) inch larger than the nominal diameter of the rivet. All reaming shall be done with twist drills after the material is assembled and firmly bolted together. The use of lubricants in reaming is not allowed.

Drilling.

Section No. 224. All material over seven-eighths (⅞) of an inch thick shall be drilled from the solid. Material over five-eighths (⅝) of an inch and not exceeding seven-eighths (⅞) of an inch in thickness shall be sub-punched and reamed.

Sheared Edges.

Section No. 225. Sheared edges of plates, exceeding five-eighths (⅝) of an inch in thickness in main members, shall be planed at least one-eighth (⅛) of an inch.

Burrs Removed.

Section No. 226. All burrs on rivet holes shall be removed.

Assembling.

Section No. 227. Riveted members shall have all parts well pinned up and firmly drawn together with bolts, before riveting is commenced. Contact surfaces shall be painted.

Riveting.

Section No. 228. Rivets when driven shall completely fill the holes, and shall be machine driven wherever possible. They shall have full concentric heads or they shall be countersunk when so required. Rivet heads shall not be flattened to less than half the diameter of the rivet on the line of the shank unless countersunk. Loose, burned or otherwise defective rivets shall be cut out and replaced. In cutting out defective rivets, great care shall be taken not to injure the adjacent material. If necessary they shall be drilled out.

Distances from center of rivet to edge of sheared plate shall not be less than 1¼" for ¾" rivets and 1⅜" for ⅞" rivets; distances from center of rivets to a rolled edge shall not be less than 1⅛" for ¾" rivets and 1¼" for ⅞" rivets. The minimum pitch for ¾" rivets shall be 2½" and for ⅞" rivets 2⅞". When material is sub-punched and reamed the pitch for ⅞" rivets may be made 2¼" and for ⅞" rivets 2⅝".

Use of Bolts.

Section No. 229. Generally the use of bolts instead of rivets will not be permitted, but when used in special cases the holes shall be reamed parallel, and the bolts turned to a driving fit, with the threads entirely outside of the holes. Washers not less than one-quarter (¼) inch thick shall be used under the nuts. Bolts must be thickly coated with red lead paint before insertion, so as to seal the hole against moisture.

Templates.

Section No. 230. All holes for field rivets, excepting those in connections of lateral and sway bracing, shall be sub-punched and accurately drilled to an iron template, fitted with bushings, or reamed and match marked while the connecting parts are temporarily assembled in the shop. In case of splices of upper chords or other compression members, the abutting ends shall be brought to a forcible bearing.

Finished Members.

Section No. 231. Finished members shall be true and free from kinks, twists or open joints. Ends of floor beams and stringers shall be faced square and true.

Rods Upset.

Section No. 232. Rods and bars which are to receive a thread shall be properly upset. Where threads are cut on steel, they shall be properly filleted.

Annealing.

Section No. 233. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed. Welds in steel will not be allowed.

Abutting Surfaces Faced.

Section No. 234. All abutting surfaces shall be accurately planed or faced, so as to insure even bearings, except where otherwise noted on the plans.

Stiffeners—Splice Plates and Fillers.

Section No. 235. Stiffeners of plate girders shall be faced on the ends and brought to a true contact bearing with the flange angles. Web splice plates and fillers under stiffeners shall be cut to fit within one-eighth (⅛) of an inch of flange angles.

Section No. 236. Web plates must not project beyond the flange angles or be more than one-quarter (¼) inch back of face of angles.

Bed Plates Planed.

Section No. 237. Expansion bed plates shall be planed true and smooth. The finishing cut of the planing tool shall be fine and correspond with the direction of expansion.

Details Boxed.

Section No. 238. Nuts, bolts, rivets and other similar material shall be boxed.

Weight Marked.

Section No. 239. The scale weight shall be plainly marked upon every piece and box.

Inspection.

Section No. 240. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship.

Contractor Responsible.

Section No. 241. The Inspector shall make detailed reports of his inspection to the Engineer and may notify the Contractor of any defects in the material or workmanship, but all acceptances made by him shall be considered temporary, and his inspection shall in no way relieve the Contractor of full responsibility for the character and accuracy of the work until its completion and final acceptance by the Engineer.

Errors in Plans.

Section No. 242. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Inspector's Office.

Section No. 243. The Contractor shall furnish for the use of the Inspector a suitably equipped office at the mills and at the shops.

Loading and Shipping.

Section No. 244. All parts shall be carefully loaded and protected from injuries during transportation by such means as will be satisfactory to the Inspector. After delivery of materials at the work the Contractor will be required to store the same on skids at least twelve (12) inches above the ground and to keep the same in good condition. Any piece showing injurious effects of rough handling at any stage until the final acceptance of the work may be rejected.

Payments for Steel.

Section No. 245. The prices to be paid for steel are as herein provided in Schedule Items 19, 20 and 21. Item 20 includes all single beams or shapes, whether milled or otherwise, with connections or other end details. These prices include the cost of material delivered and erected in the work. These prices are to include also the cost of all necessary cleaning and painting (where painting is required) and of all other incidental work. The quantity of metal to be paid for shall be the number of pounds actually placed in accordance with the drawings or orders.

Miscellaneous Castings.

Section No. 246. For miscellaneous castings, but not including castings for sewer work or pipes, payment will be made as provided in Schedule Item 25.

Special Wire Forms.

Wire Forms.

Section No. 247. Special wire forms, of a type and weight to be approved by the Engineer, are to be furnished and placed around the lower flanges of the roof girders, and at other places as may be required, in order to hold the concrete in place.

Wire Forms, Payment For.

Section No. 248. Special wire forms, wherever used, will be paid for as stipulated in Schedule Item 26, which price is to include the material in place and all work necessary and incidental thereto.

16.

Painting.

Number of Coats and Quality.

Section No. 249. All metal work, excepting as otherwise herein provided, shall be painted with three coats of paint, including the shop coat, of kind and quality approved by the Engineer.

Shop Coat.

Section No. 250. All iron shall be scraped free from scale, and receive one coat of red lead paint as herein specified, or other approved paint if directed by the Engineer, before leaving the shops. All surfaces which come in contact or are enclosed shall be painted before being assembled. All turned or faced surfaces shall receive a coat of white lead and tallow before leaving the shops. If the Engineer so directs on members or parts of members buried in concrete the shop coat will be omitted.

Quality of Red Lead.

Section No. 251. The red lead shall be strictly pure, and shall contain at least 80 per cent. of "true lead" (Pb_3O_4). The color shall be a clean pure tint. The red lead shall be of the fineness that when washed with water through a No. 19 silk bolting cloth, not more than 1 per cent. shall be left on the screen.

Quality of Linseed Oil.

Section No. 252. The linseed oil must be absolutely pure, fully aged and ripened, well settled oil. It shall be perfectly clear on receipt, and after heating to 212 degrees Fahr. on a current of hydrogen, shall not show a deposit of foots nor a loss of over 0.4 per cent. for raw oil, nor over 0.2 per cent. for boiled oil. The specific gravity at 60 degrees Fahr. for raw oil shall be between 0.932 and 0.937, and for boiled oil between 0.936 and 0.940.

Original Packages.

Section No. 253. All material shall be delivered, inspected and sampled in original packages.

Proportions in Mixture.

Section No. 254. Red lead paint shall be mixed in the proportion of 500 lbs. of red lead to 5½ gallons of boiled linseed oil, and 11 gallons of raw linseed oil.

Damaged Shop Coat to be Renewed.

Section No. 255. Where the shop coat has become damaged before or after erection, through any cause whatever, it shall be renewed with the same kind of paint as originally used, such renewal to be considered only as a part of the original shop coat.

Structural Steel and Rods.

Section No. 256. Structural steel and rods to be imbedded in concrete shall be

protected from the weather before being put in place, and shall be cleaned and scales removed before being incased in the concrete. Rods shall not be painted.

Second Coat Carbon Paint.

SECTION No. 257. The second coat of paint shall be a carbon paint approved by the Engineer. It shall be applied after erection, but not until the metal has been cleaned from dirt or other objectionable matter that may be found thereon.

Metal to be Cleaned After Erection.

SECTION No. 258. After erection the metal shall be thoroughly cleaned of all dirt, rust or scales by stiff wire brushes or sand blasts, as directed, and afterward dusted and thoroughly and evenly painted as described above. No paint shall be applied until the cleaning has been passed upon by an Inspector.

Third Coat.

SECTION No. 259. Between stations the exposed members shall be given a third coat, which shall be a carbon paint of a color and quality approved by the Engineer.

Third Coat, When Applied.

SECTION No. 260. The third or finishing coat shall be applied to all exposed surfaces of the metal after its erection, and after a completion of the masonry or other work; it shall be applied at such time after such completion and before the final acceptance of the work as in the judgment of the Engineer may be advisable. The several field coats shall be sufficiently tinted to be distinctive.

Surfaces in Contact.

SECTION No. 261. Surfaces of exposed members inaccessible after erecting, shall be cleaned and painted before erecting.

Recesses, etc.

SECTION No. 262. All recesses that might contain water, or through which water could enter, must be filled with thick paint or a waterproof cement of ground skins before receiving final painting.

Surfaces Close Together.

SECTION No. 263. All surfaces so close together as to prevent the insertion of a brush must be painted thoroughly by using a piece of cloth, if necessary.

Rainy or Freezing Weather.

Section No. 264. Painting in rainy or freezing weather or on wet surfaces will not be permitted.

Payments.

SECTION No. 265. Payment for painting is included in the prices for steel and iron.

17.

DRAINS AND PUMPS.

Railroad To Be Drained.

SECTION No. 266. Every part of the Railroad must, so far as possible, be so arranged that any water finding access thereto will be led away automatically to the City sewers.

Floor of Railroad as Conduit.

SECTION No. 267. Where the Railroad is on an inclined gradient, and is constructed in dry, porous soil, the floor of the Railroad may be depended on to act as a conduit. At the bottom of the inclined gradient connections must be made with a sewer or with subdrains lying beneath the Railroad and draining into the sewers.

Subdrains.

SECTION No. 268. Along such parts of the work where the soil is not porous, or where the floor of the Railroad cannot, in the judgment of the Engineer, be used as a conduit, there shall be laid, beneath the rail level and on a continuous descending gradient, drain pipes of vitrified salt-glazed stoneware, of the quality described in these specifications for sewer pipe. These drain pipes shall be of such diameter not exceeding twelve (12) inches, as the Engineer may direct, and there shall be one (1) such drain for each two (2) tracks. Each drain shall be laid in the concrete or directly in the soil with tight or open joints, as directed, and in such manner and in such position as, in the opinion of the Engineer, local circumstances require.

Connections and Cross Drains.

SECTION No. 269. Where drain pipes connect with the City sewers, the junction shall be protected by suitable traps, and back-pressure valves or gate valves where necessary, to prevent back rush of water or gas from the sewers. Connections with the Raiload shall be as necessity demands and all as directed by the Engineer. Cross drains to connect with the main drains will be placed at such places and in such manner as the Engineer shall direct; also vertical drains at the sides of the Railroad. These drains shall be of vitrified pipe or of cast iron, as directed.

Broken Stone for Drainage.

SECTION No. 270. Broken stone shall be placed for the purposes of drainage, as indicated on the plans or as required by the Engineer.

Sumps.

SECTION No. 271. At the low points of the grade of the Railroad where the same passes below the bottom of adjacent sewers there shall be constructed sumps connected with the subdrains or the floor of the Railroad. Such sumps must be watertight, with a capacity of not less than eight hundred (800) gallons each.

Pumps for Tunnel Drainage.

Section No. 272. Adjacent to each sump a suitable enclosure shall be provided in which two pumps shall be installed, each of which shall have ample capacity to remove all the water entering the sump at that point under ordinary conditions. These pumps shall be arranged to operate automatically. Under this contract the Contractor only will furnish the pumps required and set them in place as directed, including the necessary pipe and drainage connections between the sumps and sewers.

Capacity.

The pumps shall be of the capacity required by the Engineer.

Capacity.

Section No. 273. If in the opinion of the Engineer the service requires it, each of these pumps shall be able to remove from the sump eight hundred gallons per minute.

Delivery to Sewers, Etc.

Section No. 274. The delivery of such pumps shall be into the City sewers, and all piping, valves, etc., in connection therewith, shall be installed as a part of this contract.

Payment for Drains.

Section No. 275. All drains shall be measured in place and the actual net length as laid for each class of drain will be paid for as herein provided in Schedule Items 17 and 17-A. The prices therein provided for each class of pipe will include providing and laying the pipe and all specials of any nature whatsoever, such as bends, tees, wyes, handholes, etc., and all material necessary for jointing the same. Where back-pressure valves or gate-valves are required the cost of setting the same will be included in the above, but the Contractor will be paid in addition the actual net cost of such valves plus ten (10) per cent.

Payment for Broken Stone.

Section No. 276. For broken stone for drainage, furnished and placed, section No. 270 payment will be made as provided in Schedule Item 14.

Payment for Pumps.

Section No. 277. For pumps, Section No. 272, the Contractor will be paid as provided in Article XII of the contract including the pipe connections with sumps and sewers.

Station Drainage.

The station drainage also must be arranged for as prescribed in Section No. 269.

Soil Pipes.

It will be necessary to lay soil pipes in the floors and walls of the stations. These pipes are to be cast iron, "extra heavy." They will be placed in positions as shown on the plans and will be paid for as provided in Schedule Item 34.

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SEWERS.

In Accordance with Plans and Specifications.

Section No. 278. All sewers and appurtenances shall be built of the materials, of the sizes and dimensions, on the lines and grades, at the depths, with the connections, and in the manner called for by these specifications and shown on the drawings.

Change of Location.

Section No. 279. If, in the opinion of the Engineer, it is impracticable during the progress of the work to construct any sewers, manholes, or other appurtenances, according to the contract drawings, owing to the presence of unknown subsurface structures or other contingencies, the Contractor shall construct such sewers, manholes or appurtenances in the location given by and according to the directions of the Engineer.

General Clauses Apply.

Section No. 280. The general clauses in this contract relating to excavation, backfilling, cement, mortar, masonry, waterproofing, piling, timber work of all kinds, care of streets and public places, maintenance of surface, subsurface and overhead structures, protection of persons and property, repaving or restoring of the surface of the street or other public places, responsibility of the Contractor, authority of the Engineer to examine and condemn materials, and the power of the Commission and the Engineer in all or any other respects to enforce this contract, apply to the construction and reconstruction of sewers, water mains or pavements, unless specifically amended or exempted, both along the route occupied by the Railroad and elsewhere.

No Claims for Damages.

Section No. 281. Should postponement or delay be occasioned by the precedence of paving or other contracts, which may be either let or executed by the Borough President, Commissioner of Water Supply, Gas and Electricity, or other heads of departments, either before or after the execution of this contract, on the line of the work, no claims for damages therefor shall be made or allowed; nor shall any claim for damages be made or allowed in consequence of the street or the adjoining sewers not being in the condition contemplated by the parties at the time of making the contract, except that if the Contractor shall be delayed in the performance of his work by reason of the street or the adjoining sewers not being in such condition, an allowance of time may be given for the completion of the work as elsewhere provided in this contract.

Size of Trenches.

Section No. 282. The trenches for sewers and basin culverts both in earth and in rock, in streets along the route of the Railroad, shall have vertical sides and shall be six inches wider than the greatest external width of the sewer or its foundation on the side farthest away from the subway; and in other streets the trenches shall have vertical sides, and shall be six inches wider on each side than the greatest external diameter of the sewer, but shall be not less than three feet in width. They shall be excavated to the depth and to the form of the sewer or its foundation. Payments for excavation will be based on the requirements as above.

Limit of Trench Opening.

Section No. 283. Not more than one hundred (100) feet of trench in sewers off the line of the railroad shall be opened at any one time in advance of the sewer already completed, unless by permission of the Engineer, and for a distance specified.

Excavation Completed in Advance.

Section No. 284. The excavation of trenches shall be fully completed a sufficient distance in advance of the laying of the sewer, and the exposed end of the sewer shall in all cases be fully protected.

Trenches for Manholes and Receiving Basins.

Section No. 285. Where the foundation for a manhole or a receiving basin extends beyond the line of such manhole or receiving basin, the excavation required in earth shall be to the lines of the smallest rectangle enclosing the full dimensions of the exterior of the foundation, and shall have vertical sides to the surface, but it shall, in all cases, be six inches larger than the greatest external dimension of the manhole or receiving basin. In rock excavation, the trench shall be six inches larger than the greatest external dimension of the manhole or receiving basin, and shall have vertical sides to the surface.

Foundations.

Section No. 286. Where the ground does not afford a sufficiently solid foundation, the trench shall be excavated to such increased depth as the Engineer may deem necessary, and this extra depth, and all other irregularities in the bottom of the trench, shall be filled up to the required level and form, with such material, and in such manner, as the Engineer shall direct. If so directed, piles shall be driven and a timber or reinforced concrete foundation shall be constructed, as elsewhere provided in these specifications, to support the sewer.

Inspection of Grades.

Section No. 287. When the trench is properly prepared, and before laying any sewer, the Contractor shall notify the Engineer, who will, thereupon, cause the grades for the sewer to be tested, and if correct the sewer shall then be laid in the presence of a duly authorized inspector, and no construction work shall be done in his absence.

Trenches to be Kept Free From Water.

Section No. 288. The trenches shall be kept entirely free from water while the foundation and the masonry are being constructed or the sewer laid. In no case shall water be allowed to flow over the invert or foundation or through the sewer until the mortar is thoroughly set.

Gutter and Passageway to be Kept Open.

Section No. 289. At all times, gutters shall be kept open for surface drainage, and the streets and sidewalks shall be kept clear and free for the passage of carts, wagons, carriages and street or steam railroad cars or pedestrians, and as otherwise provided in these specifications.

Cross-walk, Side-walk and Roadway to be Kept Clear.

Section No. 290. Where any cross-walk or roadway is cut by the trench, it shall be temporarily replaced by a timber bridge with side railings, according to the direction and approval of the Engineer. The work shall at all times be conducted so as to cause as little inconvenience as practicable to the public.

Disposition of Paving Material.

Section No. 291. All curb, gutter, flagging, paving and macadam stones, necessary to be removed, which in the judgment of the Engineer are suitable to be used again, shall be stored in such places as the Engineer shall direct, or shall be removed as provided in these specifications; in all cases a passageway on the sidewalks and in the roadway shall be preserved free from needless obstructions.

Flow of Sewers to be Maintained.

Section No. 292. The Contractor shall provide for the flow of all sewers, drains and water courses interrupted during the progress of the work, and shall restore and make good all connections, and shall immediately cart away all offensive matter, in such manner and with such precautions as the Engineer may direct. All temporary house connections shall be made by closed iron pipes, with suitable provision for preventing leakage at joints. Wooden troughs for such connections will not be permitted.

Brick.

Section No. 293. In the construction of brick masonry none but the best quality of common brick burned hard entirely through, regular and uniform in shape and size and of compact texture, shall be used. They shall be culled as they are brought on the ground, and bats and bricks of improper quality are to be removed from the work. A limited number of bats may be used in manholes and closures, and in the outer ring of the sewers where more than two rings of bricks are required.

How Laid.

Section No. 294. The bricks shall be properly wet immediately before laying. Every brick is required to be laid in a full joint of mortar, made as described in these specifications, on its bed, end and side, at one operation. In no case is mortar to be slushed or grouted in afterward. The bricks shall be neatly and truly laid, every second course to line, and the joints to be carefully struck on the inside.

Racked Back or Toothed.

Section No. 295. All brick work, as it progresses, shall be racked back in courses, and in no case will it be allowed to be toothed, unless by special permission from the Engineer.

Brick or Stone Inverts.

Section No. 296. All inverts, or bottom curves, shall be formed from profiles accurately made according to the dimensions of the sewer, and correctly set according to the grades furnished. The masonry shall be allowed to set for twenty-four (24) hours before the arch is turned. Vitrified brick or granite paving blocks shall be used for the inner ring of the invert when required by the Engineer, and whenever so used they must be thoroughly jointed, so as to be water-tight along the inner surface of the sewer. The last course of the invert masonry below the springing line shall be laid as headers.

Brick Arches.

Section No. 297. The arches or upper curves shall be formed on strong centres of correct form, according to the sizes and shapes required, and keyed with stretchers in full joints of mortar. The extrados of the arch shall be plastered with mortar one inch thick, mixed in the proportion of one part of cement to two parts of sand. The centres shall not be removed or withdrawn in less than thirty-six hours, or until the work is thoroughly set, and until the filling in of the arch is properly put into place to a depth which is at least one foot above the crown of the arch. The centres in all cases shall be struck and not drawn, so as not to crack or injure the work. Should any crack or settlement appear in the arch after the centres are removed,

so much of the work as the Engineer may require shall be taken down immediately and replaced.

Spurs.

Section No. 298. Vitrified or iron sewer pipes or spurs, equal in every respect to those described elsewhere in these specifications, and of a size required by the Engineer, but not less than six inches interior diameter with hubs moulded for house connections, and of sufficient length to project at least four inches beyond the exterior of the sewer, shall be built into the walls of brick sewers and at such an angle as indicated on the plan, or as the Engineer may direct.

How Built In.

Section No. 299. Spurs shall be built in wherever similar house connections exist in the present sewer which is to be reconstructed under this contract, but in no case shall the distance be more than twenty feet between spurs. In the case of the construction of new sewers where no sewers existed previously, except sewers crossing intersecting streets, they shall be built opposite each house, and where there are no houses, they shall be not more than fifteen feet apart on each side of the sewer or at such frequent intervals as local conditions may require. They shall be set so that their inner ends shall be flush with the inner face of the sewer, at such height in the walls as the Engineer may direct, and each pipe shall be sealed on the outside with an approved earthen-ware cover set in mortar.

Iron Chair Spurs.

Section No. 300. Where the sewers to be built under this contract will be at a depth greater than thirteen feet below the established grade of the street (or below the surface of the street where final grades have not been established), cast iron chair spurs, of the design shown on the drawings, not less than six inches in diameter and of the weight of extra heavy soil pipe, shall be used unless otherwise ordered by the Engineer. Where house drains are to be connected to these spurs, extra heavy soil pipe and fittings shall be used for the riser between the spur and the house drain. Where the spurs are provided for future connections, risers of extra heavy soil pipe shall be placed in each spur and shall be brought to a point thirteen feet below the established grade of the street, the end of which shall be sealed with an approved cover laid in cement mortar. The joints of this pipe shall be packed, leaded and caulked in accordance with these specifications for laying water-mains.

Under Another Structure.

Section No. 301. Wherever the sewer passes under another structure, extra heavy soil pipe (Schedule Item 17-A) shall be laid from the spur to the outside of such structure, brought up to a point thirteen feet below the established grade of the street, caulked and sealed as provided above. All pipes passing under such structures shall be laid in concrete.

Concrete Sewers, Form, Dimensions and Materials.

Section No. 302. If, during the construction of the sewers, it is deemed advisable to interchange concrete and brick, the Contractor may, with the approval of the Engineer, build such sewers of either kind and quality herein specified.

Steel Bars Used if Ordered.

Section No. 303. Concrete sewers shall be reinforced with steel bars, if so indicated on the plans or directed by the Engineer.

Profiles and Inverted Centres for Inverts.

Section No. 304. Proper profiles for the concrete inverts shall be set up at the required distances, and the concrete for the bottom and invert of the sewer shall be deposited in place and rammed and worked down to the required shape. The concrete for the bottom and invert, if so directed, shall be placed in alternate lengths extending between every other pair of profiles, so that opportunity may be given to properly work the concrete in place.

Invert to be Protected.

Section No. 305. The concrete of the invert shall be protected during the progress of the work with planking, or by such other suitable methods as the Engineer shall direct and for so long a time as he may require.

Forms, Moulds, etc.

Section No. 306. Suitable forms or moulds, of the size and design to be approved by the Engineer, shall be provided by the Contractor to support the concrete of the side walls and roof while the same is being rammed into the permanent work.

Defective Work.

Section No. 307. If any voids, or irregular or defective work is discovered upon removing the forms or moulds, such voids or work shall be cut out and filled with a rich concrete or mortar mixed in such proportions and of such materials as provided elsewhere in these specifications.

Joints.

Section No. 308. No joints between different sections of the walls of a sewer shall, in any case, be a straight line, but shall always be stepped or toothed so as to give a broken joint in the manner to be approved by the Engineer.

Spur Pipes, Branches, etc.

Section No. 309. In so far as they will be applicable to sewers constructed of concrete, the provisions and requirements for spurs, branches, etc., in brick sewers shall be understood to govern in such construction.

Vitrified Pipe Sewers—Quality of Pipe.

Section No. 310. Tile pipe sewers shall be built of vitrified salt glazed stone-ware pipe, with extra deep and wide sockets and corrugated spigot ends. The pipe shall be of the best quality, thoroughly and perfectly burnt, without warps, cracks or imperfections, well and smoothly glazed over the entire inner and outer surfaces and perfect in shape. The pipe shall be subject to all tests ordered in conformity with any requirements of the Bureau of Sewers of the Borough in which the work is located, at any time previous to its being used.

Dimensions.

Section No. 311. The size of the pipes shall be designated by their interior diameters. Each pipe shall be a true cylinder, and of even thickness throughout, and shall conform to the following scheduled dimensions:

Double Strength Pipe; Extra Deep and Wide Sockets.

Diameter.	Thickness of Shell.	Depth of Socket.	Length of Plain Straight Pipe.	Weight of Pipe Per Foot.	Annular Space.
Inches.	Inches.	Inches.	Feet.	Pounds.	Inches
6	5/8	2½	2	16	5/8
8	¾	2¾	3	25	5/8
10	7/8	2¾	3	37	5/8
12	1	3	3	45	5/8
15	1¼	3	3	75	5/8
18	1½	3¼	3	118	5/8
20	1⅔	3½	3	148	5/8
22	1⅝	3¾	3	157	5/8
24	2	4	3	190	5/8

"Specials."

Section No. 312. All "special" vitrified pipe shall conform to the dimensions given for plain straight pipe.

Spur Pipes.

Section No. 313. Pipes having spurs not less than six inches in diameter with hubs moulded thereon for house connections shall be furnished and laid at such points as indicated on the plan or as directed by the Engineer, and when not immediately used, they shall be sealed on the outside with approved vitrified earthenware covers set in mortar.

Risers.

Section No. 314. The provisions for risers on brick sewers shall also apply to pipe sewers.

Pipe Sewers, How Laid.

Section No. 315. All pipes shall be laid in concrete cradles of the required form and dimensions. The minimum thickness of concrete under the outside of the shell, or barrel, shall be six (6) inches. The first layer of concrete shall be for the full width of the cradle and deposited continuously to the height of the outside bottom of the shell of the pipe; before the concrete has set the pipe shall be firmly bedded therein true to line and grade, and the remainder of the concrete immediately deposited and carefully tamped in such a manner as to avoid disturbing the sewer. The ends of the pipes shall abut against each other and in such manner that there shall be no shoulder or unevenness of any kind along the bottom half of the sewer on the inside. Unless otherwise ordered, not less than fifteen feet of pipe shall be laid at any one time, in any one length of trench, and it shall be exposed for at least twenty-four hours for inspection.

Jointing Hub and Spigot Pipes.

Section No. 316. Before inserting the spigot end of the pipe into the hub or socket, the lower half of each socket shall be plastered on the inside with a layer of cement mortar mixed in the proportion of one part of cement to one and one-half parts of sand and of a sufficient thickness to bring the inner bottom surfaces of the abutting pipes flush and even with the established flow line. After pipes are fitted, the space between the inside of the upper half of each socket and the outside of the entering pipe shall be filled with cement mortar, mixed as above specified, and the outside of the joint shall be thoroughly sealed with the same kind of mortar and the joints carefully wiped to a smooth bevel outside, and all mortar that may be left on the inside of the pipe must be thoroughly removed and the inside of the pipe left clean and smooth throughout.

Pipes to be Cut.

The ends of pipes, which enter masonry, shall be neatly cut to fit the face of the masonry. When directed, such cutting shall be done before the pipes are built in.

Iron Pipe Sewers.

Section No. 317. Sewers of iron pipe, of quality and laid in the manner described elsewhere in these specifications for the laying of water mains, shall be laid wherever indicated on the plans or at such places as the Engineer shall direct.

Special Castings.

Section No. 318. Wherever such pipes are laid through vaults, they shall, when required by the Engineer, be provided with special castings for manholes, which shall be fitted with a cover bolted on so as to make an air-tight joint, according to the plans to be furnished by the Engineer.

Ventilators.

Section No. 319. Whenever, in the opinion of the Engineer, it becomes necessary to provide ventilation for sewers under other structures, iron pipe shall be laid from the sewer to the surface of the street and fitted with proper gratings, according to the plans to be furnished by the Engineer.

Connections.

Section No. 320. All existing sewers, culverts, drains and house connections intercepted by the proposed sewers, culverts or receiving basins shall be connected with the new work by proper curves and grades and in such manner as the Engineer shall direct; and all drains, basins or culverts rendered unnecessary or becoming disused by the work herein contemplated shall be filled in and made solid with good wholesome earth in the manner directed. Provision shall also be made for the connection of future sewers or basins by constructing brick spurs or inserting vitrified pipe at the points indicated on the contract drawings and at other points as the Engineer may direct. These connections shall be closed with bulkheads not less than eight inches in thickness and of the quality specified for brick masonry.

Fresh Work to be Protected.

Section No. 321. All fresh work shall be carefully protected from injury in every way. No wheeling or walking will be allowed on it and any portion injured must be relaid by the Contractor; no walking or working over the pipes after they are laid, except as may be necessary in tamping the earth and refilling, will be allowed until there is at least two and one-half feet of earth over them.

Pipes to be Kept Clean.

Section No. 322. The interior of pipe sewers shall be carefully freed from all dirt, cement and superfluous material of every description as the work progresses, for which purpose a disc, mould or plate, attached to a rod sufficiently long to pass two joints from the end of the pipe last laid, shall be continuously worked through.

Exposed Ends of Pipes to be Protected.

Section No. 323. The exposed ends of pipe sewers shall, in all cases, be protected with a board or other stopper carefully fitted to the pipe, to prevent earth or other substances from washing in, and in no case shall brick or stone be used for that purpose.

Manholes.

Section No. 324. The masonry of manholes shall be carried up so that the top of the iron head when set shall be at the level of the established grade of the street at that point or to such height as the Engineer may direct, and from templates correctly made and set at top and bottom, between which not less than eight lines shall be drawn. Where manholes are not built to the established grade of the street, they shall be covered, when necessary, by selected bluestone slabs, eight inches in thickness, to support the manhole heads. All joints shall be neatly struck and pointed on the inside. Each manhole shall be plastered thoroughly on the outside with cement mortar one inch in thickness, mixed in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 325. The foundations for manholes shall be of concrete or masonry of the kind indicated on the plans and shall be not less than twelve inches below the invert elevation of the sewer, except as otherwise indicated on the plan. When foundation additional to that indicated on the plan is required, it shall be built as directed by the Engineer.

Pipe Connections.

Section No. 326. Sewer pipes shall be built in and trimmed, when necessary, so as to be flush with the inner face of the manhole, and an arch, laid in cement mortar, shall be turned over the pipe.

Vitrified Bricks or Granite Blocks.

Section No. 327. The invert shall be built of vitrified brick, granite blocks or concrete masonry, as indicated on the contract drawings.

Use of Bats.

Section No. 328. A reasonable number of bats not smaller than half bricks may be used in the construction of manholes or receiving basins, provided all interstices are thoroughly filled with mortar.

Steps.

Section No. 329. Standard steps of good quality of galvanized wrought iron, of the size, length and shape required for steps, shall be built into the interior sides of all manholes at a distance apart of not more than fifteen (15) inches vertically and they shall be so arranged that the lowest step shall be not more than two feet above the bench at the bottom of the manholes nor more than two feet above the invert of the sewer where there is no bench. Each manhole head shall be cast with a wrought iron step on the inside, when directed by the Engineer.

Bluestone.

Section No. 330. Hammer-dressed bluestone shall be furnished and laid of the form and thickness required as indicated on the plans or as otherwise directed.

Manhole Head and Cover.

Section No. 331. A cast-iron manhole head and cover of the quality specified for cast-iron, and except in special cases, of the pattern adopted by the President of the Borough in which the work is located, and in dimensions, weight and all other respects satisfactory to the Engineer shall be fitted on a bed of mortar to each of the above described manholes. Manhole heads and covers which do not conform to these specifications shall be removed at once from the work.

Perforations.

Section No. 332. Covers to be used on manholes in the street shall be perforated. Those used on sidewalk manholes shall be tightfitting, without perforations.

Weights.

Section No. 333. Each manhole head and cover shall have its weight distinctly marked upon it with oil paint. The following shall be allowed as the minimum and maximum weights:

Street manhole head, 475 to 500 pounds;
Street manhole cover, 135 to 150 pounds;
Sidewalk manhole head, 300 to 310 pounds:
Sidewalk manhole cover, 100 to 110 pounds.

Noiseless Heads and Covers.

Section No. 334. When the pavement of the street is asphalt or wooden block, the manhole shall be fitted with a noiseless head and cover, to be approved by the Engineer, where new heads and covers are necessary.

Sealed Manhole Heads and Covers.

Section No. 335. All manholes in vaults or other structures shall be provided with sealed manhole heads and covers according to the design indicated on the plans.

Emergency Manholes.

Section No. 336. Where a sewer crosses under the subway, emergency manholes shall be provided when directed by the Engineer and according to plans to be furnished by him.

Manholes to be Completed.

Section No. 337. Manholes shall in all cases be fully and completely built and fitted with their covers as the work progresses, and the sewers shall not be laid beyond or in advance of any uncompleted manhole.

Receiving Basins.

Section No. 338. Receiving basins shall be built as located on the plans or as the Engineer shall direct and in accordance with the plans to be furnished. Each portion of the basin shall be built of the size and materials designated on said drawings and shall be thoroughly plastered, both inside and outside, with cement mortar in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 339. The foundations for receiving basins shall be of concrete or masonry of the kind indicated on the plans and shall extend not less than twelve inches below the finished floor of the basin, except as otherwise indicated on the plans. When additional foundation is required, it shall be built as directed by the Engineer.

Stone Flooring.

Section No. 340. The flooring shall be of hammer-dressed North River bluestone flagging, not less than three inches thick, in not more than two pieces, and shall be well set in a full bed of mortar and rammed into place. The floor may be finished with cement mortar mixed in the proportion of one part of cement to one part of sand if so directed by the Engineer. The mortar shall be spread, while fresh, upon the concrete base and before the latter shall have reached its first set; it shall be in such quantity that after thorough manipulation it shall be one inch in thickness.

Head Stone and Gutter Stone.

Section No. 341. Where head stone and gutter stone are required they shall be of sound, durable granite of the dimensions indicated on the plan, hammer dressed to an even surface and cut to the satisfaction of the Engineer. Cast-iron basin heads and gutter pieces of the design indicated on the plans shall be set instead of the above when required.

Cast-iron Cover.

Section No. 342. A cast-iron cover of approved pattern weighing not less than eighty nor more than ninety-five pounds shall be fitted to the opening in the head stone.

Grate Bar.

Section No. 343. A grate bar made according to the plan shall be fastened solidly into the said head stone in the manner indicated.

Cast-iron Trap.

Section No. 344. A cast-iron trap of the form and dimensions indicated on the plan free from imperfections, and properly coated with coal pitch varnish shall be furnished and built into place as directed by the Engineer.

Joints.

Section No. 345. The joints shall be tightly fitted with an oakum gasket or with cement mortar if so directed.

Iron Steps.

Section No. 346. Galvanized iron steps of the same design required for manholes shall be built into the walls.

Culvert Pipes.

Section No. 347. The culvert pipe for connections with sewers shall be 12-inch vitrified pipe unless otherwise indicated on the plan, and of the kind and quality previously described, and shall be laid, in all cases, in a concrete cradle of the form and dimensions required for pipe sewers in accordance with the directions of the Engineer. In case it becomes necessary to connect any basin already built, with the work to be constructed, so much of such culverts as in the opinion of the Engineer, may be necessary shall be taken up and rebuilt or relaid with vitrified pipe, or brick as the case may be, in the manner described above and reconnected in a straight line from the basin to the sewer.

Flush Tanks.

Section No. 348. Automatic flush tanks of a type approved by the Engineer shall be built where indicated on the plans or where directed by the Engineer.

Waterproofing.

Section No. 349. Whenever, in the opinion of the Engineer, it is necessary to waterproof a sewer, chamber or receiving basin, or their appurtenances, it shall be done as indicated on the plans or as directed by the Engineer and in the manner described elsewhere in these specifications.

Mortar.

Section No. 350. All masonry shall be laid in Portland cement mortar of the quality described in these specifications. It shall be mixed in the proportion of one (1) part of cement to two (2) parts of sand, excepting as otherwise specially provided.

Concrete.

Section No. 351. All concrete for sewers shall be made in the proportion of one (1) part of cement to two (2) parts of sand and four (4) parts of stone of the quality described in these specifications.

Paving.

Section No. 352. On the completion of each section of one hundred feet of sewer the sidewalks and roadways shall be restored as provided under specification Subdivision 22, Surfaces Restored.

Permits for Connections.

Section No. 353. The Commissioner of Public Works shall have the right to connect any sewer or sewers with the sewers herein described or to grant permits to any person or persons to make connections therewith at any time before it is finally completed, and the Contractor shall not interfere with or place obstructions in the way of such person or persons as may be employed in building such new sewer or sewers or in making such connections. This is not to be construed, however, as permitting the introduction of storm water or sewage into any sewer being constructed under this contract before its final completion.

Thoroughly Cleaned.

Section No. 354. During the progress of the work, and until the entire completion and final acceptance thereof, the sewers, drains, basins, culverts and connections shall be kept thoroughly cleaned throughout, and left clean, and the drainage of any old sewer that may be taken up or intercepted shall be provided for and taken care of by the Contractor, all at his own expense.

Payment for Sewers.

Section No. 355. Payment for sewers will be per lineal foot of sewer complete as herein provided in Schedule Items 37 to 40, 40-A, 41 to 43, 45, except as hereinafter specifically provided. The price for each class of sewer is to include each and every item applicable thereto as herein given in sections Nos. 278 to 354 of these specifications and as otherwise provided in the contract and as indicated on the plans; excepting as is hereinafter specially provided.

Excavation.

Section No. 356. In addition to the price per lineal foot for completed sewer, as above provided, excavation will be paid for at the prices herein stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92), on the basis of size of trench stipulated in Sections Nos. 282 and 285. Payment for street surface restored shall be as provided in Schedule Item 30 (a), (e), (f) and (g).

Payment for park surface restored shall be made as stipulated in Schedule Item 31.

Steel Beams and Reinforcing Rods.

Section No. 357. Where steel beams or reinforcing rods are required and ordered, such beams and rods will be paid for in addition to the price bid for the sewer and at the prices herein stipulated for furnishing and placing such material and all work incidental thereto, in Schedule Item 20 or 21.

Automatic Flush Tanks.

Section No. 358. Where automatic flush tanks are built as provided in Section No. 348 of the specifications they will be paid for as herein provided in Article XII of the contract.

Waterproofing.

Section No. 359. Where waterproofing is required and placed in accordance with Section No. 349 of the specifications it will be paid for at the prices herein stipulated for waterproofing, Schedule Item 15 or 16.

Siphons.

Section No. 360. Where inverted siphons passing under the subway structure are called for and built, they shall be considered as part of the regular subway construction from outside to outside of the sewer chambers or between points of departure from standard sewer construction, such limits being indicated on the plans; and payment for such siphons will be made in accordance with the various classes of work or material as are applicable thereto in the schedule and at the prices therein stipulated for such items.

Cast-iron Pipe Sewers, etc.

Section No. 361. All cast-iron pipe sewers wherever built, and the parts within the limits of the Railroad, when indicated on the plans, of all other sewers crossing over or under the Railroad, will be paid for in accordance with the various classes of work or material applicable thereto in the Schedule and at the prices stipulated therein for such classes of work or material.

House and Drainage Connections.

Section No. 362. The cost of the maintenance, support or construction of all house or other drainage connections made necessary by construction under Sections Nos. 360 and 361 will be included in the prices for the several classes of work and material entering into such construction.

Sewers Under Station Platforms.

Wherever a sewer passes under a station or station platforms, all the requirements with respect to extra heavy soil pipe, special manhole castings, ventilating pipes, and sealed manhole covers, as included in Sections Nos. 301, 318, 319 and 335, respectively, apply in every respect.

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REQUIREMENTS FOR PIPES.

Generally.

Section No. 363. Whenever it is necessary to relay any water main, all new material required for the same shall be of the quality and laid in the manner specified below, and subject to the various clauses of these specifications applicable thereto.

Pipes to be Cylinders.

Section No. 364. The pipes shall be circular cylinders, with the inner and outer surfaces concentric, and of the full interior diameter required.

Hubs and Spigots.

Section No. 365. The hub or socket and the spigot end shall be shaped in exact conformity with the standards of the Department of Water Supply, to be furnished by the Commission, and will be tested by circular gauges.

Workmanship.

Section No. 366. The seat or shoulder of the socket and the end of the spigot shall be straight and even, and at right angles to the axis of the pipe, so as to make a smooth, tight joint. Special care will be required in making the sockets and spigots to conform to the drawings and all pipes will be rigorously inspected at these points. No pipe will be received whose eccentricity at either the spigot or socket ends, exceeds one-eighth (⅛) of an inch, or whose dimensions differ by more than one-eighth (⅛) of an inch from those required.

Interior Diameter.

Section No. 367. The pipes shall be designated by dimensions of the interior diameter.

Lugs, Etc.

Section No. 368. Bands, lugs, buttons, or ribs shall, if required, be cast on the pipes, of such forms and dimensions as the Engineer may direct.

Length of Pipe.

Section No. 369. The straight pipe shall be twelve (12) feet long, exclusive of hub; other pipe as may be directed.

Straightness.

Section No. 370. All straight pipes shall be straight in the direction of the axis of the cylinder.

Thickness and Weights.

Section No. 371. The thickness of the pipes, branches and special castings shall correspond with the standards of the Department of Water Supply. The weight for straight pipe shall be as follows:

60-inch pipes, special.
48-inch pipes, 9,886 pounds each.
42-inch pipes, special.
36-inch pipes, 5,920 pounds each.
30-inch pipes, 4,460 pounds each.
24-inch pipes, 2,965 pounds each.
20-inch pipes, 1,979 pounds each.
16-inch pipes, 1,458 pounds each.
12-inch pipes, 1,018 pounds each.
8-inch pipes, 542 pounds each.
6-inch pipes, 416 pounds each.

High Pressure Fire System.

Section No. 372. For high-pressure fire system standard spigot and grooves—The weights for straight pipes, with lugs, shall be as follows, in pounds per length:

	Of 3 ft.	Of 4 ft.	Of 6 ft.	Of 12 ft.
8-inch	355	420	550	935
12-inch	615	745	1,000	1,765
16-inch	1,005	1,215	1,635	2,905
20-inch	1,475	1,795	2,425	4,320
24-inch	2,105	2,585	3,535	6,385

All requirements as to weights, laying, tests, etc., shall be in strict accordance with the standard requirements of the Department of Water Supply, Gas and Electricity.

Will Be Calipered.

Section No. 373. The thickness of the metal of the pipes and special castings will be tested by calipers after the castings have been freed from sand and cleaned.

Variations in Thickness.

Section No. 374. No pipe will be received when the thickness of metal is less by more than one-twelfth (1/12) of an inch than the thickness required by the standards.

Variation in Weights of Castings.

Section No. 375. Any straight pipe, the weight of which is deficient by more than the following stated percentages of the standard weight, will be rejected:

For pipe 16" or less in diameter, 5%.

For pipe over 16" in diameter, 4%.

Excess weight in any one pipe not to exceed the above stated percentages will be paid for. The total weight, however, to be paid for shall not exceed for each size of pipe received the sum of the standard weights of the same number of pieces of the given size by more than two (2) per cent.

(The term "Standard Weight" as above used in connection with straight pipe shall be taken to mean the standard weight corresponding to the actual laying length of the pipe as furnished.)

Any special casting the weight of which is deficient by more than the following stated percentages of the standard weight will be rejected:

For special castings 12" or less in diameter, 10%.

For special castings over 12" in diameter, 8%.

Excess weight in any one special casting, not to exceed the following stated percentages, will be paid for:

For special castings 12" or less in diameter, 8%.

For special castings over 12" in diameter, 6%.

The total weight, however, to be paid for shall not exceed for the special castings received the sum of the standard weights of the same number of special castings by more than five per cent. (5%).

Straight Pipe Cast Vertically.

Section No. 376. All straight pipes shall be cast vertically, and all pipes 12 inches or more in diameter shall be cast with the hub end down.

Clean and Smooth.

Section No. 377. All the castings shall be made in such molding-sand or loam as will leave the surface clean and smooth.

Castings, How Marked.

Section No. 378. All the castings shall have the year in which they are cast, the running number of the castings of the same size and form, the letters D. W. S., and the initials or name of the Contractor, and of the foundry where cast, cast on the outer side in raised letters of not less than two (2) inches in length and one-eighth (⅛) of an inch in relief, in such manner as the Engineer may designate; and in case any pipe shall be condemned, the letters D. W. S. shall be erased by the Contractor.

Quality of Cast-Iron.

Section No. 379. The metal of which the castings are to be cast (which shall be remelted in a cupola or air-furnace) shall be pig-iron, made without any admixture of cinder-iron, or other inferior metal, and shall be of such character as to make a pipe strong, tough and of an even grain, entirely free from uncombined carbon when seen under the microscope, and such as will bear, satisfactorily, drilling and cutting, and shall have a tensile strength of at least sixteen thousand (16,000) pounds to the square inch.

Imperfections.

Section No. 380. The castings shall be free from scoria, sand holes, air bubbles, and other defects and imperfections.

Castings to Be Clean.

Section No. 381. The castings shall be perfectly cleaned and no lumps shall be left on the inner surface of the barrels or sockets, or on the outer surface of the spigot end. The castings shall be subject to hammer inspection. Iron-wire brushes shall be used, as well as softer brushes, to remove the loose dust. No acid or other liquid shall be used in cleaning the castings.

Pipes to be Coated.

Section No. 382. Every pipe, branch and special casting shall be carefully coated inside and out with coal pitch and oil. Every casting shall likewise be entirely free from rust when the coating is applied. If the casting cannot be dipped immediately after being cleaned, the surface shall be oiled with linseed oil, to preserve it until it is ready to be dipped. No casting shall be dipped after rust has set in.

Pitch.

Section No. 383. The coal-tar pitch shall be made from coal tar distilled until the naphtha is entirely removed and the material mixed with linseed oil so as to make a smooth, tough and tenacious coating. Pitch which becomes hard and brittle when cold will not answer for this use.

Temperature of Pitch.

Section No. 384. Pitch of the proper quality having been obtained, it shall be carefully heated in a suitable vessel to a temperature of three hundred (300) degrees Fahrenheit, and shall be maintained at not less than this temperature during the time of dipping. The material will thicken and deteriorate after a number of pipes have been dipped; fresh pitch shall, therefore, be frequently added, and occasionally the vessel shall be entirely emptied of its old contents and refilled with fresh pitch.

Temperature of Casting.

Section No. 385. Every casting shall attain a temperature of three hundred (300) degrees Fahrenheit, before being removed from the vessel of hot pitch. It shall then be slowly removed and laid on skids to drip.

To be Inspected Before Dipping.

Section No. 386. No casting shall be dipped until the authorized inspector has examined it as to cleaning and rust, and subjected it thoroughly to the hammer test. It may then be dipped, after which it will be passed to the hydraulic press to meet the required water test. The proper coating shall be tough and tenacious when cold on the pipes, and not brittle or with any tendency to scale off.

Tests.

Section No. 387. The castings must be capable of sustaining a pressure, in the hydraulic press, of three hundred (300) pounds to a square inch, and any casting which shows any defect by leaking, sweating or otherwise, will be rejected. This test shall be made at the foundry, and at the expense of the Contractor.

Weighed and Marked.

Section No. 388. The castings shall be weighed, and the weight distinctly marked on the castings in white paint. The Contractor shall provide at the foundry where the pipes and castings are to be manufactured proper sealed scales and weights for weighing the castings, which shall be done at the expense of the Contractor, under the supervision of the inspector.

Blocking and Wedges.

Section No. 389. Each pipe over eight (8) inches inside diameter, unless otherwise ordered, shall be placed on two (2) blocks and four (4) wedges of hemlock timber, the wedges to rest on the blocks and the pipe on the wedges.

Timber for Blocking.

Section No. 390. The blocks and wedges shall be of sound hemlock timber; 48 and 36-inch pipe shall be laid on blocks 4 feet long, 12 inches wide and 6 inches thick, with wedges 18 inches long, 6 inches wide, 4 inches thick on one end and ½ inch thick on the other; 30 and 24-inch pipe on blocks 3 feet long, 10 inches wide and 5 inches thick, with wedges 15 inches long, 5 inches wide and 3½ inches thick on one end and ½ inch thick on the other end; 12 and 20-inch pipe on blocks 2 feet long, 8 inches wide and 4 inches thick with wedges 12 inches long, 4 inches wide, 3 inches thick on one end and ½ inch thick on the other.

Joints.

Section No. 391. The spigot of the pipe shall be inserted into the hub to within from one-fourth (¼) to one-eighth (⅛) of an inch of the full depth of the hub, and the space around the pipe shall be equalized so as to give as nearly as possible an equal space for the packing. The space between the pipe and hub shall be packed with clean, sound jute packing yarn, free from tar, far enough to leave the proper space for lead. The remaining space shall then be filled by running it full of lead to a depth of four (4) inches, with a bead outside of the face of the hub large enough to allow for caulking, so that when the joint is properly caulked the lead will be flushed with the hub of the pipe. After the joint shall have been run with lead, it shall be caulked by means of proper tools, so as to make a water-tight joint.

Lead.

Section No. 392. The lead to be used shall be of the best quality of pure, soft lead, and in every respect suitable for the purpose.

Notice of Interruption to be Given.

Section No. 393. In case it becomes necessary to cut any connection with any other main, house or hydrant, or in any way to interfere with the continuous and normal flow of water, due notice shall be sent at least forty-eight (48) hours in advance to the Engineer and to the Commissioner of Water Supply, and the Contractor shall, if so ordered, make a temporary by-pass or other arrangement to preserve the flow of water while breaking connections.

Connections Interfered With.

Section No. 394. All connections cut, interfered with or injured shall be restored under the directions of the Engineer, without delay and in accordance with the rules and regulations of the Department of Water Supply governing such matters, to a suitable condition as good as existed before commencing work.

Stop Cocks, etc.

Section No. 395. Stop cocks, boxes, branches, curved pipe, and other specials according to the standards of the Department of Water Supply shall be set where necessary.

Specification of Owners Apply.

Section No. 396. For gas pipes, steam pipes, air pipes, mail tubes and any other pipes not herein enumerated, the standard weights and all other requirements shall be in accordance with the standard specifications and requirements of the several owners of such structures.

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Ducts.

Vitrified Ducts—Quality and Size.

Section No. 397. The ducts to contain cables for transmitting electricity shall be manufactured of the best clay, thoroughly mixed, burnt and vitrified, sound in all respects, straight and free from soft spots, stones, cracks or blisters liable to impair their strength or durability; in lengths generally of from eighteen (18) to thirty-six (36) inches, shorter lengths shall only be used as directed; generally in four-way form with circular holes, the diameter to be such as to pass a mandrel three and one-half (3½) inches in diameter; one, two or three-way ducts shall be used in special cases as determined by the Engineer. The interior surface of the holes to be smooth and clear of warts, tits, pits or blisters, which may tend to injure the electric cable in pulling the same through the duct. The ends to be cut smooth and at right angles to the axis of the duct and beveled on inside for three-quarters (¾) of an inch.

Thickness of Ducts.

Section No. 398. The outside walls and webs of four-way ducts to be three-quarters (¾) of an inch thick; the outside dimensions of ducts to be not less than nine and one-quarter (9¼) nor more than ten (10) inches, and constructed square on outer lines; the dimensions of single, two-way or three-way ducts shall be consistent with the above.

Ends Combed.

Section No. 399. The ends of ducts to be combed with two (2) sets of three (3) combings each, each combing to have a width of one-quarter (¼) of an inch and a depth of one-sixteenth (1-16) of an inch.

Glaze.

Section No. 400. The inside and outside of ducts to be thoroughly glazed in the most approved manner with good salt glaze.

Inspection.

Section No. 401. All ducts to be subject to inspection, both at the place of manufacture and on the work. All rejected ducts to be promptly removed by the Contractor at his expense.

How Laid.

Section No. 402. The ducts shall be laid in beds of cement mortar about one-quarter (¼) of an inch in thickness, with broken joints and with full bearing. Two (2) strips of thick unbleached muslin six (6) inches wide, and coated with neat cement mortar, shall be used to wrap each joint, the ends of the wrap to lap six (6) inches. The muslin shall be not less than 56 x 60 count, weight not less than four (4) ounces to the yard and width thirty-six (36) inches. In laying the ducts care must be taken to close abutting joints so that practically the ends of ducts shall be in contact on all sides. Where ducts are laid on curves, the wraps must be doubled if required, to protect the openings between the ends of the ducts on the outer line of the duct and to exclude all mortar from duct openings.

Mandrels.

Section No. 403. The ducts shall be laid with a linked mandrel of the length and diameter to be prescribed, the same accurately fitting the duct openings, the mandrel to be left in each duct until the next succeeding duct is laid.

Dowel Pins.

Section No. 404. The ducts shall be laid with dowel pins, at least two pins on the opposite sides horizontally.

Laid to Line.

Section No. 405. The ducts shall be so laid that the center of the holes shall be true to line and grade.

To be Rodded.

Section No. 406. After the ducts are laid, and sufficient time is given to allow the mortar in beds to set, they shall be rodded; all mortar or other foreign matter must be cleaned from the duct openings, leaving a clear and smooth opening. If obstructions are found in rodding the ducts which cannot be removed by cleaners, so as to give a clear and smooth opening sufficient to pass a three and one-quarter (3¼) inch mandrel, the ducts shall be removed and relaid; all ducts, during the construction and after being rodded, shall be plugged with suitable plugs, to be furnished by the Contractor. If wooden plugs are used they shall be immersed in water for at least eight (8) hours before being put in place.

Measurement and Payment for Vitrified Ducts.

Section No. 407. Tunnel ducts shall be paid for per duct foot in place at the price herein stipulated for tunnel ducts, Schedule Item 18, which price shall include the cost of furnishing, laying, rodding and all the material and work incidental thereto. The tunnel ducts to be provided under Schedule Item 18 shall include only those intended solely for the purpose of the operation of the Railroad, but either those incorporated in the Railroad structure or those laid on top of it.

Duct Manholes.

Section No. 408. Duct manholes shall be built at the sides of the Railroad in connection therewith and as indicated on the plans. These manholes shall be generally at intervals of about four hundred and fifty (450) feet, and shall be on either or both sides of the Railroad as necessary, in accordance with the location of the duct lines. They may vary in form as may be necessary to accommodate the work to local conditions. Sliding steel doors of an approved type and with the necessary fittings shall be provided for all duct manholes; such doors and fittings will be paid for as riveted steel, Schedule Item 19.

Duct Manholes at Stations.

Duct manholes will be built at the ends of the stations to provide for the passage of the ducts under the station platforms.

Special.

Section No. 409. At manholes the ducts will be laid to conform to the special conditions.

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Conduits.

Open Construction Required.

Section No. 410. In all work where iron pipe conduits are installed for a part of their length in the structure and for another part as open construction, the ends of such runs shall be carried outside of said structure as open construction and shall terminate in outlet or junction boxes located by the Engineer.

To Be Covered by Station Finish.

Section No. 411. The iron pipe conduits required by Section No. 410 will be built mainly in the walls, roofs or other parts of the stations; portions, however, of the runs will be left exposed, to be covered later by the station finish work.

Quality Iron Pipe Conduit.

Section No. 412. All iron conduits used for any purpose in connection with the work herein shall be of the best grade (Galvaduct or equal) standard weight wrought iron or steel piping, protected inside and out by a coat of zinc or enamel. It shall be delivered to the work in bundles of full length pipes, each length marked with the trade-mark of the manufacturer. It shall bend cold 90 degrees about a radius equal to ten diameters without signs of flaw or fracture in either pipe or enamel.

Installation.

Section No. 413. All conduits shall be carefully cleaned before and after erection, and all ends shall be reamed free from burrs, and inside surfaces shall be free from all imperfections liable to injure the cable.

Joints Water-tight.

Section No. 414. All joints shall be made with standard couplings, well treated with red lead, and screwed up to make a water-tight job.

Built in Concrete, Etc.

Section No. 415. Conduits built into concrete or other parts of the structure shall be properly protected and supported, so that the same shall not be injured by the building operations.

Not Built in Concrete.

Section No. 416. Conduits not built into the structure shall be supported by approved pipe straps located not more than eight feet apart, or in any other manner designated by the Engineer, and they shall be kept boxed or otherwise suitably protected from injury.

Bends and Offsets.

Section No. 417. Bends and offsets may be made in the field if proper tools are used, but in no case shall deformed, split or crushed conduit be erected. Not more than two right angle bends shall be made between any two outlet boxes without special approval of the Engineer.

Measurement and Payment.

Section No. 418. Measurements for the above iron pipe conduits shall be per lineal foot of single conduit placed in the work—in accordance with the requirements—and payment for the same shall be as herein stipulated in Schedule Item 32.

Outlet and Pull Boxes and Payment for Same.

Section No. 419. All outlet and pull boxes shall be made of cast iron, with openings threaded for the conduit ends, and conduits shall be screwed into these openings and made up with red lead to effect a water-tight joint. Covers shall be of cast iron and water-tight, and no other boxes or covers shall be used except under special permission of the Engineer. The price for each cast iron outlet and pull box furnished and placed in the work shall be as herein stipulated in Schedule Items 33 and 33-A.

22

Surfaces Restored.

Pavement to be Restored.

Section No. 420. As soon as the structure in any excavation or trench made within a street shall be completed and the trench backfilled, a temporary pavement shall be laid and maintained in a condition satisfactory to the Engineer; and after the earth shall have become, in the opinion of the Engineer, sufficiently settled, the Contractor shall proceed to restore the surface to a condition similar to, and equally as good as, that existing previous to the commencement of construction.

Provisions Applied to Sewer Trenches.

Section No. 421. All the requirements as to street surface restored shall apply

to the trenches for sewers, pipes or other subsurface structures along or off the line of the Railroad.

Other Sidewalks May be Laid.

Section No. 422. Nothing contained in these specifications shall be understood or construed as prohibiting the Contractor from making any arrangement with the President of the Borough, or such other officer of The City of New York as may be in charge of street paving, to lay a better or other form of street pavement in the roadway between curb lines, or to make arrangements with any property owner to lay another style of sidewalk, or other surface covering within curb lines, in place of the sidewalk or other surface covering taken up; in which case the Contractor shall file with the Commission a copy of his contract with such municipal officer or with such property owner, duly acknowledged in writing by both parties.

In case the municipal officer in charge of street paving or any property owner desires to lay a pavement in the roadway between curb lines, or a sidewalk or other surface covering within curb lines, affected by this contract, different from the one removed, and shall notify the Commission in writing that he has failed to make satisfactory arrangements for such work with the Contractor, then the Commission, in its discretion, may direct the Contractor to finish and dress off the filling over his work to such grade as the Engineer may select, and further direct him to remove from the area to be restored all material of whatever nature not required to be relaid, and to permit another contractor to lay such roadway, pavement, sidewalk or other surface covering; in which case the liability of the Contractor under this contract shall cease, as far as that part of his work is concerned, whenever the Engineer shall report to the Commission that the instructions of the Commission have been complied with, exactly the same as if the Contractor had fully completed the restoration as hereinbefore provided.

Payment For Street Surface Restored.

Section No. 423. Payment for street surface restored will be made as provided in Schedule Item 30 (a) within curb lines, and Schedule Item 30 (e), (f) and (g) between curb lines, which prices shall include the cost of restoring all curbs, manhole heads and covers, gratings, vault lights, etc., that formed a part of the original street surface; and of all temporary surfaces that may be necessary to maintain traffic pending the final placing of the permanent paving. The support of the street surface between the rails of the street railroad tracks will not constitute "street surface restored;" that is, the Contractor will not be paid for street surface restored in cases where the original pavement between the rails of street railroad tracks is not removed and replaced; nor will the area of the top surface of the rails or slot of the street railroads be measured and paid for as "street surface restored."

When required by the Engineer, the Contractor shall furnish and set contiguous to ventilating grating work and station vault light work new blue stone, curb dressed to fit the structure. This new curb, in place, including all work, labor and material incidental thereto, will be paid for at the price stipulated in Schedule Item 30 (i).

When required by the Engineer, the Contractor shall set such new curbs, or restore the old curbs contiguous to such grating and vault light work when new ones are not ordered, at a new line to be established by the President of the Borough, and such additional roadway pavement as may be required thereby will be paid for at the unit price specified in the Schedule applicable thereto.

Measurements.

Section No. 424. The measurement for payment for street and park surface restored will be to the ordered net lines of excavation.

Outside of Net Lines.

Section No. 425. All other pavement outside of the net lines of ordered excavation, either along or off the line of the Railroad, that may have become damaged, directly or indirectly, as the result of the Contractor's operations, shall be restored by the Contractor at his own cost and expense to a condition similar to and equally as good as that existing previous to the commencement of construction.

Restoration of Trees, etc.

Where any grass plots or trees exist along any street occupied by the Contractor, proper precautions must be taken to protect them from injury. For every tree removed, injured or destroyed, the Contractor shall set out a new thrifty tree of the same kind as the tree removed, injured or destroyed, and not less than fifteen (15) feet in height and not less than three and one-half (3½) inches in diameter measured two feet above the surface of the ground, and in such position as the Commissioner of Parks shall indicate. All grass plots, shrubbery and other plants removed or affected by the construction of the Railroad shall be restored as soon as possible to as good a condition as existed before the commencement of the work. In replanting trees and the replanting of grass plots the Contractor must be governed by the reasonable requirements of the Commissioner of Parks or by other authorities specially charged with the care of these trees or grass plots, and the nature and depth of the soil to be placed therein must be as approved by such authorities and by the Commission. Payment for all the work covered in this paragraph shall be included in the price paid for street surface restored within curb lines, Schedule Item 30 (a), when such work comes within the ordered net lines of excavation. All such work outside of the ordered net lines of excavation, either along or off the line of the Railroad, shall be restored at the Contractor's own cost and expense. When work such as described in this paragraph adjoins a park, it includes such work on the park sidewalks between the street roadway curbs and the lines of the park surface.

Protection of Trees, Roads, etc.

In any park or parkway the Contractor must take proper precautions to protect from injury all trees, roads, cross-paths, grass plots, shrubbery and other plants and other park features, and when the same are removed, injured or destroyed by the construction of the Railroad, they (except trees) shall be restored as soon as possible to as good a condition as existed before the commencement of the work. The nature and the depth of the soil to be placed and all other work in connection with such restoration must be governed by the reasonable requirements of the Commissioner of Parks or of other authorities responsible for the care of such parks or parkways. For every tree removed, injured or destroyed, the Contractor shall set a new tree, as provided in the preceding paragraph of this section. Payment for park surface restored will be made at the price stipulated in Schedule Item 31, which will include the cost of all work, labor and material required to restore all classes of park surface. (See Section No. 427.)

23.

Gratings, Hand-Rails, Etc.

Steel Gratings.

Section No. 426. Steel gratings shall be provided and placed over fan and other ventilating chambers, and over station approaches, at places shown on the plans, or at other places, if required by the Engineer. They will be constructed as shown on the detailed plans for gratings.

At Stations.

Steel gratings also shall be provided and placed over stations as prescribed in the preceding paragraph.

Measurement and Payment.

Gratings will be measured to the lines as constructed and payment therefor will be made as herein provided in Schedule Item 28, which price shall include the grating in place in the work, all frames and framing, and all incidental work, labor and material.

Galvanized Iron Pipe Hand Rails.

Galvanized iron pipe hand rails, of one or more horizontal rails and supported on wall brackets or on pipe posts, will be placed in the Railroad over the benches containing the ducts, or at other points where directed by the Engineer. They shall be securely fastened to the wall, bench or floor of the tunnel by means of expansion bolts, and as shown on the contract drawings. Measurements for payment will be per lineal foot of pipe rail and posts in place on the work, complete, and at the price as stipulated in Schedule Item 27.

Vault Lights.

The roofs of the stations, where under sidewalks, shall, to as great an extent as possible, consist of vault light construction. These lights shall be made with lenses, not exceeding three (3) inches in diameter, of strong glass set in cement, and the joint between the glass and the cement shall be made watertight by the use of an approved elastic composition which shall also serve to protect the glass from breaking due to the contraction of the supporting slab. They shall be provided with non-slipping treads, buttons or other devices all of design approved by the Engineer; and shall be of sufficient strength to carry, when supported in a manner similar to that in which they are to be permanently set, an equally distributed load of at least five hundred (500) lbs. per square foot without signs of failure, deformation or permanent set, when such test load is removed. The right is reserved to test at least one (1) frame or panel in every ten (10), as selected by the Engineer, and, if that fail, then the whole lot may be rejected. The vault lights must be set in place with cement, lead or other means to be absolutely waterproof; and the joint between the vault light construction and the supporting walls or beams shall be made watertight by the use of an approved elastic composition. Any tests required shall be at the Contractor's expense.

Measurement and Payment.

The area for payment for vault lights shall be to lines not exceeding one (1) foot outside of the inner faces of the supporting walls, and the price paid will be as provided in Schedule Item 29, which price shall include all work, labor and material incidental to the completed vault lights in place.

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Special Matters.

Fences, Union and Madison Squares.

Section No. 427. The Contractor at his own expense shall erect and maintain fences and traffic bridges in Union Square, and fences in Madison Square, substantially as shown on the Contract Drawings. Such fences and bridges shall be subject to all the requirements elsewhere contained herein.

The Contractor must keep all the work of subway construction in Union and Madison Squares within the fenced enclosures, but he will be permitted to prosecute such work in open-trench excavation without cover.

The Contractor will not be required to place soil or to restore the park surface (as described in the third paragraph of Section No. 425) in Union Square, within the fenced enclosures or under the traffic bridges crossing the subway trench, but, in accordance with the provisions of Subdivision 6, he shall backfill the excavation within such areas to the elevations required by the Engineer; except that all such required backfill above the elevations of the original top surface of the park will be paid for as stipulated in Section No. 90. On this backfilled surface it is understood that the Department of Parks will construct a new park surface.

Although relieved of restoring the park surface in Union Square as above described, the Contractor must carefully remove, protect and deliver to the Department of Parks, as required, the fountains and any other similar park features which may be affected by the work.

Board of Water Supply Shaft.

The Contractor at his own expense shall maintain, protect and secure the shaft and working plant of the Board of Water Supply's contractor and the Worth Monument at Madison Square.

The Contractor at his own expense will be required to cut off a small amount of steel sheet piling which has been driven by the Board of Water Supply's contractor on the westerly side of its shaft at Madison Square.

High Pressure Water Mains.

If certain high pressure water mains and their appurtenances shown on Supplementary Drawing No. E-15, and referred to in Section No. 60, are not laid until after execution of this contract, the Contractor if ordered by the Chief Engineer shall permit the laying of such high pressure water mains and their appurtenances. After being laid such high pressure mains and their appurtenances will be subject to all of the provisions of this contract in the same manner as if they were laid prior to the execution of the contract.

IV.

Security to Be Furnished by Contractor.

Contractor's Bond.

Article XXVII. Simultaneously with the execution of this contract the Contractor shall give security for the performance of his obligation by filing with the Comptroller a bond in the form annexed hereto, entitled, "Form of Bond," executed by the Contractor and by two or more sureties to be corporations or persons approved by the Commission in the sum of seventy-five thousand ($75,000) dollars. In case any of the sureties upon the bond shall become insolvent or unable in the opinion of the Commission to pay promptly the amount of such bond to the extent to which such surety might be liable, then the Contractor within ten days after notice by the Commission to the Contractor shall, by supplemental bond or otherwise, substitute another and sufficient surety to be approved by the Commission in place of the surety so insolvent or unable. If the Contractor shall fail, within such ten days or such further time as the Commission may grant, to substitute another and sufficient surety, then the Contractor shall, for all the purposes of this contract, be deemed to be in default in the performance of his obligations hereunder and upon the said bond, and the Commission may terminate the contract or may bring any proper suit or proceeding against the Contractor and the sureties, or either of them, or may require to be deducted from any moneys then in, or thereafter coming into, the hands of the City and due to the Contractor the amount for which the surety insolvent or unable as aforesaid shall have justified on the bond; and the moneys so deducted shall be held by the Comptroller as collateral security for the performance of the condition of the bond.

Deposit of Cash or Securities.

*Article XXVIII. The Contractor may at his option deposit with the Comptroller in lieu of said bond or of any part thereof, an equal amount in cash or in value of securities. If securities be deposited they shall be securities of which a schedule shall be hereto annexed, entitled "Schedule of Securities," and there shall be deposited with them the written approval of the Commission which it shall give when satisfied as to the character thereof. In case any of the securities so deposited shall, in the opinion of the Commission, at any time cease to be of the character of securities in which the savings banks of the State of New York are then authorized by law to invest moneys, or shall, in the opinion of the Commission, at any time become of less value than the value stated for it or them in the said schedule,—then within ten days after notice to the Contractor of the objection of the Commission, the Contractor shall either substitute therefor securities which shall be approved by the Commission as of the character aforesaid and as being of at least the value of the former securities to which the Commission shall have objected as such value was originally stated in the said schedule, or shall deposit with the Comptroller in cash the amount of such value of such former securities as so originally stated. In case the Contractor shall not within such ten days substitute such new securities, he shall, if the Commission so elect, be deemed to be in default in the performance of his obligations under this contract; and in addition to any and all other remedies against the Contractor or his sureties, the Commission may require the Comptroller to deduct from any moneys then due or which thereafter may become due to the Contractor under this contract, the amount of the original valuation of such securities objected to, and to hold such amount in lieu of such securities, as if part of the original deposit or as if deposited with the Comptroller as aforesaid, and such amount shall in such case be deemed to be paid to the Contractor upon the contract. The securities so objected to shall upon such substitution of securities or deposit of cash in lieu thereof be returned to the Contractor.

The City shall from time to time collect all interest, dividends or other profits or income on any securities deposited by the Contractor, and shall, when and as collected, pay the same to the Contractor. If the securities are in the form of coupon bonds the coupons as they respectively become due shall be delivered to the Contractor. If the deposit be made in cash, interest shall be paid to the Contractor at the average rate of interest received by the City on its bank balances during such period. Provided, however, that the Contractor shall not be entitled to interest, dividends or other profits or income on any securities the proceeds of which shall be used or applied as hereinafter provided.

Security For.

Article XXIX. The said deposit, whether in cash or securities, in the form and as the same shall at any time be, shall be security for the faithful performance by the Contractor of all the covenants, conditions and requirements specified and provided for in this contract. In case of any default on the part of the Contractor in such performance, and in the further case that the City shall for or by reason of such failure, whether by reason of employment of another contractor or contractors or otherwise, incur or become liable for expense through such default as hereinafter provided, then the Comptroller shall forthwith pay or apply to the use of the City the amount of such expense out of the said deposit in cash or securities or out of the portion of the deposit remaining at the time.

Sale of Securities.

Article XXX. The Comptroller shall, upon the requirement of the Commission, in order to make such payment or application to the use of the City, sell at public auction in The City of New York any of the securities which may then constitute part of such deposit upon notice to be published in three daily newspapers, the first

*Articles XXVIII to XXXII inclusive will form part of the contract only in case the Contractor elects to deposit cash or securities in lieu of a bond or to deposit corporate stock of The City of New York in lieu of retained percentages.

publication to be not less than ten days before the sale and such publication to be made three times within such ten days. Any such sale shall be adjourned from time to time if requested by the Commission. The Comptroller shall, upon the requirement of the Commission, deduct from the proceeds of any such sale, all expenses thereof and of such advertisement, and pay and apply to the use of the City so much of the residue of such proceeds as may be necessary for the purpose aforesaid. And the Contractor within ten days after notice from the Commission so to do shall (unless the time be extended by the Commission) by further deposit, according to the requirement of the Commission, of money or securities of the character aforesaid approved by the Commission restore the said deposit with the Comptroller to the full amount originally required. In addition to, or in lieu of, the sale above provided for, the Commission may, in the name of and in behalf of the City, bring any appropriate suit or proceeding in any proper court to enforce the lien and claim of the City in and upon the said deposit, whether such deposit be in money or securities.

Retention of Security.

Article XXXI. If at any time when the Contractor shall otherwise be entitled to a return of the said deposit, there shall be pending any claim for damages or loss caused to others by the negligence, fault, or default of the Contractor, for which it shall be claimed that the City shall be liable, then and in that case the said deposit, or such part thereof as the Commission shall prescribe, shall, upon the requirement of the Commission, be reserved by the Comptroller for a reasonable time as security to the City against such claims. And the amount of any such damages or costs paid by the City to others or for which the City shall be liable to others, shall be deducted from the said deposit before the same shall be returned to the Contractor as hereinafter provided.

On Completion of Works.

Article XXXII. When the Contractor shall have fully completed the Works according to the terms of this contract and the Commission shall so certify, the Comptroller shall pay and deliver to the Contractor the said deposit, or so much thereof as shall not have been reserved or used or applied for any of the purposes above mentioned.

Retained Percentages.

Article XXXIII. In addition and as further security there shall be deducted fifteen per centum (15%) of the amounts certified from time to time to be due to the Contractor until the amount so deducted and retained shall equal ten (10) per centum of the sum of the amounts resulting from the product of the estimated approximate quantities and the Unit Prices as contained in the Schedule of Unit Prices in the Contractor's proposal. Thereafter there shall be so deducted and retained for such purpose ten (10) per centum of amounts certified from time to time to be due to the Contractor. The Contractor may from time to time withdraw portions of the amounts so to be retained upon depositing with the Comptroller corporate stock of The City of New York of a market value equal to the amount so withdrawn, in which event the provisions of this chapter in respect of securities shall also apply to such corporate stock.

V.

Payments to Contractor.

Partial Payments.

Article XXXV. In order to assist the Contractor to prosecute the work advantageously, the Engineer shall, from time to time, as the work progresses, but not oftener than once a month, make in writing an estimate, such as in his opinion shall be just and fair, of the amount and value of the work done and materials incorporated in the work by the Contractor according to the terms of this contract (but it is understood that in making such estimates the Engineer shall not necessarily be governed by the unit prices contained in the Contractor's proposal), provided, however, that estimates may at any time be withheld or reduced, if, in the opinion of the Engineer, the work is not proceeding in accordance with the contract. The first such estimate shall be of the amount and value of the work done and materials incorporated in the work since the Contractor commenced the performance of this contract on his part. Every subsequent estimate except the final estimate shall be of the amount and value of the work done and materials incorporated in the work since the last preceding estimate was made, provided, however, that no such estimate shall be required to be made when, in the judgment of the Engineer, the total value of the work done and materials incorporated in the work since the last preceding estimate amounts to less than ten thousand ($10,000.00) dollars. The Engineer shall further include accepted structural iron and steel delivered on the site of the work, or on property owned or leased by the City, but not incorporated in the work, at the rate of fifty ($50) dollars per ton of two thousand pounds. But the quantity of such structural iron and steel included in any partial estimate shall not exceed the quantity of such material, as determined by the Engineer, required for the ensuing six months, and any material included in a partial estimate which may subsequently become unsatisfactory shall be deducted from succeeding partial estimates. No materials not incorporated in the work, excepting such structural iron and steel, shall be included in partial estimates.

Not by Strict Measurement.

Article XXXVI. Such estimates shall not be required to be made by strict measurement, but they may be made by measurement or by estimation, or partly by one method and partly by the other, and it shall be sufficient if they are approximate only.

Vouchers.

Article XXXVII. Upon each such estimate being made and certified in writing to the Commission, the Commission shall forthwith prepare and certify a voucher for eighty-five or ninety per cent. of the amount stated in such estimate or certificate to be the value of the work done and materials furnished as provided in Article XXXIII, and the City shall within thirty (30) days after the date of the certification of such voucher by the Commission pay the same; provided, however, that the City may at all times reserve and retain from said partial payments, or any of them, in addition to the ten or fifteen per cent. above mentioned to be retained and reserved, any sum or all sums which by the terms hereof, or of any law of the State of New York passed prior to the date hereof, it is or may be authorized to reserve or retain.

Final Estimate.

Article XXXVIII. Whenever, in the opinion of the Engineer, the Contractor shall have completely performed this contract on his part, the Engineer shall so certify, in writing, to the Commission, and in his certificate shall state, from actual measurements, the whole amount of work done by the Contractor, and also the value of such work under and according to the terms of this contract. On the expiration of ninety (90) days after the acceptance by the Commission of the work herein agreed to be done by the Contractor, and the filing of a certificate of the completion and acceptance of the work in the office of the Comptroller, signed by the Engineer and the Commission, the City shall pay to the Contractor the amount remaining after deducting from the amount or value stated in the last-mentioned certificate, all such sums as shall theretofore have been paid to the Contractor under any of the provisions of this contract, and also any sum or all such sums of money as by the terms hereof the City is or may be authorized to reserve or retain; provided, that nothing herein contained shall be construed to affect the right, hereby reserved, of the Commission to reject the whole or any portion of the aforesaid work, should the said certificate be found, or known to be, inconsistent with the terms of this contract, or otherwise improperly given. All prior certificates upon which partial payments may have been made, being merely estimates, shall be subject to correction in the final certificate, which final certificate may be made without notice thereof to the Contractor, or of the measurements upon which it is based.

Interest in Case of Delayed Payments.

Article XXXIX. If the payment of the amount due the Contractor on any voucher shall be delayed beyond the time stipulated in Article XXXVII, in the case of partial payment, or Article XXXVIII., in the case of final payment, the City shall pay the Contractor interest on such amount at the rate of four and one-half (4½) per cent. per annum for the period of such delay; it being understood that such payments of interest, if any, are to be in lieu of any claim of the Contractor for alleged damages for breach of contract or otherwise in case of delayed payments. The term for which interest shall be paid shall be reckoned, in the case of a partial payment, from the thirtieth day after the certification of such voucher by the Commission, and in the case of a final payment from the ninetieth day after the acceptance of the work by the Commission, to the date of payment of the voucher. The date of payment of a voucher shall be considered the day on which the voucher is ready for payment as evidenced by the records of the Department of Finance. If interest shall become due on any partial payment the amount thereof, as determined by the Commission, shall be added to a succeeding payment. If interest shall become due on a final payment it shall be paid on a supplementary voucher prepared by the Commission and forwarded to the Comptroller for payment in the usual manner.

No Estoppel.

Article XL. The City shall not, nor shall any Department or officer thereof, be precluded or estopped by any return or certificate made or given by the Commission, any Engineer, or other officer, agent or appointee thereof under any provision of this contract, from at any time either before or after the final completion and acceptance of the work and payment therefor pursuant to any such return or certificate, showing the true and correct amount, quality and character of the work done and materials furnished by the Contractor or any other person under this agreement, or from showing at any time that any such return or certificate is untrue and incorrect or improperly made in any particular, or that the work and materials, or any part thereof, do not in fact conform to the specifications; and the City shall not be precluded or estopped, notwithstanding any such return or certificate and payment in accordance therewith, from demanding and recovering from the Contractor such damages as it may sustain by reason of his failure to comply with this contract or the specifications.

No Waiver.

Article XLI. Neither the acceptance of the Commission or its Engineer, or any of its employees, nor any order, measurement or certificate by the Engineer, nor any order by the Commission for payment of money, nor any payment for, nor acceptance of the whole or any part of the work by the Engineer or the Commission, nor any extension of time, nor any possession taken by the Commission, or its employees, shall operate as a waiver of any portion of this contract or of any power herein reserved to the Commission, or any right to damages herein provided; nor shall any waiver of any breach of this contract be held to be a waiver of any other or subsequent breach.

Final Payment to Terminate Liability of City.

Article XLII. The acceptance by the Contractor of the last payment aforesaid shall be and shall operate as a release to the City, from all claim and liability to the Contractor for anything done or furnished for, or relating to, the work, or for any act or neglect of the Commission, the City or of any person relating to or affecting the work, except only the claim against the City for the remainder, if any there be, of the amounts kept or retained as provided in this contract.

Contractor's Claims for Damage—Statements of Damage to Be Filed with Engineer.

Article XLIII. If the Contractor shall claim compensation for any damage sustained by reason of the acts of the Commission, or its agents, he shall, within ten days after the sustaining of such damage, make a written statement of the nature of the damage sustained to the Engineer. On or before the fifteenth day of the month succeeding that in which any such damage shall have been sustained, the Contractor shall file with the Engineer an itemized statement of the details and amount of such damage, and, unless such statement shall be made as thus required, his claim for compensation may be forfeited and invalidated, and he shall not be entitled to payment on account of any such damage.

Lien Law.

Article XLIV. If at any time before or within thirty days after the whole work agreed herein to be performed and all the labor and material herein agreed to be delivered have been performed or delivered or completed and accepted by the City any person or persons claiming to have performed any labor or furnished any material toward the performance or completion of this contract shall file with the Commission and with the Comptroller of the City any such notice as is described in the Lien Law, the City shall retain until the discharge thereof from moneys under its control so much of such moneys as shall be sufficient to satisfy and discharge the amount in such notice claimed to be due, together with the costs of any action or actions brought to enforce such lien created by the filing of such notice.

VI.

Contractor's Liability for Injuries to Persons or Property.

Contractor Approves Plans as Involving no Damage.

Article XLV. The Contractor expressly admits and covenants to and with the City that the plans and specifications and other provisions of this contract, if the work be done without fault or negligence on the part of the Contractor, do not involve any danger to the foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces; and the Contractor will at his own expense make good any damage that shall, in the course of construction, be done to any such foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces. The liability of the Contractor under this covenant is absolute, and is not dependent upon any question of negligence on his part, or on the part of his agents, servants or employees and the neglect of the Engineer to direct the Contractor to take any particular precautions or to refrain from doing any particular thing, shall not excuse the Contractor in case of any such damage.

Traffic to be Maintained.

Article XLVI. The Contractor shall during the performance of the work safely maintain the traffic on streets, avenues, highways or other public places as provided in the specifications, and shall take all necessary precautions to place proper guards for the prevention of accidents, and put up and keep at night suitable and sufficient lights.

Indemnification for Accidents, etc.

Article XLVII. The Contractor shall be solely responsible for all physical injuries to persons or property occurring on account of and during the performance of the work hereunder, and shall indemnify and save harmless the City from liability upon any and all claims for damages on account of such injuries to persons or property, and from all costs and expenses in suits which may be brought against the City for such injuries to person or property; it being distinctly understood, stipulated and agreed that the Contractor shall be solely responsible and liable for and shall fully protect and indemnify the City against all claims for damages to persons or property occasioned by or resulting from blasting or other methods or processes in the work of construction whether such damages be attributable to negligence of the Contractor or his employees or otherwise.

Money Due the Contractor May be Retained to Meet Claims.

Article XLVIII. In case any claim shall be made by any person or corporation against the Contractor or the City for loss or damage to person or property as aforesaid, the amount of such claim, or so much thereof as the Commission shall deem reasonable, shall, upon the requirement and in the discretion of the Commission, be retained by the Comptroller out of any moneys thereafter growing due to the Contractor hereunder (in addition to the other sums hereinbefore authorized to be so retained), as security for the payment of such claim or claims. If and when the liability of the City or the Contractor on such claim or claims shall have been established by a judgment of a Court of competent jurisdiction, or shall have been admitted by the Contractor to be valid, the said claim or claims shall be paid from the amount so retained and the balance, if any, paid to the Contractor. Should there be any unsatisfied claims for injuries to persons or property at the time when the final estimate for the work is made and returned, the Engineer shall have the right to retain out of said final estimate a sum in his judgment sufficient to protect the City in regard to all unsatisfied claims as aforesaid and in case the amount thus retained should be insufficient to pay the amount adjudicated to be due upon such claim the City may sue for and recover from the Contractor the amount or balance as a debt from the Contractor to the City. The Engineer may further, if in his judgment such a course is necessary, at the time of making the final estimate, and as a condition to making the same, require the Contractor to continue his bond or other security or any part thereof, for a time not exceeding the time when such claims would be barred under the existing Statute of Limitations, as security against any claims then unsatisfied or not presented.

Examinations of Abutting Property.

Article XLIX. In order to safeguard the owners or tenants of abutting property and at the same time prevent unjust or fraudulent claims against the Contractor or the City in respect thereto, the Engineer shall cause a detailed examination of all adjacent or abutting property to be made before construction is begun. The owner, or tenant of each parcel or his or their duly authorized representative, shall be invited by a notice in writing delivered to a person apparently in charge of the premises, to be present, and the Contractor, or his duly authorized representative, shall attend and with the Engineer shall make such detailed examination. A complete record of the existing conditions of each parcel shall be made in triplicate, signed by the Engineer and the Contractor, and one copy shall be delivered to the owner, one to the Contractor and one shall be retained by the Commission. At such times as the Engineer may direct, and upon the completion of the work, or

upon notice to the Engineer by the owner or tenant that physical injury has occurred, further examination shall be made and the findings recorded and filed as above.

Damage to Works During Construction.

Article L. All risk of loss or damage to the Works, or to any part thereof, or to any of the materials, tools, implements or other things used in doing the work, prior to final completion, is assumed and shall be borne by the Contractor, and any such loss or damage shall be made good by the Contractor at his own cost, and the construction shall be carried forward by him in accordance with this contract, without additional cost to the City by reason of such loss or damage.

VII.

City to Secure Contractor Against Interference by Injunctions.

City's Assurances to Contractor of Right to Construct.

Article LI. The City hereby stipulates and covenants to and with the Contractor that the City will secure and assure to the Contractor so long as the Contractor shall perform the stipulations of this contract, the right to construct the Railroad as prescribed in this contract free of all right, claim or other interference, whether by injunction, suit for damages or otherwise, on the part of any owners, abutting owner, or other person; but not including any interference, legal or otherwise, by patentees or persons claiming to be patentees of tools, methods or appliances.

Claims for Infringement of Patents.

Article LII. The Contractor shall hold himself responsible for any claims made against the City for any infringement of patents by the use of patented articles in the performance and completion of the work, or of any process connected with the work agreed to be performed under this contract, or of any materials used upon the said work; and shall save harmless and indemnify the City for all costs, expenses and damages which the City shall be obliged to pay by reason of any infringement of patents used in the performance and completion of the work.

VIII.

Time for Completion, Damages for Delay, etc.

Commencement and Completion of Work.

Article LIV. Time is of the essence of this contract. The Contractor shall begin actual work within sixty (60) days after the delivery of this contract. The entire work covered by this contract shall be completed in all respects within thirty-six (36) months from the date of delivery of this contract.

Price to be Reduced for Delay.

Article LV. In the event of delay in completion of the Works beyond the period herein prescribed, or beyond the period to which such time may be extended by resolution of the Commission for good cause shown, the City shall—whether the working force be increased as provided in the specifications or not—be paid damages for such delay. Inasmuch as the amount of such damages will be extremely difficult to ascertain, especially in view of the fact that the Railroad herein contracted for is only a part of a complete system, the remainder of which is to be constructed under other contracts, it is hereby expressly agreed that damages shall be liquidated and paid by reducing the price to be paid the Contractor as follows: From the amounts which shall become payable to the Contractor after the expiration of the periods above limited (but not including the retained percentages from amounts theretofore certified to be due) there shall be deducted and retained by the City the following percentages: From the amount due for the first month after the expiration of such periods one (1) per centum thereof; from the amount due for the second month after the expiration of such periods two (2) per centum thereof; from the amount due for the third month after the expiration of such periods three (3) per centum thereof; from the amount due for the fourth month after the expiration of such periods four (4) per centum thereof; similarly from any amounts which may subsequently become due there shall be deducted a percentage, the rate of which shall equal the number of months which may have elapsed between the expiration of the periods above limited and the time when such payments shall become due. These amounts shall be deducted and retained by the City and are hereby agreed upon and determined as the measure of liquidated damages (and not as a penalty) to the City. But in case the Contractor shall be delayed by reason of any labor strike not caused or instituted or provoked by the Contractor, or by any sub-contractor, agent or representative of the Contractor (which fact the Contractor shall prove to the satisfaction of the Commission), or in case the Contractor shall be delayed by any injunction or by any interference of public authority, and in case the Contractor cannot, notwithstanding such injunction or interference, with reasonable diligence make up for the delay so occasioned by speedier work when the Contractor shall not be so interfered with, then the said date for completion shall be extended by resolution of the Commission to a date later than the expiration of the said period by the amount of the time of such delay.

Commission May Intervene in Case of Injunction.

Article LVI. But no injunction, strike or interference of public authority shall be ground for such extension except if and from the time when the Contractor shall give the Commission notice of the injunction or other cause of delay, with copies of the injunction or other orders and of the papers upon which the same shall have been granted. The Commission and the City or either shall be accorded the right to intervene or become a party to any suit or proceeding in which any such injunction shall be obtained, and to move to dissolve the same or otherwise, as the Commission or City may deem proper. If necessary the Corporation Counsel or the Counsel to the Commission or both shall be authorized by the Contractor to appear, for that purpose, as counsel or attorneys for him.

In Case of Variation of Quantities.

Article LVII. The time stipulated within which to complete the Works is based upon the quantities of the various items entering into the work as stated in the form of proposal, which are given solely for the purpose of classifying bids. In case these quantities are exceeded or diminished then an extension or diminution of the term of this contract shall be made. It is, however, understood and agreed that in case an increase in any one item is balanced or offset by diminution of other items, no change in the term shall be made, and in any event the Engineer shall determine the amount of extension or diminution of time in respect of the relative increase or reduction in the quantities involved in the final completion.

Suspension of Work and Additional Time for Performance.

Article LVIII. The commission reserves the right of temporarily suspending the execution of the whole or any part of the work herein contracted to be done, if it shall deem it for the interest of the City so to do, without compensation to the Contractor for such suspension, other than extending the time for completing the work as much as it may have been delayed by such suspension.

Extensions Not Cumulative.

Article LX. It is expressly understood, however, that the periods of extension referred to herein shall not be cumulative, but only the single period of delay giving the greatest extension shall be taken into consideration.

Permission to Complete Contract Not a Waiver.

Article LXI. The permitting of the Contractor to go on and finish the work, or any part of it, after the time fixed for its completion, or after the date to which the time for completion may have been extended, or the making of partial payments to the Contractor after any such periods, shall in no wise operate as a waiver on the part of the City of any of its rights under this contract.

IX.

Remedies in Case of Contractor's Default.

In Case of Default.

Article LXII. If the work to be done under this contract shall be abandoned by the Contractor, or if this contract shall be assigned, or the work sublet by him, otherwise than as herein specified, or if at any time the Engineer shall be of the opinion, and shall so certify in writing to the Commission that the performance of this contract is unnecessarily or unreasonably delayed, or that the Contractor is wilfully violating any of the provisions or covenants of this contract, or of the specifications, or is executing the same in bad faith or not in accordance with the terms thereof, or if the work be not fully completed within the time named in this contract for its completion, or within the time to which the completion of the contract may be extended by the Commission, the Commission may

May Take Charge of Work.

(1) Notify the Contractor, by a written notice, to discontinue all work, or any part thereof, under this contract, and thereupon the Contractor shall discontinue the work, or such part thereof, and the Commission shall thereupon have the right to contract for the completion of the Works in the manner prescribed by law, or to place such and so many persons as it may deem advisable, by contract or otherwise, to work, and complete the work herein described, or such part thereof, to take possession of and use any or all of the materials, plant, tools, equipment, supplies and property of every kind provided by the Contractor for the purpose of his work, and to procure other materials for the completion of the same, and to charge the expense of said labor and materials to the Contractor. The expense so charged shall be deducted and paid by the City out of such moneys as may be due or may at any time thereafter grow due to the Contractor under and by virtue of this contract, or any part thereof. And in case such expense shall exceed the amount which would have been payable under the contract if the same had been completed by the Contractor, he shall pay the amount of such excess to the City; and in case such expense shall be less than the amount which would have been payable under this contract if the same had been completed by the Contractor, he shall forfeit all claim to the difference; and when any particular part of the work is being carried on by the Commission, by contract or otherwise, under the provisions of this article of the contract, the Contractor shall continue the remainder of the work in conformity with the terms of this contract, and in such manner as in nowise to hinder or interfere with the persons or workmen employed, as above provided, by the Commission, by contract or otherwise, to do any part of the work, or to complete the same under the provisions of this article of the contract. And

Or Proceed Upon Bond.

(2) The City may also proceed as to the Commission shall seem proper upon the Bond or other security in its possession. And

Or May Bring Suit.

(3) The City may also bring any suit or proceeding for specific performance or for injunction or to recover damages or to obtain any relief or for any purpose proper under this contract.

X.

Miscellaneous Provisions.

Changes in the Contract.

Article LXIII. No correction or change in this contract shall be made except by written instrument duly authorized by the Commission and consented to by the Contractor and by the sureties upon his bond; but this provision shall not limit or affect the right to prescribe variations whether of construction or location of route as in this contract elsewhere provided.

Members of Commission Not Liable.

Article LXIV. No claim shall be made by the Contractor against any member of the Commission personally by reason of this contract or of any of its articles or provisions.

Contractor Not to Assign, Sublet, etc.

Article LXV. The Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this contract or his right, title or interest in or to the same or any part thereof without the previous consent in writing of the Commission, and he shall not assign by power of attorney or otherwise any of the moneys to become due and payable under this contract unless by and with the like consent. If the Contractor shall without such previous written consent assign, transfer, convey, sublet or otherwise dispose of this contract or of his right, title or interest therein or any of the moneys to become due under this contract, to any other person, company or corporation, this contract may at the option of the Commission be revoked and annulled and the City shall thereupon be relieved and discharged from any and all liability and obligations growing out of the same to the Contractor and to his assignee or transferee; and no right under this contract or to any money to become due hereunder shall be asserted against the City in law or in equity by reason of any so-called assignment of this contract or any part thereof or of any moneys to grow due hereunder unless authorized as aforesaid by the written consent of the Commission; provided that nothing herein contained shall be construed to hinder, prevent or affect an assignment by the Contractor for the benefit of his creditors made pursuant to the statutes of the State of New York.

Provisions in Case Commission Ceases.

Article LXVI. In case the Commission shall cease to exist the Legislature may provide what public officer or officers shall exercise the powers and duties of the Commission under and by virtue of this contract; and in default of such provision, such powers and duties shall be deemed to be vested in the Mayor of the City. In case any officer or officers other than the Commission shall hereafter have the powers of the Commission or any of them, then the provisions of this contract shall be applicable to such officer or officers to the extent to which the powers of the Commission shall appertain to such officer or officers, and any official act or determination of such officer or officers or of this Commission shall be sufficient hereunder, anything herein to the contrary notwithstanding, if the same be done or had by lawful vote or resolution or in such manner as the Legislature may from time to time prescribe.

Labor Law.

Article LXVII. The Contractor agrees to comply with the provisions of the Labor Law, including Section three thereof as re-enacted by Chapter 36 of the Laws of 1909. The Contractor further agrees and stipulates that no laborer, workman or mechanic in the employ of the Contractor, sub-contractor or other person doing or contracting to do the whole or a part of the work contemplated by this contract, shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; and further that the wages to be paid for a legal day's work as hereinbefore defined to all classes of such laborers, workmen or mechanics upon the work contemplated by this contract or upon any material to be used upon or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the Borough of the City, where the work hereby contemplated, about or in connection with which such labor is performed, is in its final or completed form to be situated, erected or used; and that each such laborer, workman or mechanic employed by the Contractor or by any sub-contractor or other person on, about or upon the work contemplated by this contract, shall receive such wages herein provided for. This contract shall be void and of no effect, unless the Contractor shall comply with the provisions of this section. In obedience to the requirements of Section Fourteen of the Labor Law it is further provided that if the provisions of the said Section Fourteen are not complied with, this contract shall be void.

All Necessary Legal Provisions Deemed Inserted Herein.

Article LXVIII. It is the intent and understanding of the parties to this agreement that each and every provision of law required to be inserted in this contract should be and is inserted herein. Furthermore, it is hereby stipulated that every such provision is to be deemed to be inserted herein; and if, through mistake or otherwise, any such provision is not inserted or is not inserted in correct form, then the contract shall forthwith, upon the application of either party, be amended by such insertion so as to comply strictly with the law, and without prejudice to the rights of either party hereunder.

Provision in Case of Unlawful Provision.

Article LXIX. If this contract contains any unlawful provision not an essential part of the general structure of the contract and which shall not appear to have been a controlling or very material inducement to the making thereof the same shall be deemed of no effect, and shall upon the application of either party, be struck from the contract without affecting the binding force of the contract as it shall remain after omitting such provision.

In witness whereof, this contract has been executed for The City of New York by the Public Service Commission for the First District under and by resolution duly adopted by the Commission and the seal of the Commission has been hereto affixed and attested by its Secretary and these presents have been signed by its Chairman; and the Contractor has * [hereunto set hand and seal] [caused corporate seal to be hereto affixed and these presents to be executed by proper officers] the day and year first above written.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,

By .....Chairman.

Attest: .....Secretary.

State of New York, County of New York, ss.:

On the day of , 1913, before me personally appeared Edward E. McCall and Travis H. Whitney, to me known and known to me to be the said Edward E. McCall, the chairman, and the said Travis H. Whitney, the secretary of the Public Service Commission for the First District; and the said Edward E.

* If the contractor is an individual, use the words enclosed in the first bracket; if a corporation, use the words enclosed in the second bracket.

McCall and Travis H. Whitney being by me duly sworn, did depose and say, each for himself and not the one for the other, the said Edward E. McCall, that he resides in the Borough of Manhattan, in the City, County and State of New York, that he is the chairman of the said Commission and that he subscribed his name to the foregoing contract by virtue of the authority thereof; and the said Travis H. Whitney, that he resides in the Borough of Brooklyn, in the County of Kings, City and State of New York, that he is the secretary of the said Commission and that he subscribed his name thereto by like authority; and both the said Edward E. McCall and Travis H. Whitney that they know the seal of the said Commission and that the same was affixed to the foregoing instrument by the authority of the said Commission and of a resolution duly adopted by the same.

State of New York, County of New York, ss.:
On this day of , 1912, before me personally came

to me known and known to me to be the individual described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

State of New York, County of New York, ss.:
On this day of , 1912, before me personally appeared to me known, who, being by me first duly sworn, did depose and say: That he resided in , in the State of ; that he is of , the corporation described in and which executed the foregoing instrument; that he knew the corporate seal of said company; that one of the seals affixed to said contract was such corporate seal, and that it was affixed thereto by order of the Board of Directors of said company, and that he signed his name thereto by like authority.

FORM OF CONTRACTOR'S BOND, CONSTRUCTION OF A PART OF PROPOSED RAPID TRANSIT RAILROAD ROUTES NOS. 4 AND 36, SECTION NO. 1.

Know all Men by these Presents, That

of
hereinafter called the Contractor and
and
hereinafter called the Sureties are held and firmly bound unto The City of New York, hereinafter called the City, in the sum of seventy-five thousand dollars ($75,000) lawful money of the United States of America, to be paid to the City, for which payment well and truly to be made the Contractor and the Sureties do hereby bind themselves and their, and each of their, executors, administrators, successors and assigns firmly by these presents, as follows: The Contractor to be so held and bound for the full amount of the said sum of seventy-five thousand dollars ($75,000) and each of the said Sureties to be so held and bound only for a portion of said sum as follows:

The said
for the sum of
dollars ($); the said
for the sum of
dollars ($); the said
for the sum of
dollars ($); the said
for the sum of
dollars ($).

In Witness Whereof, the Contractor and the Sureties have hereunto set their hands and seals and such of them as are corporations have caused their respective seals to be hereto affixed and these presents to be attested by the proper officers, this day of , 1913.

Whereas, The City by the Public Service Commission for the First District (hereinafter called the Commission) is about to enter into a contract with the Contractor bearing even date herewith for the construction of that portion of a Rapid Transit Railroad known at Section 1 of Routes 4 and 36, extending under Union Square and Broadway from Union Square to 26th Street, in the Borough of Manhattan in the City of New York, more particularly described in the said contract; and

Whereas, The City is about to enter into such contract with the Contractor upon the condition, and not otherwise, that this bond shall be given to the City, and upon the faith thereof,

Now, Therefore, the condition of the foregoing obligation is such that if the Contractor shall fully perform the said contract, then this obligation shall be null and void, but else it shall remain in full force and virtue.

It is expressly agreed, between the City and the Sureties (and it is upon such agreement that the City accepts this Bond) that the Sureties will and do waive any and every notice of default on the part of the Contractor; that they will and do permit the City to extend the time of the Contractor to make any payment or do any act; that no omission on the part of the City to give any notice of extension of time granted by or on behalf of the City shall be availed of by the Sureties or any of them as a defense upon this Bond; that the Sureties shall not set up or have any defense upon this Bond by reason of any alteration of the said contract unless such alteration shall be represented by a formal written instrument duly executed between the City and the Contractor which shall have been duly authorized by a vote of the Commission; and that in case of such alteration, however made, the same shall be a defense to the Sureties only to the extent of the actual injury or damage caused to the Sureties by said alteration.*

FORM OF CONTRACTOR'S PROPOSAL FOR CONSTRUCTION OF A PART OF THE BROADWAY-FOURTH AVENUE RAPID TRANSIT RAILROAD ROUTES NOS. 4 AND 36, SECTION NO. 1.

Contractor's Proposal for the Construction of a Portion of the Broadway-Fourth Avenue Rapid Transit Railroad.

Routes Nos. 4 & 36, Section No. 1.

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:
Copy of Invitation to Contractors
Copy of Form of Contract
Copy of Form of Bond

To the Public Service Commission for the First District:

1. The undersigned† do hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section No. 1 of Routes Nos. 4 and 36, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

*The execution of the bond must be duly proved before delivery in the form essential to proof to entitle a deed to record in the State of New York. Full affidavits of justification of sureties must be added.

†The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If it be a foreign corporation, proof must also be submitted of its authority to transact business in the State of New York. In case the bidder has already filed such papers with the Commission in connection with another bid he may so state and omit such papers in this instance. If the bid is submitted by a firm, the above blank must be filled in in the following form: "The firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

SCHEDULE OF UNIT PRICES.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This column not to be used by Bidder. Amount.
1	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yd	.....	160,000	.....
2a	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yd	.....	4,500	.....
3	For rock excavation, (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	54,500	....
3a	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yd.	.....	300	.....
4	For underpinning buildings, including all incidental work and material, per lineal front ft. of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front ft.	.....	780	.....
	(b) For buildings from seven to twelve stories in height, per front ft	.....	480	.....
	(c) For buildings over twelve stories in height, per front ft	.....	20	.....
4a	For maintaining, protecting and securing buildings, including all incidental work, labor and material, per lineal front ft. of building maintained, protected and secured	.....	300	.....
6	For concrete masonry in place, per cubic yd.	.....	27,900	.....
7	For protective concrete masonry in place outside of waterproofing, per cubic yd	.....	3,000	.....
8	For rubble stone masonry in place, per cubic yd.	.....	3,900	.....
8a	For dry rubble masonry, in place, per cubic yard	.....	50	.....
9	For brick masonry, in place, per cubic yd.	.....	200	....
10	For hollow terra cotta brick or tile masonry of any thickness, in place, per cubic yd	.....	50	.....
11	For grout of Portland cement, per barrel of Portland cement used	.....	1,000	.....
12	For timber piles, in place, and prepared, per lineal ft.	.....	1,000	.....
13	For timber foundations, placed and fastened, per thousand ft. B. M	.....	2M	.....
14	For broken stone or gravel in place, other than that used in concrete, per cubic yd	.....	50	.....
15	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yd	.....	8,100	.....
	(b) For 2-ply, per square yd	.....	100	.....
	(c) For 3-ply, per square yd	.....	20,200	.....
	(d) For 4-ply, per square yd	.....	100	.....
	(e) For 5-ply, per square yd	.....	100	.....
	(f) For 6-ply, per square yd	.....	100	.....
	(i) For dry-ply, per square yd	.....	100	.....
16	For waterproofing, brick laid in asphalt mastic, in place, per cubic yd	.....	1,070	.....
17	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal ft.	.....	100	.....
	(b) For 10-inch vitrified pipe, per lineal ft.	.....	100	.....
	(c) For 8-inch vitrified pipe, per lineal ft.	.....	1,600	.....
	(d) For 6-inch vitrified pipe, per lineal ft.	.....	1,500	.....
	(e) For 4-inch vitrified pipe, per lineal ft.	.....	100	.....
	(g) For 6-inch cast-iron pipe, per lineal ft.	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal ft.	.....	1,400	.....
17a	For cast-iron pipe and fittings, including specials, "extra heavy," in place, as follows:			
	(a) For 3-inch, per lineal ft	.....	50	.....
	(b) For 4-inch, per lineal ft	.....	50	.....
	(c) For 6-inch, per lineal ft	.....	280	.....
	(d) For 8-inch, per lineal ft	.....	220	.....
18	For tunnel ducts, in place, as required by Section No. 407 of the specifications, per duct foot	.....	240,000	.....
19	For riveted steel, painted and erected, per ton of two thousand pounds	.....	1,180	.....
20	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	1,910	.....
21	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	80	.....
25	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds	.....	10	.....
26	For special wire forms, in place, per pound	.....	1,000	.....
27	For one and one-half inch (1½-in.) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	4,600	.....
28	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	6,500	.....
29	For vault lights, in place, per square foot	.....	3,900	.....
30	For street surface restored:			
	(a) Within curb lines, including curbs and all structures and growths therein or thereon, per square yard	.....	4,900	.....
	(e) For repavement of roadways between curb lines with Asphalt pavement, per square yd	.....	17,900	.....
	(f) For repavement of roadways between curb lines with Belgian Block pavement, per square yd	.....	100	.....
	(g) For repavement of roadways between curb lines with Aphalt Block pavement, per square yd	.....	100	.....

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This column not to be used by Bidder. Amount.
	(i) For new blue stone curb, in place, including all incidental work, labor and material, per lineal ft.	.....	100	.....
31	For park surface restored (all classes), per square yd.	.....	400	.....
32	For wrought-iron electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-in.) wrought iron, per lineal foot	.....	5,800	.....
	(b) For one and one-half inch (1½-in.) wrought-iron, per lineal foot	.....	100	.....
	(c) For two-inch (2-in.) wrought iron, per lineal foot	.....	100	.....
	(d) For one-inch (1-in.) wrought iron, per lineal foot	.....	100	.....
33	For cast-iron outlet boxes, in place, in stations, each	.....	430	.....
33a	For cast-iron pull boxes, in place, in stations, each	.....	6	.....
34	For cast-iron pipe and fittings, including specials ("extra heavy"), in place, in stations, as follows:			
	(a) For six-inch (6-in.), per lineal ft.	.....	310	.....
	(b) For three-inch (3-in.), per lineal ft.	.....	765	.....
	SEWERS.			
	Vitrified and Cast-iron Pipe.			
37	For 12-inch vitrified pipe sewer, per lineal foot	.....	1,000	.....
38	For 15-inch vitrified pipe sewer, per lineal ft.	.....	200	.....
39	For 18-inch vitrified pipe sewer, per lineal ft.	.....	100	.....
40	For 20-inch vitrified pipe sewer, per lineal ft.	.....	100	.....
40a	For 22-inch vitrified pipe sewer, per lineal ft.	.....	200	.....
41	For 24-inch vitrified pipe sewer, per lineal ft.	.....	100	.....
42	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	5	.....
43	For cast-iron sewer pipe (special casting) in place in the work, per ton of two thousand pounds	.....	3	.....
	Egg-shaped Brick or Concrete Sewers.			
45	For 3 ft. 6 in. by 2 ft. 4 in., per lineal ft.	.....	1,100	.....
	Surface and Subsurface Structures.			
75	For street surface railroads, including the support, re-construction, re-building, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric (underground trolley) railroads, per lineal ft. of single track	.....	6,000	.....
	(b) For horse, storage battery or other independent motor operated railroads, per lineal ft. of single track	.....	100	.....
	PIPES IN STREETS.			
	For Work and Material as Called for by the Specifications.			
	Water and Gas Pipes.			
	Water Pipes.			
	For water pipes in place, as follows:			
79	For 6-inch water pipe, per lineal ft.	.....	900	.....
82	For 12-inch water pipe, per lineal ft.	.....	1,100	.....
84	For 20-inch water pipe, per lineal ft.	.....	600	.....
87	For 36-inch water pipe, per lineal ft.	.....	4,000	.....
88	For 48-inch water pipe, per lineal ft.	.....	600	.....
	Gas Pipes.			
	For cast iron gas pipes in place, as follows:			
90	For 4-inch gas pipe, per lineal ft.	.....	1,100	.....
91	For 6-inch gas pipe, per lineal ft.	.....	3,700	.....
92	For 8-inch gas pipe, per lineal ft.	.....	1,200	.....
93	For 10-inch gas pipe, per lineal ft.	.....	250	.....
94	For 12-inch gas pipe, per lineal ft.	.....	150	.....
95	For 16-inch gas pipe, per lineal ft.	.....	150	.....
96	For 20-inch gas pipe, per lineal ft.	.....	100	.....
97	For 24-inch gas pipe, per lineal ft.	.....	50	.....
98	For 30-inch gas pipe, per lineal ft.	.....	80	.....
99a	For wrought iron by-passing pipes upon or below the street surface, in place, as follows:			
	(a) For 6-inch by-passing pipe, per lineal ft.	.....	250	.....
	(b) For 8-inch by-passing pipe, per lineal ft.	.....	7,000	.....
	(d) For 12-inch by-passing pipe, per lineal ft.	.....	300	.....
	(e) For 16-inch by-passing pipe, per lineal ft.	.....	100	.....
	(f) For 20-inch by-passing pipe, per lineal ft.	.....	50	.....
	(g) For 24-inch by-passing pipe, per lineal ft.	.....	50	.....
99b	For by-passing pipes above the street surface, in place, as follows:			
	(c) For 20-inch by-passing pipe, per lineal ft.	.....	250	.....
	(d) For 24-inch by-passing pipe, per lineal ft.	.....	200	.....
	(h) For trestle support, per lineal ft.	.....	450	.....
99c	For wrought iron gas pipes, in place, as follows:			
	(b) For 6-inch gas pipe, per lineal ft.	.....	200	.....
	(d) For 10-inch gas pipe, per lineal ft.	.....	200	.....
	(e) For 12-inch gas pipe, per lineal ft.	.....	100	.....
	New Water and Gas Pipe.			
100	For new cast-iron hub and spigot straight pipe actually used as measured in place in the work, per ton of two thousand pounds	.....	200	.....
100a	For new standard weight gas pipes, true wrought iron threads and couplings included, actually used as measured in place in the work, as follows:			
	(b) For 6-inch gas pipe, per lineal ft.	.....	200	.....
	(d) For 10-inch gas pipe, per lineal ft.	.....	200	.....
	(e) For 12-inch gas pipe, per lineal ft.	.....	50	.....
101	For new cast-iron hub and spigot pipe, special castings, actually used as measured in place in the work, per ton of two thousand pounds	.....	200	.....
101a	For new malleable iron fittings for new wrought iron gas pipe, actually used as measured in place in the work, per pound	.....	500	.....
	High Pressure Fire System Pipes, Standard Spigots and Grooves.			
	For high pressure fire system pipe in place, as follows:			
102	For 8-inch high pressure fire system water pipe, per lineal ft.	.....	200	.....
103	For 12-inch high pressure water pipe, per lineal ft.	.....	1,200	.....
104	For 16-inch high pressure fire system, water pipe, per lineal ft.	.....	100	.....
	New Cast-iron Spigot and Groove Pipe for High Pressure Fire System.			
107	For new cast-iron spigot and groove straight pipe actually used as measured in place in the work, per ton of two thousand pounds.	.....	20	.....
108	For new cast-iron spigot and groove pipe, special castings, actually used as measured in place in the work, per ton of two thousand pounds	.....	10	.....
	Air Pipes.			
	For air pipe in place as follows:			
121	For 6-inch air pipe, per lineal ft.	.....	100	.....
122	For 8-inch air pipe, per lineal ft.	.....	100	.....
	New Air Pipe.			
123	For new 6-inch air pipe actually used, as measured in place in the work, per lineal ft.	.....	50	.....
124	For new 8-inch air pipe actually used, as measured in place in the work, per lineal ft.	.....	50	.....
	Mail Tubes.			
125	For 8-inch mail tube in place, per lineal ft.	.....	150	.....
126	For new 8-inch mail tube actually used, as measured in place in the work, per ton of two thousand pounds	.....	10	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	[Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75 (a)].			
127	For electric ducts and conduits, in place, as provided in Section No. 62 of the specifications, per duct ft.	.....	3,000	.....
127a	For wrought-iron pipe used as electric ducts and conduits, in place, as provided in Section No. 62 of the specifications:			
	(a) For 2½-inch wrought-iron pipe, per lineal ft.	.....	30,000	.....
	(b) For 3-inch wrought-iron pipe, per lineal ft.	.....	12,000	.....
	(c) For 3½-inch wrought-iron pipe, per lineal ft.	.....	1,000	.....
	(d) For 4-inch wrought-iron pipe, per lineal ft.	.....	100	.....
	(e) For 1½-inch wrought-iron pipe, per lineal ft.	.....	100	.....
127b	*For Johnstone six-way ducts, the sum of, per lineal ft	.....	1,300	.....

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract *a bond in the sum of seventy-five thousand dollars* ($75,000) *in the form hereto annexed with the following named Sureties, viz.:*†

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. , on the floor of the building No. , in the Borough of , in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that the Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered or make the said deposit in cash or securities; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered or make the said deposit in cash or securities, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except‡.

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated , 1913.

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*In lieu of these special ducts, the Contractor, if he so elects, may furnish clay ducts, to be paid for under Schedule Item 127.

†The bidder may, under the Rapid Transit Act, deposit cash or approved securities, in lieu of a bond; and the bidder, if desirous of so doing, may so state here, and strike out the words in italics.

‡Here insert the names and addresses of all persons interested with the bidder. If there are no such persons, strike out the word "except."

Affidavit of Verification.

City and County of New York, State of New York, ss.:

, being duly sworn, says: I am* , the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this day of , 1913.

Schedule of Securities.

(Note—If the bidder desires not to give a bond, but to deposit securities in lieu thereof, a description of the securities to be deposited for that purpose must be inserted below.

All securities when delivered must be payable to, or run in favor of, or be transferred to, the Comptroller of The City of New York.)

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 24, 1913, the Public Service Commission for the First District forwarded for consent and approval a proposed contract between The City of New York and the E. E. Smith Contracting Company, the low bidder, for the construction of Section 1 of the Broadway and 59th Street Rapid Transit Railroad (Routes Nos. 4 and 36), at an estimated cost of $2,056,702.50.

A communication transmitted with the proposed contract requested the Board of Estimate and Apportionment to prescribe a limit to the amount of bonds available to meet the requirements of the contract and also to direct the Comparoller to issue bonds to the extent above noted.

This section is 3,100 feet long and extends under Union Square from a point about 390 feet north of the southerly line of 14th street to and along Broadway to a point about 106 feet north of the northerly line of West 26th street. The section will be four-track and will include part of the station at Union Square and the station at 23d street.

I recommend the approval of the contract award as requested, by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 37 of the Rapid Transit Act, being chapter 4 of the Laws of 1891, as amended, and the provisions of section 45 of the Greater New York Charter, and the requisition of the Public Service Commission for the First District, duly made by said Commission July 24, 1913, the Board of Estimate and Apportionment hereby consents to the proposed contract to be entered into between the E. E. Smith Contracting Company and The City of New York, acting by the Public Service Commission for the First District for the following purposes:

For the construction of section 1, routes 4 and 36, of the Broadway and 59th Street Rapid Transit Railroad, beginning at a point under Union Square, in the Borough of Manhattan, about three hundred and ninety feet (390 ft.) north of the intersection of the southerly line of 14th street with the centre line of the subway and exending thence northerly under Union Square and Broadway to a point in Broadway about one hundred and six feet (106 ft.) north of the intersection of the easterly line of Broadway with the northerly line of West 26th street, at a cost not to exceed two million, fifty-six thousand, seven hundred and two dollars and fifty cents ($2,056,702.50),

—and be it further,

Resolved, That the Board of Estimate and Apportionment prescribes that the limit to the amount of proceeds of corporate stock available for the said purposes shall be two million, fifty-six thousand, seven hundred and two dollars and fifty cents ($2,056,702.50).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 30, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 24, 1913, the Public Service Commission for the First District made a sub-requisition, duly signed and attested, for the sum of $2,056,702.50 for the City's share under Contract No. 4 of the construction of Section No. 1 of Routes Nos. 4 and 36, being that portion of the proposed Rapid Transit Railroad under Broadway, which begins under Union Square in the Borough of Manhattan at a point about 390 feet north of the intersection of the southerly building line of 14th street with the centre line of the subway and extends thence northerly under Union Square and Broadway to a point in Broadway about 106 feet north of the intersection of the easterly building line of Broadway with the northerly building line of West 26th street. In connection therewith we report as follows:

The Commission, on behalf of The City of New York, proposes to enter into a contract for the construction of Section No. 1 of Routes Nos. 4 and 36, as stated, with the E. E. Smith Contracting Company. The Comptroller has submitted a report approving the form of the proposed contract. The sub-requisition is against an appropriation of $60,000,000 already made by the Board of Estimate and Apportionment on March 18, 1913, on account of the railroads to be constructed under the contract known as Contract No. 4, between The City of New York and the New York Municipal Railway Corporation for additional rapid transit roads. The authorization of $60,000,000 was made with the understanding that sub-requisitions would be made at various times to cover the City's share of any contracts or obligations necessary to execute the main contract. The $2,056,702.50 is not in addition to the $60,000,000 already authorized, but is part of it.

We recommend the adoption of the attached resolution authorizing the Comptroller to issue $2,056,702.50 as requested in the requisition of the Public Service Commission. Respectfully,

WM. A. PRENDERGAST, Comptroller; A. L. KLINE, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

The following resolution was offered:

(Sub-authorization M-5 Under Contract No. 4.)

Whereas, The Board of Estimate and Apportionment of The City of New York on March 18, 1913, by resolution adopted on that date, pursuant to the provisions of section 37 of chapter 4 of the Laws of 1891, as amended, known as the Rapid Transit Act, and section 45 of the Greater New York Charter, and a requisition of the Public Service Commission for the First District duly made under the seal of the said Commission by the Chairman and Secretary thereof on March 18, 1913, authorized and directed the Comptroller to issue corporate stock of The City of New York to the amount of sixty million dollars ($60,000,000), at such rate of interest as the Commissioners of the Sinking Fund shall prescribe the proceeds thereof to be applied to the purposes specified in said requisition as explained by a communication of said Commission transmitting the same in respect of the contract known as Contract No. 4 between The City of New York, acting by the Public Service Commission for the First District, and the New York Municipal Railway Corporation; and

Whereas, The Public Service Commission for the First District has duly made a sub-requisition under the seal of the said Commission by the Chairman and Secretary thereof, under date of July 24, 1913, on account of said requisition of the said Commission of March 18, 1913, for sixty million dollars ($60,000,000), and the appropriation made thereunder by this Board by said resolution of March 18, 1913, for the authorization of corporate stock of The City of New York from said sixty million dollars ($60,000,000), authorized as aforesaid, to the amount of two million fifty-six thousand seven hundred and two dollars and fifty cents ($2,056,702.50), for the purpose of providing the necessary means to meet the City's share under Contract No. 4 of the construction of Section No. 1 of Routes 4 and 36, being that portion of the proposed Rapid Transit Railroad under Broadway, which begins under Union Square in the Borough of Manhattan at a point about three hundred and ninety (390) feet north of the intersection of the southerly building line of Fourteenth street with the center line of the subway and extends thence northerly under Broadway and Union Square to a point in Broadway one hundred and six (106) feet north of the intersection of the easterly building line of Broadway with the northerly building line of West 26th street, by contract with the E. E. Smith Contracting Company;

Resolved, That, pursuant to the provisions of section 37 of chapter 4 of the Laws of 1891, as amended, known as the Rapid Transit Act, and section 45 of the Greater New York Charter and the said sub-requisition of the Public Service Commission for the First District dated July 24, 1913, the Comptroller be and is hereby authorized and directed to issue corporate stock of The City of New York, to the amount of two million fifty-six thousand seven hundred and two dollars and fifty cents ($2,056,702.50), on account of and not in addition to the appropriation made by this Board by resolution of March 18, 1913, in the sum of sixty million dollars ($60,000,000), pursuant to said requisition of the Public Service Commission for the First District, under date of March 18, 1913; said corporate stock in the amount of two million fifty-six thousand seven hundred and two dollars and fifty cents ($2,056,702.50), to be issued at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds thereof to be applied to the purposes specified in said sub-requisition of July 24, 1913, and as amplified herein.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Board of Estimate and Apportionment; Armory Board—Transfer of Appropriation (Cal. No. 131).

The Secretary presented the following:

City of New York, Board of Estimate and Apportionment, Office of the Secretary, 277 Broadway, June 11, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—I find that it is necessary that the appropriation to the Board of Estimate and Apportionment for "Contingencies," 1912, Code No. 1390, be further replenished. The condition of the account at this date is as follows:

The appropriation and transfers thereto to date amount to		$113,050 00
The disbursements on account thereof	$95,543 58	
The outstanding obligations for which invoices have not yet been rendered are	2,897 10	
Vouchers in the office in course of preparation	15,324 73	
		$113,765 41
Showing a deficiency of		$715 41

I request that a transfer of $1,000 be made from some unexpended balance to cover this deficit, as well as any other charges that may arise. Yours very truly,

JOSEPH HAAG, Secretary.

Department of Finance, The City of New York, Bureau of Municipal Investigation and Statistics, July 29, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On June 11, 1913, the Secretary of the Board of Estimate and Apportionment requested transfer of $1,000 to the 1912 account No. 1390, Contingencies. In connection therewith I report as follows:

It is proposed to transfer from Armory Board—Repairs and Replacements by Contract or Open Order—Maintenance of Armories—1379—Boroughs of Brooklyn and Queens. The budget appropriation for No. 1390 was $12,000. Transfers from time to time have increased the amount to $113,050. The Secretary submits the following as the condition of the account at present:

Disbursements on account thereof	$95,543 58
Outstanding obligations for which invoices have not yet been rendered	2,897 10
Vouchers in course of preparation	15,324 73
	$113,765 41

This shows a deficit of $715.41. The transfer is to cover the deficit and meet other charges that may arise. The Secretary states that this will be the final transfer to the account.

Sufficient balance remains in the debit account to permit of the transfer.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated for the year 1912, as follows:

FROM

ARMORY BOARD.

Repairs and Replacements by Contract or Open Order, Maintenance of Armories.

1379	Boroughs of Brooklyn and Queens	$1,000 00

TO

BOARD OF ESTIMATE AND APPORTIONMENT.

1390	Contingencies	$1,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following Financial matters, not on the Calendar for this day, were considered by unanimous consent:

President, Borough of Manhattan—Issue of Special Revenue Bonds (No. 132).

The Secretary presented the following:

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of $25,000, the proceeds to be used by the President of the Borough of Manhattan, to make good deficiencies in 1913 appropriations, as follows:

Repairs to pavements due to fire burns	$5,000 00
Repair to pavements due to unknown causes	4,000 00
Repair to pavements due to cuts made by Department of Water Supply, Gas and Electricity	15,000 00
Repair to sidewalks	1,000 00
	$25,000 00

—all obligations hereunder to be contracted on or before December 31, 1913.

Adopted by the Board of Aldermen July 15, 1913, a majority of all the members elected voting in favor thereof.

Approved by the Mayor July 31, 1913. P. J. SCULLY, Clerk.

Department of Finance, The City of New York, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 15, 1913, the Board of Aldermen requested special revenue bonds in the sum of $25,000, the proceeds to be used by the President of the Borough of Manhattan to cover deficiences in 1913 appropriations, as follows:

Repairs to pavements due to fire burns	$5,000 00
Repairs to pavements due to unknown causes	4,000 00
Repairs to pavements due to cuts made by Department of Water Supply, Gas and Electricity	15,000 00
Repairs to sidewalks	1,000 00
	$25,000 00

In connection therewith I report as follows:

Owing to a recent decision of the Corporation Counsel the Borough President must repair all pavements damaged by fire burns. The 1913 budgetary appropriation for this purpose was $1,500. This amount is exhausted and it is estimated that the additional sum of $5,000 will be sufficient to meet all present liabilities and anticipated expenditures during the remainder of the year.

The 1913 appropriation for repairs necessitated by unknown causes was $6,000. This amount is exhausted and there are at present requisitions in the sum of $2,500 for repairs to pavements under this heading. The amount requested, $4,000, will be sufficient for the needs to the end of the year. It is stated that with better co-operation on the part of the Police Department repairs to pavements necessitated by unknown causes would greatly diminish.

Owing to the unusually large number of hydrants installed by the Department of Water Supply, Gas and Electricity during the year, the 1913 approprition of $30,000 for pavement repairs due to their cuts has been exhausted. There are at present

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*If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of "; if a corporation, say, "the (President or other officer duly authorized) of the Company."

requisitions in the sum of $14,000 for repairs under this heading. It is estimated that the requested amount of $15,000, together with the amount requested of $1,000 for repairs to sidewalks will be sufficient for the needs to the end of the year.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on July 15, 1913, and approved by the Mayor July 31, 1913, requesting an issue of special revenue bonds in the sum of twenty-five thousand dollars ($25,000) the proceeds to be used by the President of the Borough of Manhattan to cover deficiencies in 1913 appropriations, as follows:

Repairs to pavements due to fire burns	$5,000 00
Repairs to pavements due to unknown causes	4,000 00
Repairs to pavements due to cuts made by Department of Water Supply, Gas and Electricity	15,000 00
Repairs to sidewalks	1,000 00
	$25,000 00

—all obligations hereunder to be contracted on or before December 31, 1913, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment as follows:

Contract or Open Order Service, General Repairs, Care of Highways, Pavements Other Than Stone.

Due to fire burns	$5,000 00
Due to unknown causes	4,000 00
Due to cuts made by the Department of Water Supply, Gas and Electricity	15,000 00
Sidewalks, street signs and encumbrances	1,000 00
	$25,000 00

—and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding twenty-five thousand dollars ($25,000), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Manhattan for the year 1913, as follows:

Contract or Open Order Service, General Repairs, Care of Highways, Pavements Other Than Stone.

2800	Due to fire burns	$6,500 00
	Tax levy allowance	$1,500 00
	Special Revenue Bond Allowance	5,000 00
	Total allowance	$6,500 00

Contract or Open Order Service, General Repairs, Care of Highways, Pavements Other Than Stone.

2801	Due to unknown causes	$10,000 00
	Tax Levy Allowance	$6,000 00
	Special Revenue Bond Allowance	4,000 00
	Total allowance	$10,000 00

Contract or Open Order Service, General Repairs, Care of Highways, Pavements, Other Than Stone.

2802	Due to cuts made by the Department of Water Supply, Gas and Electricity	$45,000 00
	Tax Levy Allowance	$30,000 00
	Special Revenue Bond Allowance	15,000 00
	Total allowance	$45,000 00

Contract or Open Order Service, General Repairs, Care of Highways.

2808	Sidewalks, Street Signs and Encumbrances	$1,700 00
	Tax Levy Allowance	$700 00
	Special Revenue Bond Allowance	1,000 00
	Total allowance	$1,700 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Brooklyn—Modification of Schedules and Transfer of Appropriation (No. 133).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 16, 1913.

Hon. WM. A PRENDERGAST, *Comptroller, Department of Finance, City of New York:*

Dear Sir—I transmit herewith report of the Chief Engineer of our Bureau of Highways calling attention to a shortage in some of the funds appropriated for work in our asphalt plant, and a schedule showing amounts of money which will be necessary to transfer from other accounts in the Bureau of Highways to overcome this shortage. I would thank you to kindly have your Bureau of Statistics prepare a report approving of this transfer of funds and modification of schedule as soon as possible so that our asphalt plant can be kept in operation.

The reason for this shortage is that owing to the open season we had this year our asphalt plant was kept working continuously during the months of January, February and March.

Thanking you in advance for your consideration, I remain, yours very truly

L. H. POUNDS, President, Borough of Brooklyn.

July 14, 1913.

Hon. JOHN W. TUMBRIDGE, *Superintendent of Highways:*

Dear Sir—Owing to the fact that we had open weather during the months of January, February and March we did a large amount of asphalt repair work. This has caused a considerable shortage in the fund appropriated for the asphalt plant in the Budget. Recently I put through a transfer to the fund for Asphalt Workers, which will help that situation to some extent. We will, however, face a considerable deficit in the fund for purchasing material for this asphalt repair work.

I have gone over all of our material and supply funds very carefully and find that by pruning we can cut down the other funds $8,750 and transfer that into the account of materials for the asphalt plant. There are also some slight shortages in the accounts for telephone service and boarding horses.

I am forwarding herewith statements showing the desired transfers and would request that they be sent immediately to the Comptroller, and that he be asked to make these transfers. I am now preparing contracts for asphalt materials which will be required very shortly, and am also sending statement showing just what it is necessary to purchase. Will you kindly request the Borough President to take up this matter immediately with the Finance Department. Respectfully,

H. H. SCHMIDT, Chief Engineer.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 16, 1913, the President of the Borough of Brooklyn requested transfer within the appropriations to his office for the year 1913, as follows:

FROM

Care of Highways.

2984	Motor Vehicle Supplies, Executive	$200 00
3002	Office Equipment, Engineering and Inspection	300 00
	Motorless Vehicles and Equipment.	
3011	Roadways, Viaducts and Streets	500 00
3012	Asphalt Plant	400 00
	General Plant Equipment.	
3023	Roadways, Viaducts and Streets	1,500 00
3026	Asphalt Plant	3,500 00
	Contract or Open Order Service.	
3060	Hire of Horses, Roadways, Viaducts and Streets	500 00
3062	Storage of Motor Vehicles, Executive	250 00
3083	General Plant Service, Roadways, Viaducts and Streets	2,000 00
3098	Contingencies, Engineering and Inspection	100 00
		$9,250 00

TO

Contract or Open Order Service.

3035	Highway Materials, Asphalt Plant	$8,750 00
3066	Shoeing and Boarding Horses, including Veterinary Service	100 00
3077	Telephone Service, Executive	400 00
		$9,250 00

In connection therewith I report as follows:

The request, in part, is made to provide additional funds in No. 3035 to purchase materials for the asphalt plant. Owing to the open weather last winter the asphalt plant was in operation for almost the entire first quarter of the year. During the same quarter in 1912 the plant was shut down for a large part of the time. The 1913 allowance in No. 3035 for materials was made up on the basis of a winter similar to that of 1912.

It is proposed to transfer $8,750 to No. 3035 to be used in conjunction with an unencumbered balance of about $2,500 to purchase additional materials in approximate quantities as follows:

350 tons refined asphalt, at $18.75	$6,562 50
750 cubic yards binder stone, at $1.25	937 50
3,000 cubic yards asphalt sand, at 65 cents	1,950 00
400 tons stone dust, at $2.95	1,180 00
7,500 gallons residuum oil, at $0.087	652 50
	$11,282 50

Sufficient balances remain in the debit accounts to meet the proposed transfers.

It has not been necessary, to date, to hire horses for highway work, and it is proposed to transfer $500 from No. 3060, Hire of Horses, Care of Highways, as follows:

TO

3077	Telephone Service, Care of Highways	$400 00
3066	Shoeing and Boarding Horses, including Veterinary Services, Care of Highways	100 00

These transfers are made necesasry by an increase in the number of units to be provided for Nos. 3066 and 3077.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the President of the Borough of Brooklyn for the year 1913, as follows:

FROM

PRESIDENT, BOROUGH OF BROOKLYN.

Care of Highways.

	Supplies, Motor Vehicle Supplies—	
2984	Executive	$200 00
	Purchase of Equipment—	
3002	Office Equipment, Engineering and Inspection	300 00
	Motorless Vehicles and Equipment—	
3011	Roadways, Viaducts and Streets	500 00
3012	Asphalt Plant	400 00
	General Plant Equipment—	
3023	Roadways, Viaducts and Streets	1,500 00
3026	Asphalt Plant	3,500 00
	Hire of Horses—	
3060	Roadways, Viaducts and Streets	500 00
	Storage of Motor Vehicles—	
3062	Executive	250 00
	General Plant Service—	
3083	Roadways, Viaducts and Streets	2,000 00
	Contingencies—	
3098	Engineering Inspection	100 00

TO

PRESIDENT, BOROUGH OF BROOKLYN.

Care of Highways.

	Materials, Highway Materials—	
3035	Asphalt Plant	$8,750 00
	Shoeing and Boarding Horses, Including Veterinary Services—	
3066	Roadways, Viaducts and Streets	100 00
	Telephone Service—	
3077	Executive	400 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedules, as revised, for the office of the President of the Borough of Brooklyn for the year 1913, as follows:

PRESIDENT, BOROUGH OF BROOKLYN.

	Supplies, Motor Vehicle Supplies—	
2984	Care of Highways, Executive	$700 00
	Purchase of Equipment, Office Equipment—	
3002	Care of Highways, Engineering and Inspection	99 75
	Motorless Vehicles and Equipment—	
3011	Care of Highways, Roadways, Viaducts and Streets	872 50
3012	Care of Highways, Asphalt Plant	97 50
	General Plant Equipment—	
3023	Care of Highways, Roadways, Viaducts and Streets	2,473 41
3026	Care of Highways, Asphalt Plant	744 20
	Materials, Highway Materials—	
3035	Care of Highways, Asphalt Plant	59,396 00
	Contract or Open Order Service.	
	General Repairs, Care of Public Buildings and Offices, Repairing—	
3052	Office Buildings	1,650 00
	Hire of Horses—	
3060	Care of Highways, Roadways, Viaducts and Streets	100 00
	Storage of Motor Vehicles—	
3062	Care of Highways, Executive	950 00
	Shoeing and Boarding Horses, Including Veterinary Services—	
3066	Care of Highways, Roadways, Viaducts and Streets	10,036 00
	Communication, Telephone Service—	
3077	Care of Highways, Executive	1,450 00
	General Plant Service—	
3083	Care of Highways, Roadways, Viaducts and Streets	5,500 00
	Contingencies—	
3098	Care of Highways, Engineering, Inspection	105 61

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Department of Public Charities—Modification of Schedules and Transfer of Appropriations (No. 134).

The Secretary presented the following:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—The 1913 budget contains an appropriation of $247,150 for the administration, operation and maintenance of Sea View Hospital. This appropriation appears in the budget as follows:

Contingencies, Institutional Care of Dependents.

1113 Sea View Hospital—For Administration, Operation and Maintenance of Hospital, provided that no charge shall be made against this account until segregated amounts shall have been set aside for specific purposes by the Board of Estimate and Apportionment or transferred from this account to other accounts. Transfers shall be possible from this account to any other account in the Department $247,150 00

On January 23, 1913, the Commissioner of Public Charities submitted for approval a schedule of salaries and wages, supplies, equipment and materials for Sea View Hospital, the money to be provided out of the lump sum appropriation of $247,150.

The Commissioner's request was for a force to operate and maintian the hospital after its opening. He asked for an allowance for ten months of service for a part of the force, for nine months for a part and for eight months for a part. For other small parts of the force he asked for an allowance for periods ranging from five to seven months.

The summary of his request is as follows:

Salaries, regular employees	$31,646 68
Wages, regular employees	15,173 10
Salaries, temporary employees	65,240 00
Supplies, equipment, etc.	135,090 00

This made a total of $247,150, the exact amount appropriated in the budget.

Some slight modifications were made in this request under dates of February 13, April 29 and May 27. I have delayed my report in this matter because the Sea View Hospital was not ready for occupancy, and it would have been a useless waste of the City's money to provide a force as requested. I have maintained a watch over the progress of the work on the hospital in order to determine when it would be ready for occupancy. Engineers of the Department of Finance were assigned to study the conditions in the hospital and to report upon the date of its completion. The most recent report of the Engineers shows that the buildings are or will be ready for occupancy as follows:

Administration Building.

Building completed and ready for immediate occupancy. There are a few details of unfinished work, but these can be finished without interfering with the occupancy of the building.

Six Pavilions.

These are practically completed and ready for immediate occupancy.

Kitchen and Dining Hall.

Completed and ready for occupancy. A few finishing touches that are needed will not interfere with the use of the building.

Ambulance Building and Garage.

Completed and ready for occupancy.

Power House and Laundry.

Completed and ready for use of all equipment except generators, which are awaiting the completion of the switchboard. As current is temporarily obtained from outside, the use of the generators is not at present essential. Laundry is fully equipped and ready to turn over.

Staff House.

This building will probably not be ready before December 1, 1913, but should not be delayed beyond this date.

Surgical Pavilion.

This building is well advanced toward completion, which should be not later than August 1, 1913.

Nurses' Home.

Work is being rushed on this building. It should be completed on October 1, 1913, if the present rate of work is maintained.

Two Ward Pavilions.

These buildings will not be completed before January 1, 1914.

The condition of the buildings necessary for the opening of the hospital is such that the Department of Public Charities will be able to carry out its present plan of opening the hospital for patients on October 1.

It will be necessary to provide a suitable force in addition to the small force already scheduled in the budget. The Personal Service Force, already employed at the hospital and provided for specifically in the budget, is as follows:

Medical Superintendent	$4,000 00
Clerk	900 00
Stenographer	750 00
Supervising Engineer	2,400 00
Chaplain	450 00

In addition to the Medical Superintendent, at $4,000, the Commissioner of Public Charities requests a Deputy Medical Superintendent, at $1,800, and a Lay Deputy Superintendent and Steward, at $1,800. It is planned to open the hospital with about four hundred patients and, in my opinion, it would make the administration top-heavy in a hospital with such a small census to have the additional Medical Superintendent. The position has already been established for the Deputy Superintendent and Steward at $1,560. I recommend provision for this position.

The Deputy Superintendent and Steward can give the Medical Superintendent all the assistance necessary in the administrative work of the hospital.

The following clerical force is requested:

Property Clerk and Bookkeeper	$1,200 00
Clerk and Storekeeper	1,200 00
Clerk in storehouse	900 00
Stenographer and Typewriter	900 00

I recommend a clerical force as follows:

Clerk, 1 at $960 (one meal per day).

Clerk, 2 at $600 (one meal per day).

Stenographer and Typewriter, 1 at $720 (one meal per day).

The Commissioner requested a medical staff as follows: Three Examining Physicians at $1,000; 1 Pathologist at $1,500; 1 Bacteriologist at $1,500.

This appears to be a staff much larger than will be necessary. In comparison with the Metropolitan Hospital, which is the largest hospital for tuberculosis patients in the City, the requested staff is entirely out of proportion to the number of patients that will be cared for at Sea View in the last three months of this year. I recommend one Examining Phhysician at $1,000 and one Pathologist at $1,260, both to have maintenance. The Pathologist can do all the pathological and bacteriological work necessary. There is no Pathologist in the Metropolitan Hospital which has about three times the number of patients that will be cared for at Sea View this year. However, I believe that the Sea View Hospital should be utilized for the study of tuberculosis with the view to discovery of a cure for this disease, and for that reason am recommending a Pathologist for the remainder of the year and also recommending that the Budget Committee consider the question of whether or not a Bacteriologist should be added to the staff in 1914. In view of the difficulty of getting Internes to serve in a hospital so far removed from the City and so inaccessible as the Sea View Hospital is I am recommending an authorization for three Internes at $300 each.

The Commissioner requested a Superintendent of the Training School at $1,800 and a Deputy Superintendent at $1,200. Later when it became known that the Superintendent of the Training School was not recommended at $1,800 the request for the Deputy Superintendent of the Training School at $1,200 was amended to make the salary of the Deputy Superintendent $1,800 a year.

I am informed that the $1,800 salary for Deputy Superintendent of the Training School is intended for Miss Maud J. Kean, a Supervising Nurse in the Kings County Hospital at a salary of $780 per year. If Miss Kean's services are necessary in Sea View it should not be necessary to pay her almost three times her present salary as she is already in the service of the department and can be transferred to Sea View. However, the services of a Deputy Superintendent of Training School are not necessary because there is no Training School at Sea View Hospital, and it is entirely unlikely that there ever will be a Training School of any importance. Obviously it would be almost impossible to get pupil nurses in a Training School where they could have no general hospital training, but would have experience with only one disease and that of a character which would offer practically no field for the services of a trained nurse. I recommend that the request for a Superintendent and Deputy Superintendent of Training School be denied.

The only duties which a Deputy Superintendent of Training School could perform in the absence of a Training School at the hospital can be performed by a Supervising Nurse, and I am recommending a Supervising Nurse at $1,050 to perform such duties. The salary of $1,050 is far above the average rate paid to Supervising Nurses, but I make the recommendation on the assumption that responsible duties will be placed upon the Chief Supervisig Nurse at Sea View Hospital.

The Commissioner requests seven Supervising Nurses at $750 and one Supervising Nurse at $850. I am recommending in addition to the one Supervising Nurse at $1,050, three Supervising Nurses at $750, one to have general charge of the Nurses' Home, and two to have charge of the work in the wards.

The Commissioner asked for twelve Trained Nurses at $600. In view of the large number of practical nurses employed and also in view of the fact that the class of patients to be cared for at Sea View will not make a heavy demand for the servicse of trained nurses, I am recommending four trained nurses at $600.

The Commissioner requests 363 hospital helpers, with salaries as follows: 105 at $480; 1 at $420; 12 at $360; 26 at $300; 217 at $240, and 2 at $120.

After careful inquiry into the duties to be performed by the 363 hospital helpers requested, I have been unable to find that such a large force could be employed in the hospital. With only about 400 patients for the remainder of the year, the 363 hospital helpers in addition to the nurses would give a Hospital Helper or a Nurse to almost every patient. Inasmuch as a considerable majority of the patients will be able to walk around and look after themselves it would be useless to have so many Hospital Helpers standing around in their way.

I am recommending 101 Hospital Helpers at the following rates: 88 at $240; 12 at $360; 1 at $480.

These Hospital Helpers will be employed in the wards to assist the Nurses, for cleaning purposes around the wards, to wait upon tables and dining room, to carry meals to patients unable to go to the dining room, to prepare vegetables and assist the cook in the kitchen, to make beds and for cleaning work in the ward buildings that are to be occupied by the help; assist the Gardener in work upon the grounds of Sea View Hospital, to help the Butcher, the Baker and Laundryman and to perform duties in various other places.

In addition to the 101 Hospital Helpers I am recommending 38 Practical Nurses at $480 each. Their titles will be Hospital Helpers.

Four ward buildings will be occupied by patients this fall. There are four wards to each building or sixteen wards altogether in addition to four roof wards which may be used. It is proposed to have a Practical Nurse in each ward and in the surgical ward. It will be necessary to have 38 Practical Nurses to give the services which the Commissioner believes to be required.

The Commissioner requested one Pharmacist at $1,200. Rates for Pharmacist usually range from $720 to $960. I am recommending the rate of $900 for one Pharmacist with full maintenance.

The Commissioner requested two Telephone Operators at $750 and one Telephone Operator at $480. I am recommending three Hospital Helpers at $480 to be employed as Telephone Operators as is done in other hospitals. These three Hospital Helpers for telephone service are in addition to the 101 recommended for other work.

A Morgue Keeper at $700 is requested. There is no Morgue at Sea View. Until a Morgue is erected, the Morgue at Farm Colony adjoining Sea View will be used, and it will be unnecessary to have a Morgue Keeper at Sea View.

A Chaplain at $450 is requested. There is already a Chaplain at $450 employed at Sea View, and I do not believe we should provide an additional Chaplain. The Chaplain at Sea View should not only serve for that institution but for Farm Colony.

Two Butchers at $600 are requested. I am recommending one Butcher at $600. Necessary assistance for the Butcher is provided for in the list of Hospital Helpers.

A Laundryman at $600 is requested and recommended.

One Cook at $900 and two Cooks at $600 are requested. I recommend one Cook at $720. Adequate help for the Cook is provided for in the list of Hospital Helpers.

One Dietitian requested at $900 is recommended at $720, which is the rate usually paid to Dietitians.

Three Auto-Enginemen at $1,200 and one Driver at $720 were requested originally, but the request was amended so that there would be five Auto-Enginemen at $1,200 and no Driver. I am recommending one Auto-Engineman at $960 with full maintenance and three Auto-Enginemen at $720 with full maintenance. This is equivalent to three Auto-Enginemen at $960 and one Auto-Engineman at $1,200 without mainteance.

The four Auto-Enginemen are to be used for the following vehicles:

One automobile for the general use of the hospital.

One automobile 'bus with a capacity of 16 persons to carry patients from the department boat landing at Mariners Harbor, a distance of about 5 miles from the hospital.

One automobile 'bus with a capacity of 12 persons for the transportation of employees and visitors from the nearest trolley line.

One 5-ton truck to carry supplies to the hospital from the department boat landing at Mariners Harbor.

Twelve Watchmen at $500 are requested. The Hospital Helpers recommended can be used as Watchmen for the period when Watchmen will be needed.

A Baker at $3 per day is recommended.

I recommend provision for 3 Stationary Engineers at $4.50 per day, 6 Stokers at $3 per day, and 3 Oilers at $3 per day. These will be necessary in the power plant of the hospital.

After taking over the hospital from the contractor it is expected that there will be considerable work for Plumbers, Carpenters, Electricians and Steamfitters. I am recommending a temporary force to give a sufficient number of days for 2 Plumbers at $5, 2 Carpenters at $5, 6 Electricians at $4.50, 1 Steamfitter at $5.50 and one Gardener at $3 per day.

The total amount recommended for Personal Service is $33,576.50.

Supplies.

The amount originally requested for food supplies was $79,366.22. This was amended on May 27 to read $72,666.22. The hospital will be opened for patients for three months this year. A large number of the employees will be on duty before that time. An appropriation of $13,000 would probably be entirely adequate for food supplies for employees and patients, but I am recommending $15,000.

The Commissioner requested $32,024 for Fuel Supplies. I recommend $20,000 for Fuel Supplies.

The Commissioner requested $2,000 for Medical and Surgical Supplies, $2,000 for Laundry, Cleaning and Disinfecting Supplies. I recommend $1,000 for each of these two classes of supplies.

I recommend $100 for Office Supplies, as requested, and $100 for Educational and Recreational Supplies. The latter item is to provide magazines, games and books for the patients.

I recommend $800 for Motor Vehicle Supplies, instead of the $1,000 requested.

I recommend $500 for General Plant Supplies, as requested.

The total amount recommended for Supplies is $38,500.

Equipment.

The original request for Purchase of Equipment was $15,100. This was increased on May 27 to $20,600, as follows:

Household Equipment	$2,000 00
Medical and Surgical Equipment	500 00
Motor Vehicles and Equipment	14,500 00
Wearing Apparel	3,000 00
Educational and Recreational Equipment	100 00
General Plant Equipment	500 00
Total	$20,600 00

I am recommending Equipment as follows:

Household Equipment	$1,000 00
Medical and Surgical Equipment	500 00

Motor Vehicles and Equipment	13,500 00
Wearing Apparel	2,000 00
Educational and Recreational Equipment	100 00
General Plant Equipment	500 00
Total	$17,600 00

The $13,500 for Motor Vehicles and Equipment is divided as follows:

1 5-ton truck (to carry supplies)	$4,000 00
1 16-passenger automobile 'bus (to carry patients)	4,500 00
1 12-passenger automobile 'bus (to carry employees and visitors)	4,000 00
1 passenger automobile	1,000 00

It will not be necessary to purchase an automobile ambulance as the one now in use at the Farm Colony will be transferred to the Sea View Hospital. I am recommending $500 for General Plant Materials to be used for the purchase of such materials as may be necessary to make repairs by departmental labor.

I am recommending $500 for General Repairs and $300 to cover such repairs as may be necessary on the five vehicles to be used by the hospital. I recommend $100 for Carfare and $600 for Telephone Service.

The summary of the amounts originally requested and the amounts recommended is as follows:

	Requested.	Recommended.
Personal Service	$112,059 78	$33,576 50
Supplies, Equipment, etc.	135,090 22	58,100 00
Total	$247,150 00	$91,676 50
Appropriation in Budget		$247,150 00
Already transferred to other accounts from Sea View appropriation		76,192 88
Balance in appropriation		$170,957 12
Total required for schedules recommended		91,676 50
Balance unassigned		$79,280 62

In the preparation of this report conferences have been held with representatives of the Board of Estimate's Committees on Hospitals. These conferences have confirmed my belief that the amounts herein recommended are sufficient. It may be that the hospital will not be ready for occupancy as early as is now anticipated. It will not be necessary to complete all the buildings before it can be operated as now planned. It is the intention of the Commissioner to quarter the staff in the Administration or the Surgical Building until the Staff House is completed.

As no provision has been made for housing the employees of the hospital other than the Staff and Nurses it will be necessary to use one or two of the six ward pavilions that are practically completed as dormitories for male and female help. It is not expected that the two remaining ward buildings will be completed this year, so that it is practically certain that not more than four ward buildings can be used for patients this year. The capacity of each ward building, not counting the roof, is 100, and with four buildings in use there can be only 400 patients outside of the patients who might be cared for on the roof.

If it should develop that the amounts recommended are insufficient there would still remain a considerable balance in the appropriation which can be made available at any time by a resolution of the Board of Estimate and Apportionment segregating the amounts to the purposes for which it is needed.

The Supervising Nurses, Trained Nurses and Practical Nurses, with the exception of one Supervising Nurse, are provided for from October 1. The Examining Physician, Pathologist and three Internes also are provided for from October 1. The clerical staff, with the exception of the additional Stenographer, is provided for from August 1. The Stenographer is provided for from September 1. The Deputy Superintendent and Steward is provided for from August 1. Most of the other employees are provided for from September 1, except per diem employees, who will be provided for from August 1, and the Hospital Helpers, who will be employed as required. As before noted some of the Hospital Helpers will be required as Watchmen in the period after the buildings are accepted and before they are fully occupied. The amount allowed for Hospital Helpers is sufficient to provide for the entire force of 101 from September 1, but some of the Hospital Helpers may be required before that time and most of them will not be required until October 1. It is likely that the amount recommended for Hospital Helpers will be more than sufficient to provide for the number recommended, because of the fact that it will not be necessary to employ them as early as the date for which provision is made.

Attached hereto are resolutions which if adopted will carry my recommendations into effect. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Public Charities for the year 1913, as follows:

FROM

Contingencies, Institutional Care for Dependents.

1113	Sea View Hospital	$7,072 50

TO

Personal Service, Wages Regular Employees, Administration.

961	Executive	$7,072 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the schedules, as revised, for the Department of Public Charities for the year 1913, as follows:

DEPARTMENT OF PUBLIC CHARITIES.

Personal Service, Wages Regular Employees, Administration.

961	Executive (Yearly Force)—	
	Foreman of laborers, 1 at $6 per day, (303 days)	$1,818 00
	Painters, 14 at $4 per day (278 days)	15,568 00
	Carpenters, 13 at $5 per day (278 days)	18,070 00
	Plumbers, 5 at $5 per day (278 days)	6,950 00
	Steamfitters, 4 at $5.50 per day (278 days)	6,116 00
	Tinsmith, 1 at $4.50 per day (278 days)	1,251 00
	Blacksmith, 1 at $4.50 per day (278 days)	1,251 00
	Mason, 1 at $4.50 per day (278 days)	1,251 00
	Electrician, 1 at $4.50 per day (365 days)	1,642 50
		$53,918 00
	Five Months' Force (153 days for 365 day basis; 115 days for 278 day basis)—	
	Plumbers, 2 at $5 per day (115 days)	$1,150 00
	Carpenters, 2 at $5 per day (115 days)	1,150 00
	Electricians, 6 at $4.50 per day (153 days)	4,131 00
	Steamfitter, 1 at $5.50 per day (115 days)	632 50
		$7,063 50

Contingencies, Institutional Care for Dependents.

1113	Sea View Hospital—Balance unassigned	$79,280 62
	Personal Service, Salaries, Temporary Employees—	
	Administration—	
	Deputy Superintendent and Steward at $1,560 per annum (5 months)	$650 00
	Clerk, at $600 per annum (5 months)	250 00
		$900 00
	Operation—	
	Examining Physician, at $1,000 per annum (3 months)	250 00
	Pathologist, at $1,260 per annum (3 months)	315 00
	Internes, at $300 per annum (9 months)	225 00
	Supervising Nurse, at $1,050 per annum (4 months)	350 00
	Supervising Nurse, at $750 per annum (9 months)	562 50
	Trained Nurse, at $600 per annum (12 months)	600 00
	Pharmacist, at $900 per annum (4 months)	300 00
	Clerk, at $960 per annum (5 months)	400 00
	Clerk, at $600 per annum (5 months)	250 00
	Butcher, at $600 per annum (4 months)	200 00
	Stenographer and Typewriter, at $720 per annum (4 months)	240 00
	Hospital Helper, at $480 per annum (12 months)	480 00
	Dietitian, at $720 per annum (4 months)	240 00
	Cook at $720 per annum (4 months)	240 00
	Laundryman at $600 per annum (4 months)	200 00
	Auto Engineman at $960 per annum (4 months)	320 00
	Auto Engineman at $720 per annum (12 months)	720 00
	Hospital Helper at $480 per annum (114 months)	4,560 00
	Hospital Helper at $240 per annum (352 months)	7,040 00
	Hospital Helper at $360 per annum (48 months)	1,440 00
	Hospital Helper at $480 per annum (4 months)	160 00
		$19,092 50
	Wages, Regular Employes (five months' force) (365 day basis) Operation—	
	Engineer, 3 at $4.50 per day (153 days)	$2,065 50
	Stoker, 6 at $3 per day (153 days)	2,754 00
	Oiler, 3 at $3 per day (153 days)	1,377 00
		$6,196 50
	Wages Temporary Employees, Operation—	
	Baker, 1 at $3 per day (105 days)	$315 00
	Supplies—	
	Food Supplies	$15,000 00
	Fuel Supplies	20,000 00
	Office Supplies	100 00
	Medical and Surgical Supplies	1,000 00
	Laundry, Cleaning and Disinfecting Supplies	1,000 00
	Educational and Recreational Supplies	100 00
	Motor Vehicle Supplies	800 00
	General Plant Supplies	500 00
		$38,500 00
	Purchase of Equipment—	
	Household Equipment	$1,000 00
	Medical and Surgical Equipment	500 00
	Motor Vehicles and Equipment	13,500 00
	Wearing Apparel	2,000 00
	Educational and Recreational Equipment	100 00
	General Plant Equipment	500 00
		$17,600 00
	Materials, General Plant Materials	$500 00
	Contract or Open Order Service—	
	General Repairs	$500 00
	Motor Vehicle Repairs	300 00
	Transportation, Carfare	100 00
	Communication, Telephone Service	600 00
		$1,500 00
	Total Schedules	$84,604 00
	Balance Unassigned	79,280 62
	Total Appropriation	$163,884 62

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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Department of Parks, Borough of The Bronx—Modification of Schedules and Transfer of Appropriation (No. 135).

The Secretary presented the following.

The City of New York, Department of Parks, Office of Commissioner for the Borough of The Bronx, Zbrowski Mansion, Claremont Park, July 16, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment,* City Hall, New York City:

Sir—Application is hereby respectfully made for the transfer of funds appropriated to this department for the year 1913, as follows:

FROM

1640	Office Supplies, Administration, Executive	$200 00
1676	Contract or Open Order Service, Transportation, Shoeing and Boarding Horses, Including Veterinary Service, Care of Parks and Boulevards, Operation of Stables	300 00

TO

1679	Contract or Open Order Service, General Plant, Service, Administration, Executive	$200 00
1668	General Plant, Materials, Care of Parks and Boulevards, General	300 00

The unencumbered balance, Code 1679, at this date is $51.65.

Under Code 1640 there was an allowance made of $250 for carfares when it should have been made under Code 1679.

The Unencumbered Balance, Code 1668, at this date is $19.62. As the unencumbered balances of the accounts to which transfers are requested are very small, the prompt attention of your Honorable Board is requested. Respectfully,

THOMAS J. HIGGINS, Commissioner of Parks, Borough of The Bronx.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 16, 1913, the Commissioner of Parks, Borough of The Bronx, requested transfer of $500 within appropriations to his department for the year 1913, as follows:

FROM

1640	Office Supplies, Administration, Executive	$200 00
1676	Contract or Open Order Service, Transportation, Shoeing and Boarding Horses, Including Veterinary Service, Care of Parks and Boulevards, Operation of Stables	300 00

TO

1679	Contract or Open Order Service, General Plant Service, Administration, Executive	$200 00
1668	General Plant Materials, Care of Parks and Boulevards, General	300 00

The purpose is to provide funds for Accounts Nos. 1679 and 1668 to meet the necessary expenses for the remainder of the year. The unencumbered balance in Account No. 1679, on July 15, was $51.65 and in Account No. 1668, $19.62.

Sufficient balances remain in the debit accounts to meet the proposed transfers.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the Department of Parks, Borough of The Bronx, for the year 1913, as follows:

FROM

1640	Supplies, Office Supplies, Administration, Executive	$200 00
1676	Contract or Open Order Service, Transportation, Shoeing and Boarding of Horses, including Veterinary Service, Care of Parks and Boulevards, Operation of Stables	300 00

TO

1679	General Plant Service, Administration, Executive	$200 00
1668	Materials, General Plant Material, Care of Parks and Boulevards, General	300 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of

Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Parks, Borough of The Bronx, for the year 1913, as follows:

1640	Supplies, Office Supplies, Administration, Executive	$500 00
1668	Materials, General Plant Materials, Care of Parks and Boulevards, General	1,264 59
1676	Contract or Open Order Service, Transportation, Shoeing and Boarding Horses, Including Veterinary Service, Care of Parks and Boulevards, Operation of Stables	714 50
1679	General Plant Service, Administration, Executive	548 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Queens—Modification of Schedules and Transfer of Appropriation (No. 136).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Queens, Long Island City, July 29, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman, Board of Estimate and Apportionment, City of New York:*

Sir—Pursuant to the provisions of section 237 of the Greater New York Charter, application is hereby made for a revision of funds allotted to the office of the President of the Borough of Queens, for the year 1913, to wit:

PRESIDENT OF THE BOROUGH OF QUEENS.

Personal Service, Wages, Temporary Employees, Care of Highways.

		Present.	Proposed.
3143TS	Roadways, Viaducts and Streets, Tax Levy and Special and Trust Fund Force—		
	Foreman, at $4 per day (6,571 days)	$26,284 00	$26,284 00
	Assistant Foreman, at $3.25 per day (8,071 days)	26,230 75	26,230 75
	Mechanic's Helper, at $3 per day (720 days)	2,160 00	*1,260 00
	Ship Carpenter, at $4.50 per day (415 days)	1,867 50	1,867 50
	Carpenter, at $4.50 per day (521 days)	2,344 50	2,344 50
	Steam Roller Engineer, $4.50 (2,706 days)	12,177 00	12,177 00
	Stone Mason, $4.50 per day (425 days)	1,912 50	1,912 50
	Flagger, at $3 per day (275 days)	825 00	825 00
	Paver, at $5 per day (4,025 days)	20,125 00	20,125 00
	Rammer, at $4 per day (2,050 days)	8,200 00	8,200 00
	Laborer, $3.50 per day (5,071 days)	17,748 50	17,748 50
	Laborer, $3 per day (7,284 days)	21,852 00	21,852 00
	Laborer, $2.50 per day (95,429 days)	238,572 50	238,572 50
	Blacksmith, at $4 per day (556 days)	2,224 00	2,224 00
	Blacksmith's Helper, at $3 per day (283 days)	849 00	849 00
	Striper, at $3.50 per day (278 days)	973 00	973 00
	Schedule total	$384,345 25	$383,445 25
	Tax levy allowance	$359,595 25	$358,695 25
	Special and trust fund allowance	24,750 00	24,750 00
	Total allowance	$384,345 25	$383,445 25

*420 days.

TO

PRESIDENT OF THE BOROUGH OF QUEENS.

Wages, Temporary Employees, Care of Highways, Engineering and Inspection.

		Present.	Proposed.
3142TS	Tax Levy and Special and Trust Fund Force—		
	Inspector, at $4 per day	$22,500 00	$22,500 00
	Tax Levy, part allowance	$2,404 00	$3,304 00
	Special and trust fund allowance	20,096 00	19,196 00
	Total allowance	$22,500 00	$22,500 00

The above revisions involve the transfer of $900 from 3143TS, Tax Levy Allowance, to 3142TS, Tax Levy Allowance.

Fund 3142TS is entirely exhausted, and as both of these lines are under temporary schedule, I would request that this transfer be granted, as seven (7) Inspectors have had their full vacation, namely, two weeks, four (4) have had one week's vacation, and the balance have had no vacation at all, and unless this revision be allowed, they will be compelled to give up the vacational period assigned to them.

Yours very truly, JOSEPH FLANAGAN, Acting President of the Borough of Queens.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 31, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 29, 1913, the Acting President of the Borough of Queens requested modification of two temporary wage schedules in his office for the year 1913. In connection therewith I report as follows:

The request is in Personal Service, Wages, Temporary Employees, Care of Highways, 3142TS, Engineering and Inspection, and in No. 3143TS, Roadways, Viaducts and Streets. In No. 3143TS, it is proposed to decrease the line Mechanic's Helper, at $3 per day, by 300 days. The total, amounting to $900, is to be transferred to account No. 3142TS, thereby increasing the Tax Levy Part Allowance of this schedule to $3,304. This transfer is requested in order to provide for a two weeks' vacation for the Inspectors. The present balance in this account is approximately $600, while the vacations will amount to over $900.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Queens for the year 1913, as follows:

FROM

Personal Service, Wages Temporary Employees, Care of Highways.

3143TS	Roadways, Viaducts and Streets	$900 00

TO

Personal Service, Wages Temporary Employees, Care of Highways.

3142TS	Engineering and Inspection	$900 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Queens, for the year 1913, as follows:

Personal Service, Wages Temporary Employees, Care of Highways.

3143TS	Roadways, Viaducts and Streets, Tax Levy and Special and Trust Fund Force—	
	Foreman, at $4 per day (6,571 days)	$26,284 00
	Assistant Foreman, at $3.25 per day (8,071 days)	26,230 75
	Mechanic's Helper, at $3 per day (420 days)	1,260 00
	Ship Carpenter, at $4.50 per day (415 days)	1,867 50
	Carpenter, at $4.50 per day (521 days)	2,344 50
	Steam Roller Engineer, at $4.50 per day (2,706 days)	12,177 00
	Stone Mason, at $4.50 per day (425 days)	1,912 50
	Flagger, at $3 per day (275 days)	825 00
	Paver, at $5 per day (4,025 days)	20,125 00
	Rammer, at $4 per day (2,050 days)	8,200 00
	Laborer, at $3.50 per day (5,071 days)	17,748 50
	Laborer, at $3 per day (7,284 days)	21,852 00
	Laborer, at $2.50 per day (95,429 days)	238,572 50
	Blacksmith, at $4 per day (556 days)	2,224 00
	Blacksmith's Helper, at $3 per day (283 days)	849 00
	Striper, at $3.50 per day (278 days)	973 00
	Schedule total	$383,445 25
	Tax Levy Allowance	$358,695 25
	Special and Trust Fund Allowance	24,750 00
	Total allowance	$383,445 25

Care of Highways.

3143TS	Engineering and Inspection, Tax Levy and Special and Trust Fund Force—	
	Inspector at $4 per day (5,625 days)	$22,500 00
	Tax Levy Part Allowance	$3,304 00
	Special and Trust Fund Allowance	19,196 00
	Total allowance	$22,500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Queens—Issue of Special Revenue Bonds and Approval of Schedule (No. 137).

(On April 3, 1913, the resolution of the Board of Aldermen was referred to the Comptroller).

The Secretary presented the following:

In the Board of Aldermen.

Resolved, That pursuant to the provisions of section 188 of the Greater New York Charter, the Comptroller is hereby authorized to issue special revenue bonds to an amount not exceeding twenty thousand dollars ($20,000), proceeds whereof to be expended by the President of the Borough of Queens, for the purpose of rebuilding sea wall on the westerly side of the Boulevard, from a point about 100 feet south of Jamaica avenue to a point about 200 feet north of Temple street, 1st Ward, of the Borough of Queens.

Adopted by the Board of Aldermen March 18, 1913, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor April 1, 1913, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it. P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 31, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On March 18, 1913, the Board of Aldermen adopted a resolution requesting $20,000 in special revenue bonds for the President of the Borough of Queens, for the purpose of rebuilding sea wall on the westerly side of the Boulevard, from a point about 100 feet south of Jamaica avenue to a point about 200 feet north of Temple street, 1st Ward of the Borough of Queens. In connection therewith I report as follows:

The distance between the points mentioned is approximately 914 feet. It is proposed to repair about 421 feet of this wall, the remainder being in good condition. The work will necessitate taking down the present wall and rebuilding on a suitable foundation utilizing as much of the old material as is found suitable for the new work. It is also proposed to erect a guard rail along the entire wall, wherever needed. It is necessary that this wall be rebuilt to retain the roadway, now under contract for repaving. The repaving has been suspended pending the reconstruction of the wall.

I recommend the adoption of the attached resolutions granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on March 18, 1913, requesting an issue of special revenue bonds in the sum of twenty thousand dollars ($20,000), the proceeds whereof to be expended by the President of the Borough of Queens for the purpose of rebuilding sea wall on the westerly side of the Boulevard, from a point about 100 feet south of Jamaica avenue to a point about 200 feet north of Temple street, First Ward of the Borough of Queens, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding twenty thousand dollars ($20,000), redeemable from the tax levy of the year succeeding the year of their issue, provided that no part of such issue shall be used for the payment of salaries or wages of departmental employees.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the President of the Borough of Queens for the year 1913, as follows:

Contract or Open Order Service, General Repairs, Care of Highways.

3227	Roadways, Viaducts and Streets	$53,065 00
	Tax Levy Allowance	$33,065 00
	Special Revenue Bond Allowance	20,000 00
	Total Allowance	$53,065 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

City Magistrate's Court, First Division—Issue of Special Revenue Bonds (No. 138).

The Secretary presented the following:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 31, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 1, 1913, John A. L. Campbell submitted a claim for $489.23 for services, as Temporary City Magistrate, First Division, from June 6 to July 1, 1913. In connection therewith I report as follows:

Mr. Campbell was appointed Temporary City Magistrate on December 6, 1912, for six months to take the place of Magistrate Breen who was ill. Mr. Campbell's term expired June 6, 1913. An appropriation of $3,500 was made to pay Mr. Campbell's salary for the six months ending June 6, 1913.

Mr. Campbell's term for six months expired on June 6. On June 3, however, the Mayor reappointed him for a period not to exceed thirty days. On June 10, Magistrate Breen resumed his duties but Mr. Campbell continued to serve until the end of the month. Both Magistrate Breen and Magistrate Campbell served from June 10 to June 30 inclusive.

The opinion of the Corporation Counsel was requested as to whether or not Mr. Campbell's service as Temporary City Magistrate was legal after the return to the bench of the Magistrate whose place he was taking and whether or not it was

mandatory to provide the salary for Mr. Campbell for the period from June 10 to June 30 inclusive.

On July 28, Mr. C. D. Olendorf, the Acting Corporation Counsel, transmitted an opinion, in which he held that Mr. Campbell's appointment to serve for a period not to exceed thirty days from June 3 was legal and that he was entitled to compensation from June 10 to June 30 inclusive, although Magistrate Breen had also served during that period.

Therefore, I recommend the adoption of the attached resolution, to provide for payment of the claim. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of chapter 659 of the Laws of 1910, entitled "An act in relation to the Inferior Courts of Criminal Jurisdiction of The City of New York," the Board of Estimate and Apportionment hereby approves of an issue of special revenue bonds to the amount of four hundred and eighty-nine dollars and twenty-three cents ($489.23), to pay the salary of a Temporary City Magistrate of the City Magistrates' Courts, First Division, for services rendered during the month of June, 1913, and for the purpose of providing means therefor, the Comptroller be and is hereby directed to issue special revenue bonds of The City of New York, as provided by chapter 659 of the Laws of 1910, to an amount not exceeding four hundred and eighty-nine dollars and twenty-three cents ($489.23), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

President, Borough of Richmond—Modification of Schedule and Transfer of Appropriation (No. 139).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, July 22, 1913.

Honorable Board of Estimate and Apportionment, 277 Broadway, New York City, N. Y.:

Gentlemen—I would request modification of salary schedules of this office, as follows:

Personal Service, Salaries Regular Employees, Administration.

3278	Executive—	
	President of the Borough	$5,000 00
	Secretary of the Borough	2,500 00
	Executive Clerk	3,000 00
	Stenographer to the President	1,200 00
	Clerk	1,800 00
	*Clerk, 1 at $1,500 (A. S. I. $600)	1,500 00
	Clerk	1,350 00
	Clerk	1,200 00
	Clerk	300 00
	Messenger	1,200 00
	*Messenger, 1 at $720 (A. S. I. $20)	720 00
	Stenographer and Typewriter	1,500 00
	Telephone Operator	900 00
	Automobile Engineman	1,350 00
	Automobile Engineman	1,200 00
	*Automobile Engineman, 1 at $900 (A. S. I $100)	900 00
	Consulting Engineer (Acting Commissioner of Public Works)	8,000 00
	Assistant Commissioner of Public Works	3,600 00
	Secretary to the Commissioner of Public Works	2,100 00
	*Balance unassigned	30 00
		$39,350 00

Personal Service, Salaries Regular Employees.

3279	Audit and Accounts—	
	Chief Clerk	2,250 00
	Clerk	1,950 00
	Clerk	1,800 00
	Clerk, 2 at $1,500	3,000 00
	*Clerk, 1 at $1,500 (A. S. I. $600)	1,500 00
	Clerk	1,350 00
	Clerk, 2 at $1,200	2,400 00
	Stenographer and Typewriter	1,500 00
	Typewriter Copyist	900 00
	*Typewriter Copyist (N. A. S. I.)	900 00
	*Balance unassigned (A. S. I.)	400 00
		$17,950 00

The proposed changes are as follows:

Schedule 3278.

Increase one Automobile Engineman from $1,200 to $1,350 per annum and reduce Balance Unassigned from $180 to $30. This sum of $150 was reserved for the increase in salary of Warren G. Pierce, as stated in a previous communication, pending the establishment of the position of Automobile Engineman at $1,350, the necessary action now having been taken by the Board of Aldermen on July 1, 1913. The resolution became effective, without action by the Mayor, July 15, 1913.

Schedule 3279.

Increase in line Clerk, from $1,800 to $1,950; increase in line, Clerk, from $1,650 to $1,800; decrease in Balance Unassigned, from $700 to $400.

The sum of $150 was reserved in the balance unassigned pending the establishment of the position of Clerk at $1,950, the necessary action having been taken by the Board of Aldermen on July 1, 1913. The incumbent of the proposed position is Samuel I. Warsawer.

The proposed Clerkship at $1,800 is to be filled by Michael Gardner, the sum of $150 also having been reserved in the unassigned balance, as stated in a previous communication. Mr. Gardner has been recently notified of his having passed a promotion examination to the 4th grade Clerkship. Yours respectfully,

GEORGE CROMWELL, President of the Borough of Richmond.

The City of New York, Office of the President of the Borough of Richmond, Borough Hall, New Brighton, New York City, July 25, 1913.

Honorable Board of Estimate and Apportionment, 277 Broadway, New York City:

Gentlemen—I would request modification of certain salary schedules of this office as follows:

Personal Service, Salaries Regular Employees, Administration.

3278	Executive—	
	President of the Borough	$5,000 00
	Secretary of the Borough	2,500 00
	Executive Clerk	3,000 00
	Stenographer to the President	1,200 00
	Clerk	1,800 00
	*Clerk, 2 at $1,500 (A. S. I. $600 each)	3,000 00
	Clerk	1,200 00
	Clerk	300 00
	Messenger	1,200 00
	*Messenger, 1 at $720 (A. S. I. $20)	720 00
	Stenographer and Typewriter	1,500 00
	Telephone Operator	900 00
	Automobile Engineman	1,350 00
	Automobile Engineman	1,200 00
	*Automobile Engineman, 1 at $900 (A. S. I. $100)	900 00
	Consulting Engineer (Acting Commissioner of Public Works)	8,000 00
	Assistant Commissioner of Public Works	3,600 00
	Secretary to the Commissioner of Public Works	2,100 00
	*Balance unassigned	30 00
		$39,500 00

The above request is to supersede our request of the 22d inst. for a modification of this schedule, and in addition to the changes proposed in said request of the 22d inst. we desire to eliminate the line, Clerk, $1,350, and to increase the line, Clerk, 1 at $1,500, to Clerk, 2 at $1,500, to provide for the increase in salary of Herman J. Baumann, whose services are of such nature that we consider him worthy of the increased rate. The amount of the schedule will be increased by $150, which is to be secured by a corresponing reduction in Schedule No. 3282, Executive, Supervision of Building Construction and Alteration.

Personal Service, Salaries Regular Employees, Supervision of Building Construction and Alteration.

3282	Executive—	
	Superintendent	$3,000 00
	Assistant Superintendent	2,200 00
	Chief Clerk	2,250 00
	Clerk	1,950 00
	*Plan Examiner	1,200 00
	*Secretary (A. S. I. $200)	1,200 00
	Estimator	1,200 00
	Clerk	900 00
	Stenographer and Typewriter	720 00
		$14,620 00

The changes in above schedule are as follows:

Change line, Clerk, at $1,800, to Clerk, at $1,950.

Change line, Clerk, at $1,650 (A. S. I. $450), to Plan Examiner, $1,200.

This will result in a reduction in the total of the schedule by $300, one hundred and fifty dollars of which is to go to the schedule 3278, Executive, as before stated, and the remaining $150 to schedule 3283, Inspection, following.

The incumbent of the position of the clerkship at $1,800, whose salary it is proposed to increase, is James A. Simonson.

3283	Inspection—	
	Chief Inspector	$2,150 00
	Inspector	1,800 00
	*Inspector, 2 at $1,650 (A. S. I. $650 each)	3,300 00
	Inspector	1,500 00
	*Inspector (A. S. I. $550)	1,350 00
	Inspector (4 at $1,200)	4,800 00
	Automobile Engineman	1,200 00
		$16,100 00

The change in schedule 3283 consists in the increase of the rate of an Automobile Engineman from $1,050 to $1,200, the amount to be secured by transfer from schedule No. 3282, as heretofore stated.

The actual transfer of moneys required will be as follows, and request is hereby made for same, viz.:

FROM

3282	Executive (Buildings)	$150 00

TO

3283	Inspection (Buildings)	$75 00
3278	Executive (Administration)	75 00

—based on one-half year's requirements. Yours respectfully,

GEORGE CROMWELL, President, Borough of Richmond.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, July 30, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 22, 1913, the President of the Borough of Richmond requested modifiction of two salary schedules in his office for the year 1913; on July 25, 1913, the original request was supplemented with a request for a modification of a third and fourth salary schedule. In connection therewith I report as follows:

In account No. 3278, Personal Service, Salaries Regular Employees, Executive, it is proposed to increase the salary of Warren G. Pierce, an Automobile Engineman, from $1,200 to $1,350 per annum. This grade of position was established by the Board of Estimate and Apportionment on May 20, 1913, and concurred in by the Board of Aldermen on July 1, 1913. The $150 necessary to provide for the increase is to be taken from an unassigned balance of $180 available for salary increases. Mr. Pierce was appointed to his present position on May 1, 1907. The line, Clerk, 1 at $1,350, is changed to read, Clerk, 1 at $1,500 (A. S. I. $600), to provide for an increase in the salary of Herman J. Baumann, Clerk, at $1,350 per annum. The $150 necessary to provide for this increase is to be secured by a transfer from schedule No. 3282, Executive, Supervision of Building Construction and Alteration.

In account No. 3279, Personal Service, Salaries Regular Employees, Administration, Audit and Accounts, the line, Clerk, 1 at $1,800, is changed to read *Clerk, 1 at $1,950 (A. S. I. $750), in order to increase the salary of Samuel I. Warsawer, Clerk, from $1,800 to $1,950 per annum. The grade of position of Clerk at $1,950 was established by the Board of Estimate and Apportionment on May 20, 1913, and concurred in by the Board of Aldermen on July 1, 1913. The necessary $150 is to be taken from an unassigned balance of $700 available for salary increases. Mr. Warsawer was increased to his present rate on August 1, 1910. The line, Clerk, 1 at $1,650, is changed to read *Clerk, 1 at $1,800 (A. S. I. $700), in order to increase the salary of Michael J. Gardner, Clerk, from $1,650 to $1,800. Mr. Gardner was increased to his present rate on August 1, 1910. The necessary $150 is to be taken from an unassigned balance of $700.

In account No. 3282, Executive, Supervision of Building Construction and Alteration, it is proposed to change the line, Clerk, 1 at $1,800, to *Clerk, 1 at $1,950 (A. S. I. $750), and the line, Clerk, 1 at $1,650 (A. S. I. $450), to Plan Examiner, at $1,200, (N. A. S. I.), a reduction of $450, of which $150 is transferred to schedule No. 3278, Executive, $150 to schedule No. 3283, Inspection, and $150 for the increase in this schedule of James A. Simonson, Clerk, from $1,800 to $1,950. Mr. Simonson was increased to his present rate on July 1, 1910.

In account No. 3283, Supervision of Building Construction and Alteration, Inspection, the line "Automobile Engineman, 1 at $1,050," is changed to read *Automobile Engineman, 1 at $1,200 (A. S. I., $500), in order to increase Walter D. Pinckney, from $1,050 to $1,200 per annum. The necessary $150 is to be secured by a transfer from Schedule No. 3282.

The line changes in detail are as follows, to be effective as of August 1, 1913:

Account No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
3278	Automobile Engineman, 2 at $1,200	$1,200 00	.....	$500 00	.....
	*Automobile Engineman, at $1,350 (A. S. I., $550)	.....	$1,350 00	.....	$562 50
	Clerk, 1 at $1,350	1,350 00	.....	562 50	.....
	*Clerk, 1 at $1,500 (A. S. I., $600)	.....	1,500 00	.....	625 00
	*Balance unassigned (A. S. I., $180)	150 00	.....	62 50	.....
		$2,700 00	$2,850 00	$1,125 00	$1,187 50
3279	*Clerk, at $1,950 (A. S. I., $750)	.....	$1,950 00	.....	$812 50
	Clerk, 1 at $1,800	$1,800 00	.....	$750 00	.....
	*Clerk, at $1,800 (A. S. I., $700)	.....	1,800 00	.....	750 00
	Clerk, 1 at $1,650	1,650 00	.....	687 50	.....
	*Balance unassigned (A. S. I., $700)	300 00	.....	125 00	.....
		$3,750 00	$3,750 00	$1,562 50	$1,562 50
3282	Clerk, 1 at $1,800	$1,800 00	.....	$750 00	.....
	*Clerk, at $1,950 (A. S. I., $750)	.....	$1,950 00	.....	$812 50
	*Clerk, 1 at $1,650 (A. S. I., $450)	1,650 00	.....	$687 50	.....
	*Plan Examiner, at $1,200 (N. A. S. I.)	.....	1,200 00	.....	500 00
		$3,450 00	$3,150 00	$1,437 50	$1,312 50

Account No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
3283	Automobile Engineer, 1 at $1,050	$1,050 00	.....	$437 50	.....
	*Automobile Engineman, at $1,200 (A. S. I., $500)	.....	$1,200 00	.....	$500 00
		$1,050 00	$1,200 00	$437 50	$500 00

I recommend the adoption of the attached resolutions granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Richmond for the year 1913, as follows:

FROM

3282	Executive, Supervision of Building Construction and Alteration...	$125 00

TO

3283	Inspection, Supervision of Building Construction and Alteration...	62 50
3278	Executive, Administration	62 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Richmond, for the year 1913, to be effective as of August 1, as follows:

PRESIDENT, BOROUGH OF RICHMOND.

Personal Service, Salaries Regular Employees, Administration.

3278	Executive—	
	President of the Borough	$5,000 00
	Secretary of the Borough	2,500 00
	Executive Clerk	3,000 00
	Stenographer to the President	1,200 00
	Clerk	1,800 00
	*Clerk, 2 at $1,500 (A. S. I., $600)	3,000 00
	Clerk	1,200 00
	Clerk	300 00
	Messenger	1,200 00
	*Messenger, 1 at $720 (A. S. I., $20)	720 00
	Stenographer and Typewriter	1,500 00
	Telephone Operator	900 00
	*Automobile Engineman, 1 at $1,350 (A. S. I., $550)	1,350 00
	Automobile Engineman	1,200 00
	*Automobile Engineman, 1 at $900 (A. S. I., $100)	900 00
	Consulting Engineer (Acting Commissioner of Public Works)	8,000 00
	Assistant Commissioner of Public Works	3,600 00
	Secretary to the Commissioner of Public Works	2,100 00
	*Balance unassigned (A. S. I.)	30 00
		$39,500 00
3279	Audit and Accounts—	
	Chief Clerk	$2,250 00
	*Clerk, 1 at $1,950 (A. S. I., $750)	1,950 00
	*Clerk, 1 at $1,800 (A. S. I., $700)	1,800 00
	Clerk, 2 at $1,500	3,000 00
	*Clerk, 1 at $1,500 (A. S. I., $600)	1,500 00
	Clerk	1,350 00
	Clerk, 2 at $1,200	2,400 00
	Stenographer and Typewriter	1,500 00
	Typewriter Copyist	900 00
	*Typewriter Copyist, 1 at $900 (N. A. S. I.)	900 00
	*Balance unassigned (A. S. I.)	400 00
		$17,950 00

Supervision of Building Construction and Alteration.

3282	Executive—	
	Superintendent	$3,000 00
	Assistant Superintendent	2,200 00
	Chief Clerk	2,250 00
	*Clerk	1,950 00
	*Plan Examiner, at $1,200 (N. A. S. I.)	1,200 00
	*Secretary, 1 at $1,200 (A. S. I, $200)	1,200 00
	Estimator	1,200 00
	Clerk	900 00
	Stenographer and Typewriter	720 00
		$14,620 00
3283	Inspection—	
	Chief Inspector	$2,150 00
	Inspector	1,800 00
	*Inspector, 2 at $1,650 (A. S. I., $650 each)	3,300 00
	Inspector	1,500 00
	*Inspector, 1 at $1,350 (A. S. I., $550)	1,350 00
	Inspector, 4 at $1,200	4,800 00
	*Automobile Engineman, 1 at $1,200 (A. S. I., $500)	1,200 00
		$16,100 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

—

President, Borough of Brooklyn—Modification of Schedule and Transfer of Appropriation (No. 140).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, July 28, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller*, 280 Broadway, New York:

Dear Sir—A number of accounts for various supplies and repairs in our Bureau of Public Buildings and Offices have been practically depleted and we have a number of orders which we are about to issue, but cannot do so until we obtain a transfer of funds. I enclose herewith a statement for the transfer of $7,750, on which I respectfully ask that you have a report prepared recommending to the Board of Estimate and Apportionment the transfers as outlined on the statement. Seven thousand dollars of the above sum is to be transferred from the Bureau of Sewers for the purpose of making repairs and alterations to the Appellate Division Court Rooms in the Borough Hall, which money is to be returned later in the year. It is essential that we arrange for this transfer as soon as possible so that the alterations in the Borough Hall can be made during the summer adjournment of the Appellate Division. We are advertising for bids now for making these repairs, and I would thank you if you would have your Bureau of Statistics give this matter early consideration. Yours very truly,

L. H. POUNDS, President of the Borough.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, July 30, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On July 28, 1913, the President of the Borough of Brooklyn requested transfer of $7,750 within appropriations to his office for the year 1913. In connection therewith I report as follows:

The proposed transfer is from Supplies, Fuel Supplies, Care of Public Buildings and Offices, Heat, Light and Power No. 2970, Office Buildings, $150; No. 2971, Baths and Comfort Stations, $150; Materials, Sewer Materials, Care of Sewers, No. 3037, Cleaning and Repairing, $3,000; Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing, No. 3052, Office Buildings, $150; Contract or Open Order Service, General Plant Service, Care of Sewers, No. 3086, Cleaning and Repairing, $4,000; and Contingencies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance, No. 3105, Office Buildings, $300; to Supplies, Office Supplies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance, No. 2977, Office Buildings, $38; Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance, No. 2981, Office Bulidings, $90; No. 2982, Public Baths and Comfort Stations, $325; Supplies, General Plant Supplies, Care of Public Buildings and Offices, Repairing, No. 2998, Office Buildings, $4; Purchase of Equipment, General Plant Equipment, Care of Public Buildings and Offices, Repairing, No. 3030, Public Baths and Comfort Stations, $207; Materials, General Plant Materials, Care of Public Buildings and Offices, Repairing, No. 3041, Public Baths and Comfort Stations, $86; and Contract or Open Order Service, General Plant Service, Care of Public Buildings and Offices Repairing, No. 3087, Office Buildings, $7,000. The appropriations to Nos. 2977, 2981, 2982, 2998, 3030 and 3041 are exhausted and the amounts requested are necessary to meet outstanding liabilities and anticipated expenditures for the balance of the year.

The transfer to No. 3087 is necessary to permit of certification of contracts for repairs and alterations to the Appellate Division Court Rooms in the Borough Hall. The President states that the transfers from Nos. 3037 and 3086 are temporary, as these are the only accounts available for transfer at present, and that the accounts will have to be reimbursed in the future.

There are sufficient funds in the accounts from which transfers are made to permit of the debit transfers.

I recommend the adoption of the attached resolutions granting the request.
Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves transfer of funds appropriated to the office of the President of the Borough of Brooklyn for the year 1913, as follows:

FROM.

Supplies, Fuel Supplies, Care of Public Buildings and Offices, Heat Light and Power.

2970	Office Buildings	$150 00
2971	Baths and Comfort Stations	150 00
	Materials, Sewer Materials, Care of Sewers.	
3037	Cleaning and Repairing	3,000 00
	Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing.	
3052	Office Buildings	150 00
	Contract or Open Order Service, General Plant Service, Care of Sewers.	
3086	Cleaning and Repairing	4,000 00
	Contingencies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance.	
3105	Office Buildings	300 00

TO.

	Supplies, Office Supplies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance.	
2977	Office Buildings	$38 00
	Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance.;	
2981	Office Buildings	90 00
2982	Public Baths and Comfort Stations	325 00
	Supplies, General Plant Supplies, Care of Public Buildings and Offices, Repairing.	
2998	Office Buildings	4 00
	Purchase of Equipment, General Plant Equipment, Care of Public Buildings and Offices, Repairing.	
3030	Public Baths and Comfort Stations.....	207 00
	Materials, General Plant Materials, Care of Public Buildings and Offices, Repairing.	
3041	Public Baths and Comfort Stations.....	86 00
	Contract or Open Order Service, General Plant Service, Care of Public Buildings and Offices, Repairing.	
3087	Office Buildings	7,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Brooklyn, for the year 1913, as follows:

	Supplies, Fuel Supplies, Care of Public Buildings and Offices, Heat, Light and Power.	
2970	Office Buildings	$22,072 00
2971	Baths and Comfort Stations	35,058 00
	Supplies, Office Supplies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance.	
2977	Office Buildings	$2,838 00
	Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance.	
2981	Office Buildings	$2,141 00
2982	Public Baths and Comfort Stations	10,374 00
	Supplies, General Plant Supplies, Care of Public Buildings and Offices, Repairing.	
2998	Office Buildings	$104 00
	Purchase of Equipment, General Plant Equipment, Care of Buildings and Offices, Repairing.	
3030	Public Baths and Comfort Stations.....	$707 00
	Materials, Sewer Materials, Care of Sewers.	
3037	Cleaning and Repairing	$12,594 50
	Materials, General Plant Materials, Care of Public Buildings and Offices, Repairing.	
3041	Public Baths and Comfort Stations	$586 00
	Contract or Open Order Service, General Repairs, Care of Public Buildings and Offices, Repairing.	
3052	Office Buildings	$1,800 00
	Contract or Open Order Service, General Plant Service, Care of Public Buildings and Offices, Repairing.	
3087	Office Buildings	$15,750 00
	Contingencies, Care of Public Buildings and Offices, Janitorial Service, Cleaning and Attendance.	
3105	Office Buildings	$123 62
	Contract or Open Order Service, General Plant Service, Care of Sewers.	
3086	Cleaning and Repairing	$10,550 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the Acting President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

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President, Borough of Queens—Transfer of Appropriation (No. 141).

The Secretary presented:

Communication from the President of the Borough of Queens, requesting the transfer of $20,000 for regulating, grading, etc., in Shell road, from Thompson avenue to Jackson avenue, 2d Ward, Borough of Queens.

Bronx Parkway Commission—Prices to be Paid to Owners of Property in Parkway Reservation (No. 142).

The Secretary presented:

Communication from the Engineer and Secretary of The Bronx Parkway Commission, submitting list of prices to be paid to the owners of property in the Parkway Reservations for lands offered at favorable prices in consideration of early acceptance and payment.

Which were referred to the Comptroller:

Board of Estimate and Apportionment; Committee on Standardization of Supplies—Specifications for Iron, Steel and Other Metals (No. 143).

The Secretary presented:

Report of the Chairman of the Commission on Standardization of Supplies (approved by the Select Committee of the Board of Standardization), submitting additional specifications for the use of the various City departments in purchasing iron, steel and other metals.

Which was laid over until August 28, 1913.

President, Borough of The Bronx—Approval of Form of Contract, Etc. (No. 144).

The Secretary presented:

Communication from the President, Borough of The Bronx, transmitting for approval, form of contract to be entered into between the City of New York and Andrew J. Thomas for services as architect in the preparation of plans for, and the supervision of construction of proposed public comfort station at 149th street and Bergen avenue.

Which was referred to the Comptroller.

Pursuant to a motion adopted at the meeting held June 19, 1913, the Board adjourned to meet Thursday, August 28, 1913, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

BOARD OF WATER SUPPLY.

Abstract of estimated liabilities incurred by the Board of Water Supply of The City of New York during the month of July, 1913.

Contracts registered	$1,500 00
Open market orders	12,183 69
Acquisition of property	127,650 56
Miscellaneous	10,059 12
	$151,393 37

Estimated Liabilities Iucurred by the Board of Water Supply During the Month of July, 1913.

Open Market Orders.

Manhattan Electrical Supply Co.	$51 63	Tower Mfg. & Novelty Co.	482 93
Wm. J. Barry	25 00	The Fairbanks Co.	2 50
Smith-Worthington Co.	52 25	Gerald V. Grace	1 07
National Automobile Agency	49 50	J. M. Barnhardt	30 00
Woban Webbing Co.	1,725 00	Berkshire Springs Co.	11 00
Union Carbide Sales Co.	126 40	H. Hecht	5 85
Austin, Nichols Co.	8 70	Wm. I. Odell & Co.	217 60
C. Brundage	41 25	Yonkers Electric Light & Power Co.	1 00
Cadillac Motor Car Co.	102 50	Stuyvesant Garage	194 34
L. E. DuMond & Saxe	178 30	Franklin Automobile Co.	134 33
Lane & Snowden	1 00	T. A. Gillespie Co.	554 25
Wm. Orr & Sons	77 00	Shelley Bros.	37 50
Ootman Mfg. Co.	49 47	E. W. Ballinger	14 00
Central Hudson Gas & Electric Co.	50 00	American Nursery Co.	96 00
Knickerbocker Ice Co.	64 48	Brown Auto Supply Co.	16 35
Kanouse Mt. Water Co.	53 10	Canfield Supply Co.	18 48
Mekeel & Jaycox	67 50	J. H. Carpenter	50 00
Oldsmobile Co. of New York	287 25	Electro-Light Engraving Co.	10 00
Seymour Coal Co.	103 95	A. Edgar Goetz	19 85
McGraw-Hill Book Co.	9 00	Keuffel & Esser Co.	7 80
A. D. Winne	10 00	Henry Riley	52 60
Perry & Reilly	33 85	Underwood Typewriter Co.	24 00
Stumpp & Wotter Co.	1 70	Valvaline Oil Co.	9 00
Geo. F. Allen	5 50	R. Young Bros. Coal Co.	245 00
Neal & Brinker Co.	8 00	Buff & Buff Mfg. Co.	3 00
Degnon Contracting Co.	18 00	James M. McCullough	1 50
John Ballard	25 00	Fowler & Sellars	6 59
C. L. Berger & Son	50 00	Chas. G. Willoughby	190 75
J. H. Kimball	8 00	Newburgh Launch Works	28 00
Albert Quick	25 00	Mitchell Motor Car Co.	36 21
New York Blue Print Paper Co.	237 04	White, Van Glahn Co.	67 22
J. Edward Ogden Co.	150 00	Westchester Lighting Co.	18 40
Parker, Preston & Co.	111 00	Wm. Mann Co.	34 00
Crosby Steam & Gage Valve Co.	18 25	R. H. Burnett	6 50
The Mead & Taft Co.	39 83	C. J. Nelson	12 50
Pittsburgh Plate Glass Co.	15 00	John Ellice & Co.	25 50
Chas. R. Ross Const. Co.	12 10	Engineering News Publishing Co.	5 00
Benjamin S. Constable	49 95	Kingston Gas & Electric Co.	7 45
H. D. Champlin	13 00	Stewart-Warner Speedometer Co.	3 05
Fred Dolson	4 88	Corcoran & Fitzgerald	12 00
James Fish	3 50	J. Crozier and S. C. Purdy	14 25
Elliott-Fisher Co.	60	Ewing, Bacon & Henry	13 00
J. M. Moran & Bro.	8 95	Peerless Table Water Co.	7 20
Standard Oil Co.	298 02	Jacob Pfister	130 00
Fred Orser	4 00	Chas. Hart	15 00
Woodruff Cont. Co.	2 05	Wm. F. Wies	115 96
R. Young Bros. Feed Co.	97 10	George E. McCoy	34 20
Garland Service Co.	25 00	Peter Henderson & Co.	6 75
Wm. T. Guion	2 50	McKesson & Robbins	5 00
Geo. E. Johnston	92 76	Rode & Brand	48 00
C. Deutermann & Son	7 20	Honk Falls Power Co.	11 25
The Lithoprint Co.	9 46	Lane, Eaton & Smith	33 60
Gerry & Murray	217 00	Fiss, Doerr & Carroll Horse Co.	146 00
Rex Radiator Mfg. Co.	30 70	Peekskill Ice Co.	4 00
Union Towel Supply Co.	146 75	Peekskill Lighting & Railroad Co.	10 00
Half Tone Press	149 20	Hall Bros.	24 00
Stephen Vandemark	42 00	Mrs. Chas. Kipp	31 00
Chas. C. Miller	68 49	David P. Decker	10 50
L. Lubel	5 70	Pittsburg Contracting Co.	432 00
Robert A. Welcke	50 00	Barlow & Co., Inc.	4 25
Eugene Dietzgen Co.	73 08	Ardsley Ice Co.	5 01
A. G. Spalding & Bro.	89 36	Club Garage	250 00
L. & E. Brown	40 11	Standard Express Co.	25 00
W. C. Browne Mfg. Co.	7 50	Lawson Motor Car & Garage Co.	70 00
C. V. Ennist	15 80	Durring Bros.	2 80
Forsyth & Davis	36 06	Columbia Towel Supply Co.	5 00
North Westchester Lighting Co.	36 15	Mail and Express Co.	288 30
Geo. H. Tyrrell Co.	261 93	R. Young Bros.	7 20
Consolidated Gas Co.	18 75	Goodyear India Rubber Glove Mfg. Co.	5 00
Michael Gogarty	338 00	S. Moorhead & Co.	17 50
Knickerbocker Towel Supply Co.	23 66	M. B. Brown Printing & Binding Co.	309 89
Locomobile Co. of America	1 24	H. C. Claflin Co.	64 00
Newburgh Launch Works	16 00	Beck Duplicator Co.	2 50
Horace Sague & Son	7 83	John T. Stanley	35 00
Jefferson Brass Foundry	536 30	R. J. Koch	5 00
John Ham	60 00	P. J. Dunning	20 00
L. W. Jaycox	24 60	W. F. Chambers	188 95
H. C. Griffin & Co., Inc.	234 73	Eben Utter	25 00

Miscellaneous.

Rentals.

Central Hudson Gas & Electric Co.	$1,229 25	Helene Pagenstecher	100 00
Fifty-fourth St. Realty Co.	250 00	Henry S. Foshay	75 00
John Cordts	18 00	Edson Card	83 33
Bryant Park Realty Co.	33 34	Catherine J. Evans	40 00
H. C. Griffin & Co.	125 00	Frank J. Brown	10 00
Elting Harp	50 00	John Bulman	40 00
John N. Cordts	30 00	Kittie I. Bowden	12 00
Broadway-Cortlandt Co.	3,300 00	Annie Goldsmith	40 00
New York Telephone Co.	11 07	Barron Realty Co.	83 33
New York Central & Hudson River R. R. Co.	323 00	Mrs. Annie Wader	45 00
Hasbrouck & Sloan	10 00	Lulu A. Blackwell	50 00
White Plains Realty Co.	133 33	Carrie Baxter	25 00
C. J. Wright	50 00	Grace M. Hallock	12 00
Reginald H. Keays	25 00	Henry Metcalf	30 00
Sarah W. Rodermond	33 33		$6,266 98

Disbursements

John P. Hogan	$135 64	Ralph W. Greenlaw	11 29
W. J. Buhrendorf	19 78	Bertrand H. Wait	47 97
Joseph P. Morrissey	939 15	Frank L. Clapp	1 72
J. Howard Williams	36 63	Fred K. Betts	47 45
J. Waldo Smith	35 14	James F. Sanborn	14 02
E. W. Clarke	24 86	Sidney K. Clapp	37 88
Chas. M. Clarke	57 60	Ralph N. Wheeler	69 86
Alfred D. Flinn	41 30	Walter E. Spear	11 33
Frank E. Winsor	21 43	Ernst Jonson	206 84
Thomas H. Wiggin	19 21	Jacob S. Langthorn	20 39
Chas. E. Wells	23 43	Alexander Thomson, Jr.	10 57
Wilson F. Smith	25 01	Samuel F. Thomson	24 31
Geo. P. Wood	19 99	Merritt H. Smith	16 68
Geo. G. Honness	49 80		$1,969 28

Press Clippings—Henry Romeike, $1.22.

Taxes—Village of Elmsford, $185.76.

Acquisition of property, $127,650.56.

Telephone Service—New York Telephone Co., $259.86; Walden Telephone Co., $54.20; Cornwall Telephone Co., $26.65; Degnon Contracting Co., $20.45; total, $361.16.

Advertising—New York Herald, $54.40; Engineering News, $16.20; Good Roads, $11; Rider and Driver, $4.75; Engineering Record, $34.67; Tribune Association, $226.80; The Sun, $176.40; New York Times, $427.10; The World, $323.40; total, $1,274.72.

Registered Contracts—Additional on contract 58, D'Olier Eng. Co., $1,500.

Recapitulation.

Registered contracts		$1,500 00
Miscellaneous—		
Rentals	$6,266 98	
Telephone service	361 16	
Advertising	1,274 72	
Disbursements	1,969 28	
Press clippings	1 22	
Taxes	185 76	
Acquisition of property	127,650 56	
		137,709 68
Open market orders		12,183 69
		$151,393 37

Abstract of Expenditures Made by the Board of Water Supply of The City of New York During the Month of July, 1913, as Required by Section 36, Chapter 724, Laws of 1905.

Contracts registered	$1,553,879 71	
Agreements	833 31	
		$1,554,713 04
Open market orders		11,948 38
Miscellaneous—		
Acquisitions of property	$69,317 16	
All other miscellaneous	1,016,473 68	
		1,085,790 84
Payrolls—		
Departmental	$152,958 47	
Special services	2,175 01	
Team hire	3,106 67	
Acquisition of property	8,903 27	
		167,143 42
		$2,819,595 68

Statement Showing Expenditures Made and Liabilities Incurred by the Board of Water Supply of The City of New York During the Month of July, 1913, as Provided by Section 36, Chapter 714, Laws of 1905.

Expenditures in favor of—

Voucher.	Contracts.	Amount.
229	MacArthur Bros. Co. and Winston & Co.	$159,685 90
230	The T. A. Gillespie Co.	16,167 06
231	J. E. Butterworth	1,461 79
232	H. S. Kerbaugh, Inc., assignee of John C. Rodgers, James M. Rodgers, John J. Hagerty	149,385 15
233	J. F. Cogan Co., contractors	19,980 00
234	A. L. Guidone & Co.	14,246 50
235	Thomas O'Hern	3,320 73
236	James Duell Construction Co., assignee of Thomas O'Hern	1,582 20
237	B. B. Odell, Jr., sole receiver of Thomas McNally Co.	40,648 59
238	Pittsburg Contracting Co.	38,141 55
239	MacArthur Bros. Co.	7,039 50
240	Coldwell-Wilcox Co.	2,822 64
241	Keystone State Construction Co.	92,087 24
242	Coal & Iron National Bank, assignee of the Snare & Triest Co.	175,396 75
243	Ward & Tully, Inc.	4,256 68
244	The Harrison & Burton Co., assignee of Harrison & Burton	10,089 51
245	The Degnon Contracting Co.	1,996 59
246	The Degnon Contracting Co.	1,431 45
247	The Degnon Contracting Co.	2,747 48
248	The Degnon Contracting Co.	4,102 18
249	Jules Breuchaud	16,431 75
250	Abner M. Harper, Inc.	4,880 35
251	The Degnon Contracting Co.	3,573 90
252	D'Olier Centrifugal Pump & Machine Co., assignee of D'Olier Engineering Co.	837 00
253	Rinehart & Dennis Co.	99,862 00
254	Pittsburg Contracting Co.	5,589 00
255	M. B. Brown Printing & Binding Co.	3,095 78
256	The T. A. Gillespie Co.	4,926 40
257	Mason & Hanger Co.	103,205 96
258	Harrison & Boice Co., assignee of Harrison & Boice	11,085 30
259	The J. W. Pratt Co.	3,441 23
260	Pittsburg Contracting Co.	117,145 89
261	Grant, Smith & Co. and Locher	106,709 60
262	Holbrook, Cabot & Rollins Corporation, George B. Fry & Thos. B. Bryson	151,448 45

Voucher.	Contracts.	Amount.
263	Herbert D. Pease & A. J. Provost, Jr.	833 33
264	The T. A. Gillespie Co.	10,127 61
265	MacArthur Bros. Co. and Winston & Co.	164,930 00
		$1,554,713 04

Open Market Orders.

1386	Ardsley Ice Co.	$2 47
1387	John L. Ballard	6 40
1388	J. M. Barnhart	30 00
1389	The Beck Duplicator Co.	15 00
1390	Board of Water Commissioners, Village of Pleasantville	19 77
1391	Andrew Bowden	40 00
1392	F. E. Brandis, Sons & Co.	45 70
1393	Burroughs Adding Machine Co.	4 42
1394	W. F. Chambers	108 60
1395	H. D. Champlin	1 75
1396	Club Garage Co.	6 25
1397	Crosby Steam Gage & Valve Co.	2 25
1398	David P. Decker	10 50
1399	John Diesseroth	25 00
1400	A. J. Giles	16 83
1401	Harry M. Kaiser, Agent and Warden of Clinton Prison	3 95
1402	Knickerbocker Ice Co.	6 24
1403	Lawson Motor Car & Garage Co.	25 00
1404	Library Bureau	12 00
1405	Mathews & North	105 85
1406	George E. McCoy	2 95
1407	Wilbur J. McCoy	12 50
1408	The New York Law Journal	7 00
1409	Northern Westchester Lighting Co.	12 00
1410	Peekskill Lighting and Railroad Co.	5 85
1411	O. Reynolds	4 00
1412	J. J. Roake & Son	1 75
1413	B. J. Schaefer	42 00
1414	Seely & Thorne	46 25
1415	Slawson Hardware Co.	4 85
1416	Stoops & Keena	75 00
1417	Tower Manufacturing & Novelty Co.	1 35
1418	Trow Directory Printing & Bookbinding Co.	7 00
1419	The George H. Tyrrell Co., Incorporated	63 72
1420	John Wiley & Sons	2 80
1421	L. S. Winne & Co.	1 30
1422	Annin & Co.	14 70
1423	J. C. Baldwin	99 75
1424	The Board of Water Commissioners of Cold Spring, N. Y.	3 00
1425	C. Brundage	22 00
1426	J. H. Carpenter	224 00
1427	W. F. Chambers	28 65
1428	C. H. DuBois & Son	7 00
1429	L. E. DuMond	5 50
1430	David J. Irish	40 00
1431	Mekeel Brothers	51 60
1432	Mitchell-Motor Co. of New York	16 63
1433	J. M. Moran & Bro.	6 50
1434	Albert Quick	20 25
1435	Joseph Sokol	2 50
1436	The George H. Tyrrell Co., Incorporated	90 37
1437	R. Young Bros. Feed Co.	368 60
1438	A. P. W. Paper Co.	30 00
1439	Auto Aero Supply Co.	5 47
1440	J. E. Bates & Co.	3 20
1441	Board of Water Commissioners, Pleasantville, N. Y.	4 42
1442	Board of Water Commissioners, Village of White Plains	8 24
1443	Brown Auto Supply Co.	9 50
1444	Cornell Lumber Co.	68 50
1445	Fowler & Sellars Co.	10 40
1446	George Howard	14 55
1447	George E. Johnston	67 57
1448	Keuffel & Esser Co.	24 00
1449	The Lithoprint Co.	37 65
1450	The Locomobile Company of America	105 30
1451	Manning, Maxwell & Moore, Incorporated	13 54
1452	Mead & Taft Co.	26 29
1453	George E. McCoy	20 43
1454	Cutting, Larson Co., Oldsmobile Co. of New York	29 45
1455	Rex Radiator & Manufacturing Co.	27 62
1456	Sears-Cross Co.	6 00
1457	Standard Oil Co. of New York	17 10
1458	Stumpp & Walter Co.	34 00
1459	Underwood Typewriter Co., Inc.	93 55
1460	Westchester Tire Works	7 35
1461	Standard Oil Co. of New York	159 30
1462	L. Lubel	5 70
1463	Manhattan Electrical Supply Co.	20 00
1464	Tower Bros. Stationery Co.	30 00
1465	Mrs. Lillian Adee	4 00
1466	W. F. Chambers	162 60
1467	H. D. Champlin	3 50
1468	Benj. S. Constable	3 85
1469	Fred Dolson	4 50
1470	J. M. Moran & Bro.	2 08
1471	Frederick Orser	6 50
1472	Pattison & Bowns	172 98
1473	Tower Manufacturing & Novelty Co.	7 50
1474	Underwood Typewriter Co., Inc.	1 00
1475	Eben Utter	12 00
1476	R. Young Bros. Feed Co.	59 40
1477	The American Agricultural Chemical Co.	132 53
1478	The American Stamp Manufacturing Co., Incorporated	1 50
1479	Auto Aero Supply Co.	13 50
1480	Berkshire Springs Co.	7 40
1481	Lewis and Emerson Brown	12 01
1482	Club Garage Co.	236 80
1483	Corcoran, Fitzgerald & Co.	12 00
1484	Eugene Dietzgen Co.	9 60
1485	Detroit Cadillac Motor Car Co.	42 16
1486	Dinkel & Jewell Co.	60 00
1487	Electro-Light Engraving Co.	3 00
1488	James Fish	2 63
1489	Forsyth & Davis	8 09
1490	Garland Automobile Co.	5 00
1491	D. G. Gautier & Co.	4 88
1492	Henry L. Hasbrouck	30 00
1493	Hudson Garage	10 30
1494	R. E. Jerome	229 09
1495	Kolesch & Co.	8 40
1496	The Locomobile Company of America	4 75
1497	Chas. E. Miller	8 48
1498	Mittag & Volger, Inc.	84 00
1499	S. Moorhead & Co.	18 38
1500	McGraw-Hill Book Co.	2 00
1501	National Auto Top Co.	70 60
1502	Peerless Table Water Co.	3 60
1503	Poertner Motor Car Co.	11 00
1504	E. G. Ruehle & Co.	38 00
1505	Shelley Bros.	23 20
1506	Sprague & Henwood, Incorporated	30 00
1507	Standard Oil Co. of New York	40 28
1508	The George H. Tyrrell Co., Incorporated	168 76
1509	Union Carbide Sales Co.	115 36
1510	White, Van Glahn & Co.	30 75
1511	Zincograph Co.	6 00
1512	The Columbia Towel Supply Co.	5 00
1513	Gus Johnson	22 00
1514	Manhattan Electrical Supply Co.	14 50
1515	Thompson & Gentleman	35 00
1516	James C. Nichols, Inc.	17 25
1517	Everitt Baker	8 00
1518	J. M. Ham	61 00
1519	Lewis and Emerson Brown	10 05
1520	C. Brundage	18 00
1521	Detroit-Cadillac Motor Car Co.	4 71
1522	Central Hudson Gas and Electric Co.	9 00
1523	J. E. Bates & Co.	19 20
1524	Robert H. Burnett	14 15
1525	H. D. Champlin	7 75
1526	Department of Correction	14 00
1527	C. Deutermann & Son	3 00
1528	David P. Decker	4 60
1529	The Degnon Contracting Co.	4 00
1530	The Electric Light Company of New Paltz, N. Y.	1 20
1531	W. L. B. Evans	5 00
1532	Flewwellin & Dunning	6 25
1533	Daniel Gallagher	34 00
1534	Luke M. Hanly	4 45
1535	Honk Falls Power Co.	6 00
1536	R. E. Jerome	16 00
1537	Mrs. Charles Kipp	30 00
1538	Knickerbocker Towel Supply Co.	20 06
1539	Knickerbocker Ice Company	52 08
1540	R. J. Koch	3 01
1541	Charles W. Leveridge	38 17
1542	Manhattan Electrical Supply Co.	1 04
1543	Robert H. Mekeel	6 38
1544	Northern Westchester Lighting Company	6 45
1545	O. Reynolds	12 00
1546	Shelley Bros.	55 60
1547	The Standard Express Co.	16 90
1548	Underwood Typewriter Co., Inc.	3 50
1549	White, Van Glahn & Co.	11 20
1550	Merchants' Rubber Co.	141 00
1551	Buckwalter Stove Company	4 55
1552	Rabok Manufacturing Company	3 50
1553	William Nelson	8 75
1554	Library Bureau	23 40
1555	Frank Coleman	27 90
1556	Westchester Lighting Company	7 40
1557	Andrew Bowden	60 00
1558	C. Deutermann & Son	120 50
1559	Henry M. Garrison	32 20
1560	J. E. Hasbrouck	5 50
1561	L. W. Jaycox	43 50
1562	Lane, Eaton & Smith Co.	180 55
1563	Mathews & North	245 20
1564	W. R. Perkins & Co.	97 50
1565	John A. Pruss	19 00
1566	Seely & Thorne	13 50
1567	The Smith-Worthington Co.	6 84
1568	Henry Windsor & Son	77 60
1569	Haviland-Sutton Company	105 00
1570	John P. Kane Co.	154 80
1571	Charles R. Ross Construction Co.	12 10
1572	Rubberhide Company	69 64
1573	Oatman Manufacturing Company	16 96
1574	The Lithoprint Co.	9 46
1575	Harry M. Kaiser, Agent and Warden of Sing Sing Prison	9 60
1576	Kanouse Mountain Water Co. (Incorporated)	40 20
1577	Knickerbocker Ice Company	6 00
1578	Knickerbocker Towel Supply Co.	3 60
1579	Charles E. Miller	4 20
1580	Stumpp & Walker Co.	1 70
1581	The George H. Tyrrell Co., Incorporated	72 04
1582	Westchester Lighting Co.	7 35
1583	White, Van Glahn & Co.	14 43
1584	The Locomobile Company of America	1 24
1585	Lewis and Emerson Brown	14 45
1586	Brown Auto Supply Co.	3 95
1587	Buff & Buff Mfg. Co.	3 00
1588	Canfield Supply Company	11 60
1589	Westchester Lighting Company	1 30
1590	Standard Oil Company of New York	63 00
1591	Standard Oil Company of New York	40 28
1592	Eimer & Amend	85 26
1593	John H. Kahrs	14 45
1594	Franklin Automobile Company	123 68
1595	A. H. Chambers	74 21
1596	Consolidated Gas Company of New York	5 48
1597	Forsyth & Davis	13 00
1598	A. Edgar Goetz	6 50
1599	H. Hecht	5 85
1600	H. C. Griffin & Co., Incorporated	169 55
1601	John L. Ballard	8 00
1602	J. M. Barnhart	30 00
1603	Berkshire Springs Co.	10 20
1604	Buff & Buff Mfg. Co.	52 20
1605	J. H. Carpenter	48 50
1606	Central Hudson Gas and Electric Company	7 01
1607	H. D. Champlin	5 25
1608	C. J. Dunning	14 30
1609	C. V. Ennist	15 80
1610	Woodruff Contracting Co.	2 05
1611	Underwood Typewriter Co., Inc.	1 50
1612	The George H. Tyrrell Co., Inc.	194 23
1613	Tower Manufacturing and Novelty Company	15 47
1614	John H. Sherman	29 50
1615	Albert Quick	14 40
1616	Peerless Table Water Company	3 60
1617	New York Blue Print Paper Co.	121 85
1618	Kanouse Mountain Water Co. (Incorporated)	60
1619	Lane & Snowden	1 00
1620	Lawson Motor Car and Garage Co.	21 73
1621	James M. McCullough	1 50
1622	Northern Westchester Lighting Company	8 15
1623	J. M. Ham	60 00
1624	Pittsburg Contracting Company	55 00
1625	DuMond & Saxe	172 80
1626	Forsythe & Davis	25 50
1627	William Orr & Sons	77 00
1628	William I. Odell & Co.	217 60
1629	Pennsylvania Salt Manufacturing Co.	377 64

Voucher.	Contracts.	Amount.
1630	J. J. Roake & Son	84 00
1631	Potdevin Machine Co.	430 00
1632	Rubberhide Company	65 04
1633	The Seymour Coal Co., Inc.	103 95
1634	Robert A. Welcke	42 00
1635	C. G. Swackhamer	49 00
1636	Union Porcelain Works	200 00
1637	R. Young Bros. Feed Co.	97 10
1638	R. Young Bros. Coal Co.	245 00
1639	J. Edward Ogden Company	28 38
1640	A. H. Chambers	79 30
1641	The W. G. Browne Manufacturing Company	7 50
1642	George F. Allen	11 00
1643	J. C. Baldwin	12 00
1644	A. R. Barker	2 90
1645	Brown Auto Supply Co.	5 15
1646	John Deisseroth	32 50
1647	Forsyth & Davis	17 67
1648	Manhattan Electrical Supply Co.	31 98
1649	Mekeel Brothers	5 50
1650	George E. McCoy	1 62
1651	W. H. Nevius	1 00
1652	Northern Westchester Lighting Company	20 40
1653	Oatman Manufacturing Company	32 51
1654	Peekskill Lighting and Railroad Company	5 85
1655	Rex Radiator & Mfg. Co.	30 70
1656	Standard Oil Co. of New York	19 00
1657	Underwood Typewriter Co., Inc.	2 50
1658	Union Carbide Sales Company	17 50
1659	J. H. Kimball	8 00
1660	Eben Utter	20 26
1661	Union Towel Supply Company	123 17
1662	Hammacher, Schlemmer & Co.	17 53
1663	Detroit-Cadillac Motor Car Company	6 50
1664	Charles Hart	37 15
1665	L. W. Jaycox	24 60
1666	R. E. Jerome	14 00
1668	Mekeel Brothers	49 45
1667	Mekeel & Jaycox	67 50
1669	H. K. Mulford Company	36 00
1670	Perry & Reilley	33 85
1671	The Seymour Coal Co., Inc.	101 25
1672	Standard Oil Company of New York	183 75
1673	White, Van Glahn & Co.	14 43
1674	John T. Horton	172 50
1675	David J. Irish	110 00
1676	Tower Bros. Stationery Co.	50 00
1677	The George H. Tyrrell Co., Incorporated	66 83
1678	Mekeel Brothers	73 20
	Total	$11,948 38

Miscellaneous.

685	National Park Bank of New York, Assignee of The Ulster and Delaware Railroad Co.	$1,000,000 00
686	Stillman Appellate Printing Company	998 00
687	Joseph P. Morrissey, as Secretary	939 15
688	Electrical World	12 00
689	Reginald H. Keays	75 00
690	Cornwall Telephone Company	179 90
691	New York Telephone Co.	12 47
692	Yorktown Telephone Company	4 20
693	J. E. Earle, or Poughkeepsie Trust Company	12 50
694	J. E. Earle, or Poughkeepsie Trust Company	125 00
695	W. J. Buhrendorf	19 78
696	John P. Hogan	82 88
697	New York Telephone Company	11 97
698	Henry Romeike, Incorporated	1 22
699	Central Hudson Gas & Electric Co.	1,229 25
700	Carrie Baxter	75 00
701	Stillman Appellate Printing Company	44 25
702	George P. Wood	19 99
703	Frank E. Winsor	21 43
704	Thos. H. Wiggin	19 21
705	Charles E. Wells	23 43
706	Wilson Fitch Smith	25 01
707	J. Waldo Smith	35 14
708	Alfred D. Flinn	41 31
709	Charles M. Clark	57 60
710	Ernest W. Clarke	24 86
711	J. Howard Williams	36 63
712	Stillman Appellate Printing Company	197 50
713	Walden Telephone Company	54 20
714	New York Telephone Company	59 68
715	The New York Times	57 60
716	New York Herald, New York Herald Company, Publishers	54 40
717	Katherine C. Morris	52,259 12
718	Katherine C Morris or Merritt Bridges, Attorney	132 04
719	Katherine C Morris or Merritt Bridges, Attorney	105 61
720	John F. McFarlane, Attorney	25 00
721	John Bulman	120 00
722	Barron Realty Company, William H. Barron, President	250 00
723	Bryant Park Realty Company, Incorporated	100 00
724	John N. Cordts	54 00
725	Fifty-fourth Street Realty Company	750 00
726	H. C. Griffin & Company	375 00
727	Elting Harp	150 00
728	John N. Cordts	90 00
729	Broadway Cortlandt Company	9,900 00
730	The Degnon Contracting Company	20 45
731	New York Telephone Company	11 07
732	New York Telephone Company	10 62
733	New York Telephone Company	1 50
734	New York Telephone Company	14 32
735	New York Central & Hudson River R. R. Company	198 00
736	New York Central & Hudson River R. R. Company	100 00
737	New York Central & Hudson River R. R Company	25 00
738	"Good Roads," E. L. Powers Co., Publishers	8 80
739	Engineering Record	16 54
740	The Rider and Driver, The Rider and Driver Publishing Company, Publishers	4 00
741	Engineering News. Hill Publishing Company. Publishers	14 40
742	Ralph W Greenlaw	11 29
743	George G. Honness	49 80
744	Bertrand H. Wait	47 97
745	The Leader Company	14 20
746	Edward Carroll, Jr.	49 80
747	Village of Elmsford. Town of Greenburgh. Westchester County. N. Y.	185 76
748	The Knollwood Park Company or Rockland County Trust Company	20,798 15
749	The Knollwood Park Company or Rockland County Trust Company	13,698 72
750	The Knollwood Park Company or Rockland County Trust Company	13,552 34
751	The Knollwood Park Company or Rockland County Trust Company	10,368 58
752	Marcella J. Nolan or Rockland County Trust Company	48 79
753	Alice L. Gerety and Elizabeth H. Gerety or Rockland County Trust Company	60 99
754	Alice L. Gerety and Elizabeth H. Gerety or Rockland County Trust Company	73 19
755	Thomas O'Donnell or Rockland County Trust Company	48 79
756	William H. R. Hoffman or Rockland County Trust Company	48 79
757	William H. R. Hoffman or Rocklnd County Trust Company	48 79
758	Fritz Otto Fruiesen or Rockland County Trust Company	48 79
759	Fritz Otto Fruiesen or Rockland County Trust Company	60 99
760	Jacob Schnaible or Rockland County Trust Company	60 99
761	John Schnaible or Rockland County Trust Company	60 99
762	Mary Hoelzel or Rockland County Trust Company	60 99
763	Mary Hoelzel or Rockland County Trust Company	73 19
764	Mary Hoelzel or Rockland County Trust Company	73 19
765	Mary Hoelzel or Rockland County Trust Company	73 19
766	Thomas O'Donnell or Rockland County Trust Company	73 19
767	Thomas O'Donnell or Rockland County Trust Company	73 19
768	Knollwood Park Company or Rockland County Trust Company	852 50
769	Knollwood Park Company or Rockland County Trust Company	561 50
770	Knollwood Park Company or Rockland County Trust Company	550 50
771	Knollwood Park Company or Rockland County Trust Company	425 00
772	Marcella J. Nolan or Rockland County Trust Company	2 00
773	Alice L. Gerety and Elizabeth H. Gerety or Rockland County Trust Company	5 50
774	Thomas O'Donnell or Rockland County Trust Company	8 00
775	Fritz Otto Fruiesen or Rockland County Trust Company	4 50
776	Jacob Schnaible or Rockland County Trust Company	5 00
777	Mary Hoelzel or Rockland County Trust Company	11 50
778	William H. R. Hoffman or Rockland County Trust Company	4 00
779	Knollwood Park Company or Rockland County Trust Company	350 00
780	Knollwood Park Company or Rockland County Trust Company	175 00
781	Knollwood Park Company or Rockland County Trust Company	175 00
782	Knollwood Park Company or Rockland County Trust Company	175 00
783	H. W. Wolcott	5 00
784	The New York Times	352 80
785	The Sun	176 40
786	The New York Daily Tribune, The Tribune Association, Publishers	226 80
787	Engineering Record	14 94
788	New York Telephone Company	6 65
789	New York Telephone Company	6 16
790	New York Telephone Company	5 47
791	New York Telephone Company	9 60
		$1,133,159 50
	Less Adjustments as per Memoranda Received from the Comptroller.	
420	New York Supply	47,368 66
	Total	$1,085,790 84

Payrolls.

271	Charles P. Berkey	$227 58
272	Laborers, week ending June 25, 1913	1,660 00
273	Michael J. Shanahan	77 80
274	E. A. Wood	9 40
275	Rodgers, Russo & Kelly	30 20
276	Louis C. White	21 34
277	Isaac Greenburg	92 10
278	W. F. Wood	125 00
279	Edwin W. Fiske	400 00
280	Frank T. Fitzgerald	17 91
281	American House & Window Cleaning Company	25 00
282	York & Sawyer	1,333 34
283	Laborers, week ending July 2, 1913	1,449 00
284	State Law Reporters, Incorporated	376 21
285	Isaac Greenburg	135 55
286	A. E. Dederick	24 00
287	Lawrence M. Kenney	70 08
288	Curtis G. Ferguson	147 30
289	Edward J. Cullen	66 00
290	Frederick S. Benedict	125 00
291	William H Grogan	250 00
292	William H. Grogan	21 44
293	William McM. Speer	2,000 00
294	York & Sawyer	666 67
295	Laborers, week ending July 9, 1913	1,311 00
296	Engineering Bureau, Supplementary, month ending June 30, 1913	530 91
297	Team hire, month ending June 30, 1913	3,106 67
298	Administration Bureau, month ending July 31, 1913	11,718 80
299	Henry W. Wheeler	500 00
300	Louis C. White	250 00
301	Edward F. Joyce, Jr.	250 00
302	Frank T. Fitzgerald	200 00
303	Walter LeC. Boyer	250 00
304	William J. Roche	1,403 16
305	Frank M. Patterson	833 20
306	Roscoe Irwin	1,000 00
307	Engineering Bureau, month ending July 31, 1913	104,205 44
308	Patrolmen-on-Aqueduct, month ending July 31, 1913	29,508 22
309	Laborers, week ending July 16, 1913	1,461 00
310	Charles W. Leavitt, Jr.	150 00
311	Laborers, week ended July 23, 1913	1,460 50
		$167,489 82
	Less Adjustment as per Memorandum Received from Comptroller.	
419	New Water Supply	346 40
	Total	$167,143 42

Recapitulation.

Voucher.		
229-265	Contracts	$1,554,713 04
1386-1678	Open Market Orders	11,948 38
685-791	Miscellaneous	1,085,790 84
271-311	Pay Rolls	167,143 42
		$2,819,595 68

DEPARTMENT OF FINANCE.

WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE MONDAY, AUGUST 18, 1913.

Below is a statement of warrants made ready for payment on the above date showing therein the Department of Finance voucher number, the date or dates of the invoices or bills, the date the voucher was filed in the Department of Finance, the name of the payee and the amount of the claim.

Where two or more bills are embraced in the warrant, the dates of the earliest and latest are given.

All of the warrants mentioned are forwarded through the mail unless some reason exists why payment is to be made in person, in which event written notice will be promptly given to the claimant.

In making a written or verbal inquiry at this office as to any of the below men-

tioned warrants, it is requested that reference be made by the Department of Finance voucher number.

WM. A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
			Board of Ambulance Service.	
101392			Brooklyn E. D. Dispensary and Hospital	70 00
101393			Brooklyn Hospital	140 00
101394			C. C. Foundation of L. I., St. Johns Hospital	70 00
101395			Flushing Hospital and Dispensary	140 00
101396			German Hospital of Brooklyn	70 00
101397			Jamaica Hospital	70 00
101398			Long Island College Hospital	70 00
101399			Lebanon Hospital Association	140 00
101400			Lincoln Hospital and Home	212 50
101401			Mary Immaculate Hospital	195 00
101402			Methodist Episcopal Hospital in the City of Brooklyn	157 50
101403			Norwegian Lutheran Deaconesses Home and Hospital	195 00
101404			N. Y. Homeopathic Medical College and Flower Hospital	515 00
101405			N. Y. Polyclinic Medical School and Hospital	375 00
101406			St. Vincents Hospital, Borough of Richmond	195 00
101407			St. Catherines Hospital	195 00
101408			St. Johns L. I. City Hospital	195 00
101409			St. Vincents Hospital of The City of New York	320 00
101410			St. Mary's General Hospital of the City of Brooklyn	195 00
101411			The S. R. Smith Infirmary	195 00
101412			Knickerbocker Hospital	195 00
101413			The Society of the New York Hospital	577 50
101414			The Swedish Hospital in Brooklyn	195 00
101415			Washington Heights Hospital	140 00
101417		8-13-13	Bushwick Hospital	70 00
101416		8-13-13	Williamsburgh Hospital	195 00
			Armory Board.	
99092			A. Pearson's Sons	209 00
100867			The Peerless Towel Supply Co	2 89
100868			William F. Stone	2 60
100869			Robert Telfer	3 60
100870			Thomas J. York	6 10
			Board of Inebriety.	
100996			Chas. Samson, Executive Secretary	25
100996			Chas. Samson, Executive Secretary	40
100996			Chas. Samson, Executive Secretary	50
100996			Chas. Samson, Executive Secretary	75
100996			Chas. Samson, Executive Secretary	10 75
100996			Chas. Samson, Executive Secretary	1 80
100997			Oliver P. Morse	1 25
100997			Oliver P. Morse	5 45
100998			The Barton Manufacturing Co	1 85
100998			The Barton Manufacturing Co	1 02
101001	7-31-13	8-12-13	Conklin & Strong	13 00
			Bellevue and Allied Hospitals.	
100457			John Bellman	577 10
100458		8-11-13	Burton & Davis Co	244 14
			Department of Bridges.	
98574		8- 6-13	New York Telephone Co	91 33
101642	7-31-13	8-14-13	The Berns Veterinary Hospital	26 00
			Board of City Record.	
101707	7-21-13. 7-24-13	8-14-13	The J. W. Pratt Co	266 00
101708	7-23-13. 7-30-13	8-14-13	William Bratter & Co	2,114 15
101709	7-17-13. 8- 6-13	8-14-13	Clarence S. Nathan	1,242 52
101710	7-18-13. 7-26-13	8-14-13	John Cassidy Co	98 20
101711	7-31-13	8-14-13	American Bank Note Co.	153 85
101712	7-31-13	8-14-13	The O'Connell Press	649 22
101713	7-28-13	8-14-13	P. J. Collison & Co.	70 62
101714	7-31-13	8-14-13	Van Rees Press	1,482 00
101715	7-24-13. 7-29-13	8-14-13	J. J. Little & Ives Co.	77 65
101716	7-29-13. 7-31-13	8-14-13	E. D. St. George Co.	7 25
101717	6-30-13. 7-30-13	8-14-13	The Brooklyn Daily Eagle	412 35
101718	8- 1-13	8-14-13	Library Bureau	2 00
101719	6-30-13. 7-31-13	8-14-13	M. B. Brown Printing & Binding Co.	3,147 25
			City Magistrates' Courts.	
100835	7-11-13	8-12-13	Agent and Warden Auburn Prison	$9 80
100836	7-11-13	8-12-13	Agent and Warden of Auburn Prison	4 90
100839	1-15-13	8-12-13	Remington Typewriter Co.	21 00
100845	7-15-13. 7-22-13	8-12-13	Individual Drinking Cup Co.	7 50
100846	8- 1-13	8-12-13	Henry C. Parke	9 00
100847			Nicola Mitarotonda	5 00
100849	7-30-13	8-12-13	W. C. Wilson	1 60
100865	7- 1-13	8-12-13	The Manhattan Storage & Warehouse Co.	22 50
100866	7- 3-13	8-12-13	Herring-Hall-Marvin Safe Co.	5 00
			Commissioners of the Sinking Fund.	
99419		8- 8-13	Lauretta McCall	$18 00
			District Attorney of Richmond County.	
100052		8-11-13	Elizabeth A. Walsh	$22 50
			Examining Board of Plumbers.	
99926	7-28-13	8- 9-13	Albert De Roode, Esq.	$375 00
			Department of Education.	
98983		8- 7-13	Kalt Lumber Co.	$91 48
98985		8- 7-13	The Kny-Scheerer Co.	63 49
99011		8- 7-13	The Kny-Scheerer Co.	13 65
99013		8- 7-13	The Kny-Scheerer Co.	80
99014		8- 7-13	The Kny-Scheerer Co.	1 97
99015		8- 7-13	The Kny-Scheerer Co.	4 32
99016		8- 7-13	The Kny-Scheerer Co.	4 25
99017		8- 7-13	The Kny-Scheerer Co.	35 18
99018		8- 7-13	The Kny-Scheerer Co.	4 35
99020		8- 7-13	The Kny-Scheerer Co.	23 60
99021		8- 7-13	The Kny-Scheerer Co.	35

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
99022		8- 7-13	The Kny-Scheerer Co.	17 95
99023		8- 7-13	The Kny-Scheerer Co.	1 80
99801	5-31-13	8- 9-13	Hy Pearl & Sons Co.	9 10
99802	6- 9-13	8- 9-13	Nicholas J. Schery	21 00
99803	6- 5-13	8- 9-13	Kaplan & Weinberg	6 00
99806	6- 7-13	8- 9-13	Parker & Cooly	8 25
99824			R. Solomon & Son	79 00
99825	6-16-13	8- 9-13	R. Solomon & Son	69 00
99856			Thomas McKeown	15 00
99885	6- 3-13	8- 9-13	M. J. Tobin	4 55
99908	5-16-13	8- 9-13	F. O. Pierce Co.	29 68
99912	6- 5-13	8- 9-13	The Security Bank of New York, Assignee of Jacob D. Klausner	173 00
101243	6-17-13	8-13-13	The Empire Upholstering Co.	9 00
101246			Zakarias Hermannsen	23 75
101251	5-21-13	8-13-13	Agent and Warden of Auburn Prison	24 00
101262			A. B. Dick Co.	13 50
101265	7-14-13	8-13-13	American Distilled Water Co	1 44
101267			American Distilled Water Co	1 44
101268	6-17-13	8-13-13	Krengel Manufacturing Co.	60
101269	6-26-13	8-13-13	Neostyle Envelope Co.	9 70
101270	6-19-13	8-13-13	Koller & Smith, Inc.	6 50
101271	3- 1-13	8-13-13	Tower Manufacturing & Novelty Co	60
101273			The Tabulating Machine Co	31
101274	6-30-13	8-13-13	Corcoran, Fitzgerald & Co	6 70
101275			Krengel Manufacturing Co.	80
101276	7- 7-13	8-13-13	M. J. Tobin	3 75
101277	7- 1-13	8-13-13	Eimer & Amend	80
101278	7-10-13	8-13-13	Tower Manufacturing & Novelty Co	4 75
101279	6-28-13. 7- 7-13	8-13-13	American Distilled Water Co	21 60
101280	7-16-13	8-13-13	Albers Bros	19 75
101291	7-12-13. 7- 3-13	8-13-13	Henry Moss & Co.	4 85
101293	7- 9-13	8-13-13	The J. W. Pratt Co.	22 56
101295	6-30-13	8-13-13	Knickerbocker Ice Co.	20 48
101296	7-17-13	8-13-13	Krengel Mfg. Co.	50
101300	7- 2-13	8-13-13	Hugh D. McGrane	20 00
101301	6-30-13	8-13-13	Corcoran, Fitzgerald & Co.	1 19
101302	7- 7-13	8-13-13	American Distilled Water Co	72
101303	6-30-13	8-13-13	The Globe, Wernicke Co.	6 50
101304	7-11-13	8-13-13	Library Bureau	8 77
101305	7-11-13	8-13-13	Flushing Automobile Garage, Inc.	4 22
101306	7-17-13	8-13-13	George A. Haws	15 30
101310	6- 3-13	8-13-13	H. Hanig	6 25
101311	5-14-13	8-13-13	N. Dreasner	22 00
101312	5-22-13	8-13-13	Lord & Taylor	10 60
101319	6-11-13	8-13-13	Brooklyn Window Shade Co	14 00
101320			H. Gordon	24 00
101322	5-31-13	8-13-13	George Morley	11 50
101323	6- 9-13	8-13-13	A. Itzkowitz	9 90
101324	6- 5-13	8-13-13	H. Gordon	11 25
101325	6- 3-13	8-13-13	George Morley	4 50
101327	6- 5-13	8-13-13	H. Hanig	2 75
101328	6- 7-13	8-13-13	J. Weiss	9 70
101329	4-25-13	8-13-13	H. Hanig	18 50
101330	6- 2-13	8-13-13	Hammacher, Schlemmer & Co	4 00
101332	6- 7-13	8-13-13	Vacuum Carpet Cleaner Co	7 00
101333	5-24-13	8-13-13	J. Friedman	6 90
101334	6-14-13	8-13-13	L. E. Atherton	22 00
101338	6- 2-13	8-13-13	William Hudson	15 00
101339	6-28-13	8-13-13	J. Friedman	19 00
101391		8-13-13	Village of Dobbs Ferry	551 46
101602		8-14-13	P. Belford & Son	2,491 37
101660			R. M. Bingham	223 00
100694	6-28-13	8-12-13	Yellow Taxicab Co.	26 00
100695	7-15-13. 7-25-13	8-12-13	Jerry R. O'Leary	36 00
100696	7- 9-13. 7-23-13	8-12-13	Yellow Taxicab Co.	57 00
			Board of Election.	
99816	6-20-13	8- 9-13	Finnan & Lee	$119 00
99821			B. Diamond	132 00
100166	7-31-13	8-11-13	Manhattan Storage & Warehouse Co	16 75
100167	7-31-13	8-11-13	North Side Storage Warehouse Co	15 00
100168	7-31-13	8-11-13	J. McCreery Realty Corporation	2,125 00
100169	7-31-13	8-11-13	Rothschild Realty Co.	1,250 00
100170	7-31-13	8-11-13	George W. Markey, Jr.	250 00
			Board of Estimate and Apportionment.	
101512	7-31-13	8-13-13	The Hygeia Ice Co.	$2 25
101513	6-30-13	8-13-13	The Briarcliff Farms, Inc.	90
101514	7-28-13	8-13-13	Remington Typewriter Co.	4 00
101515	7-16-13	8-13-13	Remington Typewriter Co.	3 00
101516	7-10-13	8-13-13	Remington Typewriter Co.	3 00
101517		8-13-13	Henry C. Wright	19 19
			Department of Finance.	
99132		8-17-13	Henry Blau, Assignee of Sidney Friedman or John T. Loew, Attorney	$58 08
100239			Anna D. Allers and Emma M. Allers, Executrices, and Gustav J. Allers, Executor of Diedrich Allers, Deceased	5,000 00
100239			Anna D. Allers and Emma M. Allers, Executrices, and Gustav J. Allers, Executor of Diedrich Allers, Deceased	11,445 32
100242			Metha C. Hedenkamp	1,000 00
100242			Metha C. Hedenkamp	510 57
100242			Metha C. Hedenkamp	5,285 80
100244			Iroquois Club	10,000 00
100244			Iroquois Club	5,000 00
100244			Iroquois Club	12,408 87
100256			Eckford Realty Co.	5,000 00
100256			Eckford Realty Co.	122 17
100256			Eckford Realty Co.	6,389 31
100257			Margaretha E. Halpin	2,500 00
100257			Margaretha E. Halpin	9,011 72
100258			Sylvester A. Kirk, as Executor of Sarah E. Kirk	2,500 00
100258			Sylvester A. Kirk, as Executor of Sarah E. Kirk	7,367 18
100259			Frederick Kirchner and Henry Berman	4,500 00
100259			Frederick Kirchner and Henry Berman	316 59
100259			Frederick Kirchner and Henry Berman	3,843 97
100260			Max Lang	10,141 28
100261			Josephine L. Marshall	3,500 00
100261			Josephine L. Marshall	5,270 84
100263			Adolphus A. Newman	4,928 65
100263			Adolphus A. Newman	4,500 00
100264			Phoebe Anna Payne	10,000 00
100264			Phoebe Anna Payne	6,445 32
100265			Corse Payton	21,125 56
100265			Corse Payton	1,347 02

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
100266			Charles Suffir	7,674 48
100267			Harvey J. Ubert	9,867 19
100277			Eliza M. Parkinson	2,500 00
100277			Eliza M. Parkinson	1,000 00
100277			Eliza M. Parkinson	500 00
100277			Eliza M. Parkinson	560 00
100277			Eliza M. Parkinson	120 04
100277			Eliza M. Parkinson	5,844 72
100351		8-11-13	Frank Duncan	20 00
101427			Brooklyn Industrial School Association and Home for Destitute Children	2,102 79
101499			James J. Munro as Examiner in Charge of the Division of Inspection	292 42
101499			James J. Munro as Examiner in Charge of the Division of Inspection	4 20
101650			New York Fire Department Relief Fund—Joseph Johnson, Commissioner as Trustee and Treasurer	60,220 99
101651		8-14-13	Police Pension Fund—Rhinelander Waldo, Commissioner, as Trustee and Treasurer	107,500 00
101652			John H. Timmerman, City Paymaster	50 00
101653			Harris Tekulsky	15 00
101654			Julius D. Goldman	24 00
101655			Julius D. Goldman	6 00
101656			Sadie A. Cox	45 50
101657			Elizabeth G. Cooley	65 00
101658			Fanny Kline, Widow of George Kline, deceased	30 00
101659	5-24-13	8-12-13	Samuel R. Trelease	9 08
101561		8-13-13	United States Trust Co. of N. Y.	2,355 56
101562		8-13-13	United States Trust Co. of N. Y.	2,355 56
101563		8-13-13	United States Trust Co. of N. Y.	2,355 56
101564		8-13-13	United States Trust Co. of N. Y.	2,355 56
101565		8-13-13	United States Trust Co. of N. Y.	2,355 56
101566		8-13-13	United States Trust Co. of N. Y.	100,000 00
101567		8-13-13	United States Trust Co. of N. Y.	100,000 00
101568		8-13-13	United States Trust Co. of N. Y.	100,000 00
101569			United States Trust Co. of N. Y.	100,000 00
102006		8-14-13	Arthur E. Byrd, Undertaker of Amos Dodge, deceased	58 33
102594		8-15-13	Harry A. York, Deputy and Acting Chief Auditor of Accounts	39 00

Fire Department.

98804			Kerr & Krenkel	$712 17
100136	6-19-13	8-11-13	Lewis Mfg. Co.	31 00
100156	7-23-13	8-11-13	William Flanagan	51 79

Law Department.

99743	6-30-13	8- 8-13	Joseph A. Anekstein	$8 70
100044		8-11-13	G. L. Goodday	643 00
100045			W. H. Guffin	280 00
100056			Adams & Chambers	234 80
100055			Interborough Stenographic Co.	127 88
100057			Interborough Stenographic Co.	129 48
100116		8-11-13	Adolph Herzog, Jr.	13 15
100117	8- 1-13	8-13-13	Peerless Towel Supply Co.	3 00
101696		8-14-13	Archibald R. Watson, Corporation Counsel	500 00

Mayor's Office.

100233		8-11-13	Agnes T. Reid	24 00
101559		8-13-13	Bofinger Bros.	3 00

Department of Parks, Manhattan and Richmond.

100323	7-24-13	8-11-13	Keuffel & Esser Co.	$45 50
100324	7-28-13	8-11-13	Reade & McKenna	60 00
100325	7-19-13	8-11-13	Thomas M. DeLaney	62 75
100325	7-25-13	8-11-13	Thomas M. DeLaney	19 52
100331	7-25-13	8-11-13	C. W. Keenan	22 20
100334	7-31-13	8-11-13	Standard Oil Company of New York	453 00
100308		8-11-13	Strauss Bros.	354 64
100311		8-11-13	H. T. Dakin	9 00
100311			H. T. Dakin	754 89
100312		8-11-13	The Manhattan Supply Company	515 54
100319	5- 5-13. 7-28-13	8-11-13	Lager & Hurrell	165 00
100321	7-28-13	8-11-13	F. Donovan & Son	26 95
100322	7-26-13	8-11-13	The Manhattan Supply Company	38 61
100322	7-21-13. 7-25-13	8-11-13	The Manhattan Supply Company	256 80
100335	7-27-13	8-11-13	Benjamin Wechsler	105 00
100336	7-27-13	8-11-13	Anthony V. Cicio	110 00
100342			E. C. Stevenson	110 00
100343	8- 4-13	8-11-13	William H. Metzger	110 00
100344	8- 4-13	8-11-13	James O'Donnell	105 00
100345	8- 4-13	8-11-13	John P. McGarry	110 00
100346	8- 4-13	8-11-13	Joseph Suber	110 00
100743			Treasurer, Brooklyn Institute of Arts and Sciences	569 57
100743			Treasurer, Brooklyn Institute of Arts and Sciences	15 00
100744			Treasurer, Brooklyn Institute of Arts and Sciences	6,501 66
100744	7-31-13	8-12-13	Treasurer, Brooklyn Institute of Arts and Sciences	703 33
100745			Treasurer, Brooklyn Institute of Arts and Sciences	1,697 22
101152			Keuffel & Esser Co.	68 23
101151	7- 3-13	8-13-13	Kern & Son	42 00
101153			Louis Ruhe	18 00
101157	7- 9-13	8-13-13	Thomsen Chemical Co.	220 00
101165	7-10-13	8-13-13	Valvoline Oil Co.	39 90
101166	6-30-13	8-13-13	Charles L. Doran Contracting Co.	256 53
101170	7-14-13	8-13-13	Wright Wire Co.	44 55
101178			John Simmons Co.	26 90
101512			Keuffel & Esser Co.	4 88
101701			Wills & Marvin Co.	47,072 25

Police Department.

101103			Bretholtz-Kurmholz Const. Co.	$1,350 00
101371		8-13-13	Police Pension Fund; Rhinelander Waldo, Commissioner, Treasurer and Trustee	135 33
101371		8-13-13	Police Pension Fund; Rhinelander Waldo, Commissioner, Treasurer and Trustee	33 32
101371		8-13-13	Police Pension Fund; Rhinelander Waldo, Commissioner, Treasurer and Trustee	11 16
101371			Police Pension Fund; Rhinelander Waldo, Commissioner, Treasurer and Trustee	37,842 81

President, Borough of Manhattan.

97777		8- 5-13	J. M. Knopp	$1,098 50
98570		8- 6-13	The Asphalt Construction Co.	170 81
99424			William A. Prendergast, Comptroller.	2,831 00
99727			The Asphalt Construction Co.	537 83
99734			Royal Co. of N. Y., assignee of Keepsdry Construction Co.	1,466 25
99734		8- 8-13	Royal Co. of N. Y., assignee of Keepsdry Construction Co.	1,657 50
99737		8- 8-13	Asphalt Construction Co.	183 67
99738		8- 8-13	Asphalt Construction Co.	198 11
99739		8- 8-13	Sicilian Asphalt Paving Co.	30 61
101067		8-12-13	M. De Menna Construction Co., assignee of Louis Pepe	2,385 95
101380		8-13-13	Pheon Contracting Co.	2,254 20

President, Borough of The Bronx.

101377		8-13-13	F. V. Smith, Inc., assignee of F. V. Smith	$3,710 25

President, Borough of Brooklyn.

99202		8- 7-13	M. J. O'Hara	$1,761 57
99205		8- 7-13	Borough Asphalt Co.	2,803 15
99215		8- 7-13	D. Donegan Co., assignee of W. J. Redmond Co.	12,902 35
100477		8-11-13	Newman & Carey Co.	3,394 05
101084			James I. Jacobs	3 50
101088		8-12-13	Wm. J. Shea, Engineer	17 45
101538			Thos. W. Wood's Sons, Inc.	2,576 62
101538		8-13-13	Thos. W. Wood's Sons, Inc.	3,658 01

President, Borough of Queens.

99783		8- 8-13	Charles A. Myers	$1,522 12
100377	6- 1-13	8-11-13	Madison Avenue Garage	20 00
100384			Elmhurst Coal Co.	8 00
100384			Elmhurst Coal Co.	65 50
100386	7-19-13	8-12-13	W. A. Duncan	450 00
101536	5-15-13	8-13-13	The Long Island Railroad Co.	1 00

President, Borough of Richmond.

98417		8- 6-13	Joseph Johnson's Sons	$2,054 27

Department of Public Charities.

100009		8- 9-13	James M. Shaw & Co.	$99 93
100013		8- 9-13	L. Hamburger	244 99
100742	5-31-13	8-12-13	Charles L. Allers, M. D.	150 00
100883	5-31-13	8-12-13	Spooner & Wells, Inc.	5 00
100888	6-13-13	8-12-13	Vought & Williams	5 48
100895	7-17-13	8-12-13	Agent and Warden of Clinton Prison	3 15
100897			Gimbel Brothers	40 00
100901	6-14-13	8-12-13	James S. Barron & Co.	15 50
100906	6- 3-13. 6-24-13	8-12-13	Vacuum Oil Co.	31 92
100913	7-17-13	8-12-13	Annin & Co.	18 60
100914	6- 7-13	8-12-13	American Railway Supply Co.	7 98
100931	7-17-13	8-12-13	Detroit Publishing Co.	6 00
100939			Hammacher, Schlemmer & Co.	5 60
100944			Wm. F. Herterich	4 55
100946	6-17-13	8-12-13	H. Kohnstamm & Co.	15 00
100948	7-16-13	8-12-13	The Kny-Scheerer Co.	9 00
100957	5-24-13	8-12-13	New Amsterdam Gas Co.	12 00
100967			C. H. & E. S. Goldberg	2 30
100967	5- 9-13. 7-18-13	8-12-13	C. H. & E. S. Goldberg	65
100974	6-16-13	8-12-13	James A. Miller	2 00
100988	7-16-13	8-12-13	Krystaleid Water Co.	2 88
100989	7- 7-13	8-12-13	James S. Barron & Co.	16 00
100995	6- 5-13	8-12-13	Nanz Clock Co.	29 75

Public Service Commission.

97912		8- 5-13	Rapid Transit Subway Construction Co. and Interborough Rapid Transit Co.	$4,496 43

Registrar of Kings County.

101341	7-31-13	8-13-13	Great Bear Spring Co.	$26 10

Sheriff of Queens County.

88287		7-15-13	Wallace Reid	$93 60
100784		8-12-13	John Gough	5 02
100785			Martin W. Lochner	3 15
100786		8-12-13	Frank De Bragga	22 42
100787		8-12-13	Andrew D. Brown	5 52
100788		8-12-13	Andrew D. Brown	4 31
100789		8-12-13	James W. Yerex	5 85
100790		8-12-13	Anton Garbe	79 54
100791		8-12-13	James H. Nix	16 01
100792		8-12-13	Thomas J. Rigney	2 77
100793			Eugene Sonntag	2 65
100794		8-12-13	Robert H. Drouve	12 95
100795		8-12-13	Louis A. De Sutter	7 14
100796		8-12-13	Samuel J. Mitchell	21 00
100797		8-12-13	Edward Howard	11 58
100798		8-12-13	Herman Gohlinghorst	4 83
100799		8-12-13	Frank Schulte	1 34
100800			James T. Kelly	19 60
100801	8- 2-13	8-12-13	Fallon Law Book Co.	14 35
100802	8- 6-13	8-12-13	E. I. Alderman	6 95

Department of Street Cleaning.

76047	4-23-12	6-17-13	Asher Detective Agency	$63 25
76048	4-24-13	6-17-13	Ascher Detective Agency	384 00
99986		8- 9-13	Kenwood Contracting Co.	8,369 55
99986			Kenwood Contracting Co.	8,369 55
99987		8- 9-13	Dailey & Ivins	6,835 06
99987			Dailey & Ivins	419 48
99988			New York Sanitary Utilization Co.	1,370 42
99988		8- 9-13	New York Sanitary Utilization Co.	2,017 58
99988			New York Sanitary Utilization Co.	418 73
101038			F. N. Du Bois & Co.	15 87

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
101039			Kimball Electrical Construction Co....	5 00
101040	7-31-13	8-12-13	Underwood Typewriter Co., Inc.....	1 50
101041	6-30-13	8-12-13	Fletcher-Stanley Co.	5 00
101042	7-25-13	8-12-13	The Maintenance Co.	2 40
101043			Fletcher-Stanley Co.	11 00
101043			Remington Typewriter Co.	75
101046			The American Society for the Prevention of Cruelty to Animals	5 00
101048	7-31-13	8-12-13	B. F. Hewitt	167 55
			Tenement House Department.	
100821	7-13-13		Yellow Taxicab Co.	$10 80
100822	8- 1-13		Tremont Taxicab Co., Inc.....	2 00
			Department of Water Supply, Gas and Electricity.	
98677	7-25-13	8-12-13	New York Sporting Goods Co.....	$17 10
98678		8- 7-13	New York Telephone Co.....	558 70
99292		8- 7-13	James O'Leary	5,095 50
99369		8- 8-13	New York Telephone Co.	1,374 15
100508			John V. Harte	3 00
100522			L. B. Shoemaker, Asst. Engineer.....	1 40
100522			L. B. Shoemaker, Asst. Engineer.....	4 40
100522			L. B. Shoemaker, Asst. Engineer.....	1 50
100531	7-31-13	8-12-13	Schildwachter Ice Co.	10 40
100548	7-13-13		John W. Huntley	94 50
100051	7-30-13	8-11-13	E. L. Carmichael	6 01
100557	8- 1-13	8-12-13	T. G. Parker	105 00
100563	8- 1-13	8-12-13	Rockville Centre Garage	25
100564			Firestone Tire & Rubber Co.....	7 64
100565			F. N. Du Bois & Co.....	12 60
100566	7-31-13	8-12-13	Brooklyn Electrical Supply Co.....	12 04
100760			William H. Fowler	15 00

VOUCHERS RECEIVED IN DEPARTMENT OF FINANCE MONDAY, AUGUST 18, 1913.

A statement is herewith submitted of all vouchers filed in the Department of Finance on this date in which is shown the Department of Finance voucher number, the date or dates of the invoices or bills, the name of the payee and the amount of the claim. Where two or more bills are embraced in one voucher, the dates of the earliest and latest are given.

If the vouchers are found to be correct, and properly payable to the respective claimants, it will be my endeavor to have the warrants therefor made ready for payment within the next seven days.

If any claimant within the time stated does not receive his warrant or a written notice in relation thereto, then written or verbal inquiry may be made at this office, using the Department of Finance voucher number as a ready means of reference.

WM. A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.
		Board of Ambulance Service.	
103170		Jamaica Hospital	$125 00
		Magistrates' Courts.	
103007		William A. Nelson	$5 30
103008		William A. Nelson, Jr.....	2 60
103009		William A. Nelson, Jr.....	80
103161	8- 1-13	The Peerless Towel Sup. Co.	1 50
103162	7- 3-13	J. W. Cleary	4 00
103163	7-30-13	Remington Typewriter Co..	1 30
103164		William F. Delaney	12 60
103165		William F. Delaney	12 10
103166	7-10-13	William F. Herterich	4 20
103167	7-11-13	Royal-Eastern Elect. Sup. Co.	12 25
103168	7- 7-13	Royal-Eastern Elect. Sup. Co.	79 75
103168a	7-18-13	Fallon Law Book Co.....	156 00
103169	7-18-13	Fallon Law Book Co.....	86 35
		Commissioners of Accounts.	
103154		Jeremiah T. Mahoney	$50 04
103155		Jeremiah T. Mahoney	213 93
		Bellevue and Allied Hospitals.	
102988	5-19-13	The H. B. Claflin Co.....	$99 39
102989	7- 1-13	Henry Bainbridge & Co....	5 00
102990	3-15-13	H. T. Dakin	89 20
102991	6-10-13	William Hunrath	22 45
102992	5-24-13	The Hart & Hutchinson Co.	11 30
102993	5-27-13	Herwood Brothers & Wakefield	105 60
102994	6-11-13	Harry M. Kaiser	70 08
102995	6-13-13	Frank A. Hall & Sons.....	135 50
102996	6-16-13	Duparquet, Huot & Moneuse	35 99
102997	6-24-13	James Connaughton	1,112 80
102998	6-14-13	J. E. Kennedy & Co.....	55 75
102999	5-12-13	The Kny-Scheerer Co.....	140 09
103000	6-10-13	M. Faulhaber	10 50
103001	4-16-13	Columbia Graphophone Co.	227 25
103002	6-13-13	Robert Ferguson	8 90
103003	6-25-13	Burnitol Mfg. Co.....	90 00
103004	6-13-13	John Boyle & Co., Inc.....	37 44
103005	6- 3-13	Cardley & Hayes	17 80
103006	4-15-13	Charles L. Doran Contracting Co.	15 00
103198	6-11-13	Keeley & Mueller	8 30
103199	6-20-13	Blain Brothers	75 00
103200	6- 3-13	Tredwell Ketcham	61 04
103201	6-10-13	Albert Bros.	30 00
103202	6-25-13	Electric. Constr. & Sup. Co.	110 40
103203	5-31-13	George Ermold Co.....	2 38
103204	6- 9-13	Henry J. Green	12 00
103205	5- 3-13	J. P. Kauson & Son	120 00
103206	5-22-13	Jordan Bros.	33 55
103207	6- 2-13	Kranich & Bach	2 00
103208	6-30-13	M. J. Hassett	28 00
103209	4-16-13	The Fisk Rubber Co.....	16 20
103210	6-17-13	Firestone Tire & Rubber Co.	164 33
103211	6-14-13	Ajax Grieb Rubber Co.....	89 22
103212	5-31-13	Anderson Electric Car Co..	1 50
103213	6-20-13	C. W. Fryhofer	4 00
103214	6-16-13	The Kny-Scheerer Co.....	113 35
103215	6- 7-13	E. P. Gleason Mfg. Co....	29 00
103216	5-22-13	Greenhut-Siegel Cooper Co.	3 92
103217	5-27-13	Goodyear India Rubber Selling Co.	2 25
103218	6- 6-13	Hammacher, Schlemmer & Co.	92 50
103219	5-24-13	Hanlon & Goodman Co.....	35 15
103220	6-24-13	Jones Packing Co.....	52 82
103221	6-30-13	H. W. Johns-Manville Co..	17 40
103222	5-31-13	Jenkins Bros.	35 43
103223	6-20-13	The American Laundry Mach. Co.	45 65
103224	6-17-13	Burdett-Rowntree Mfg. Co.	12 60

Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.
103225	5- 9-13	Clayton Air Compressor Works	3 52
103226	6- 7-13	De La Vergne Machine Co.	2 25
103227	6-17-13	Thomas C. Dunham	24 78
103228	4-30-13	Dowd Lumber Co.....	1 80
103229	6- 5-13	John Egan	13 56
103230	6-16-13	Thomas P. Ford Co.....	1 20
103231	5- 9-13	The Hospital Supply Co....	6 30
103232	6-16-13	Hazard Mfg. Co.....	20 40
103233	6- 6-13	S. F. Hayward & Co.....	3 60
103234	6-27-13	The Kny-Scheerer Co.....	88 95
103235	6-27-13	Kalt Lumber Co.....	26 60
103236	6- 5-13	Thos. W. Kiley & Co.....	22 75
		District Attorney, Kings County.	
103066	4-28-13	Anthony C. Grieco	$9 00
103067	7-19-13	Eugene Daly	29 01
103068	8- 2-13	John J. Dowling	4 69
		District Attorney, Richmond County.	
103010	8- 1-13	The Banks Law Pub. Co....	$17 95
103011	7-31-13	N. Y. Tel. Co.....	19 31
		Department of Education.	
103983	7-15-13	Cavanagh Bros. & Co.....	$482 46
102984	7-16-13	The Ellsworth Co.....	663 07
102985		Cavanagh Bros. & Co.....	360 00
102986	5-28-13	Cavanagh Bros. & Co.....	611 70
		Department of Finance.	
103012		J. W. Pratt Co.....	$850 00
103013		John B. Pace, as Assignee Culgin Pace Cont. Co.....	2,000 00
103014		Francis B. Gibbins.....	486 00
103015		Edward J. Malley.....	340 00
103016		Rudolph L. Diemer.....	340 00
103017		Walter Green	48 00
103018		American Malting Co.....	9,387 75
103047		John H. Thorn, Henry Thorn et al.....	4,040 25
103048		John H. Thorn, Henry Thorn et al.....	1,750 00
103049		Amanda Wilson	1,500 00
103050		Robert C. Tompkins.....	270 00
103051		Stuart Walker	250 00
103052		William Allaire Shortt.....	240 00
103053		James T. Rourke.....	355 00
103054		Samuel H. Exius.....	355 00
103055		William W. Bryan.....	345 00
103056		James V. Gauly	315 00
103057		John Davis	325 00
103058		George M. S. Schulz	333 50
103059		William Kearney	105 00
103060		Maurice S. Cohen.....	4,400 00
103061		Max Bendit	3,695 00
103062		Joseph J. Marrin	3,005 00
103063		Edwin S. Gleason	360 00
103064		William McDermott	285 00
103065		George Sanford Parsons...	290 00
		Fire Department.	
103149	8- 4-13	Frank J. Helmle	$244 00
103150	8- 9-13	William Farrell & Son.....	1,823 58
103151	8- 6-13	Livingston Nail Co.....	1,164 00
103152	7-31-13	Vought & Williams.....	148 79
		Department of Health.	
103240		Wm. Horne Co.....	$2,279 70
		President, Borough of Manhattan.	
103075	7-31-13	Eber L. Scripture	275 40
103076	7-12-13	J. P. Duffy Co.....	113 94
103077	7-31-13	Clark & Wilkins Co.....	459 90
103978	7-31-13	Frederick Starr Cont. Co..	1,566 27
103079	7-31-13	John A. McCarthy.....	1,189 27
103080	8-13-13	Uvalde Cont. Co.....	3,938 97
103081	8-14-13	Uvalde Cont. Co.....	2,779 19
103982	8-14-13	Uvalde Cont. Co.....	1,404 40
103083	8-13-13	Asphalt Const. Co.....	870 57
103084	8-13-13	Sicilian Asphalt Pav. Co...	495 50
103085	8-13-13	Eastern Paving Co.....	8,010 90
103086	8-13-13	Asphalt Const. Co.....	5,229 90
103087	7- 3-13	Rafferty Bros.	784 35
103088	7-25-13	Sicilian Asp. Pav. Co.....	380 60
103089	7-31-13	Continental Asp. Pav. Co., Sicilian Asp. Pav. Co., Assignee	105 77
103090	8-13-13	Barber Asp. Pav. Co.....	2,482 07
		President, Borough of Queens.	
103179	8- 2-13	Clancy & Van Alst.....	$2,363 66
103180		Republic Const. Co.....	3,505 51

Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.
103171	7- 8-13	Arthur C. Jacobson & Sons	3,333 64
103172	7- 7-13	Standard Oil Co.....	8,584 89
103173	4-30-13	N. Y. Tel. Co.....	687 88
103174		Charles A. Myers.....	213 63
103175	6-20-13	Arch. Engineering Co., Inc., Assignee of Hicks-Johnson Const. Co.....	6,695 47
103176		Hicks-Johnson Const. Co., Assignee to Arch. Engineering Co.	6,483 45
103177		Astoria Cont. Co.....	1,615 25
103178		Barber Asp. Pav. Co.....	7,731 94
		President, Borough of Brooklyn.	
102987	8-14-13	Brooklyn Alcatraz Asp. Co.	$4,301 53
103190		F. A. Pellegrino Const. Co.	240 81
103191		Frank Rerendino, Inc.....	764 28
103192	8-15-13	Louis Granato	2,374 00
103193	8-15-13	Uvalde Cont. Co.....	3,650 99
103194	8-18-13	Patrick Hickey	7,565 00
103195	8-18-13	Castle Bros., Inc.....	1,326 00
103196	8-15-13	Paladino & Bros.....	3,056 90
103197	8-15-13	MacFarlane Cont. Co.....	9,914 31
		President, Borough of The Bronx.	
103182		Standard Oil Co.....	$131 10
103183	6-16-13	The United Gas Improvement Co.	3,745 00
103184		John H. Parker Co.....	30,600 00
103185	8-13-13	The Hastings Pavement Co.	1,422 34
103186	8-12-13	The Barber Asphalt Pvg. Co.	1,189 48
103187	8-12-13	The Barber Asphalt Pvg. Co.	1,094 94
103188	8-12-13	The Asphalt Constr. Co....	929 67
103189	8-12-13	Dayton Hedges	4,271 31
		Department of Water Supply, Gas and Electricity.	
103091	7- 3-13	F. F. Fuhrmann	$15 20
103092	7-31-13	Knickerbocker Ice Co.....	6 20
103093	8- 6-13	Revere Rubber Co.....	18 01
103094	8- 3-13	Keuffel & Esser Co.....	23 94
103095	5-29-13	George W. Bromley & Co..	6 00
103096	6-17-13	Firestone Tire & Rubber Co.	93 18
103097		Patterson Brothers	20 10
103098		F. F. Fuhrmann	47 00
103099	6- 3-13	John Simmons Co.....	62 11
103100	7-21-13	The Manhattan Sup. Co....	8 65
103101	7-31-13	Sibley & Pitman	5 34
103102		S. I. Shipbuilding Co.....	123 96
103103		The Tottenville Mach. Shop	99 30
103104	8- 7-13	Remington Typewriter Co..	1 30
103105	7-23-13	Foote, Pierson & Co.....	9 00
103106	8- 1-13	James Kelly	24 00
103107	7-31-13	Peter McGlynn	104 00
103108		Joseph M. Holahan	91 00
103109	8- 4-13	James Naughton's Sons.....	56 00
103110	8- 1-13	William M. Sullivan	60 00
103111		Edwin Roberts	60 00
103112	8- 1-13	Brighton Stables	30 00
103113		John Diehl	60 00
103114		George Meyer	60 00
103115		James Brady	60 00
103116	8- 1-13	George Meyer	60 00
103117	8- 1-13	M. J. Halloran	2 50
103118	7-31-13	James E. Halligan	27 00
103119	7-31-13	So. Brooklyn Auto Livery & Sales Co.....	83 33
103120	7-31-13	The Tabulating Mach. Co..	57 00
103121	7-12-13	The Western Union Tel. Co.	3 00
103122	8- 6-13	E. Belcher Hyde	14 00
103123		Walter H. Ambrose	139 65
103124	8- 4-13	The Lithoprint Co.....	6 75
103125	7- 1-13	W. W. Cornell	15 00
103126	7-31-13	Revere Rubber Co. of N. Y.	20 13
103127		C. L. Trice	162 00
103128		Wm. Hauck	13 12
103130		Herbert Hawkins	11 41
103131		Thomson Meter Co.....	1 05
103132		Wm. Hauck	96 15
103133		Wm. Hauck	4 56
103134		George Sheridan	30 30
103135		Queens County Water Co...	4,875 70
103136		Michael Tallent	42 10
103137		Thomas J. Gannon	36 96
103138		Thomas J. Gannon	11 85
103139		Jos. F. Dougherty	51 17
103140		John S. Hillabrant	60 30
103141		B. A. Ruge	129 60
103142		James A. Swayne	60 20
103143		Wm. A. Drew	47 88
103144		L. B. Shoemaker	3 04
103145		Wm. A. Drew	21 65
103146		Long Island R. R. Co.....	2 57
103237	8- 18-13	Gibson Iron Works Co....	334 87

METEOROLOGICAL OBSERVATORY OF THE DEPARTMENT OF PARKS.

Abstract of Registers from Self-Recording Instruments for the Week Ending Saturday, August 9, 1913.

Central Park, The City of New York—Latitude, 40° 45′ 58″ N. Longitude, 73° 57′ 58″ W
Height of Instruments Above the Ground, 53 feet; Above the Sea, 97 feet.
Under Supervision of U. S. Weather Bureau, James H. Scarr,
District Forecaster, Acting Director.

BAROMETER.

DATE. August.	7 a. m. Reduced to Freezing.	2 p. m. Reduced to Freezing.	9 p. m. Reduced to Freezing.	Mean for the Day. Reduced to Freezing.	Maximum. Reduced to Freezing.	Maximum. Time.	Minimum. Reduced to Freezing.	Minimum. Time.
Sunday, 3	75 29.87	87 29 79	78 29.74	29.80	78 29.87	9.00 a. m.	74 29.72	12.00 p. m.
Monday, 4	69 29.72	81 29.72	72 29.80	29.75	68 29.85	12.00 p. m.	69 29.68	5.00 a. m.
Tuesday, 5	60 29.68	77 29 99	70 30 04	30.00	70 30.04	8.30 p. m	68 29.85	0.02 a. m.
Wednesday, 6	66 30.01	79 29.93	73 29.90	29.95	65 30.01	0.00 a. m.	73 29.88	11,30 p. m.
Thursday, 7	63 29.88	79 29.90	72 29.96	29.91	72 29.98	12 00 p m.	66 29.86	2 30 a. m.
Friday, 8	71 30.03	80 30.05	72 30.04	30.04	81 30.06	1.15 p. m.	69 29.99	0 00 a. m.
Saturday, 9	71 30.02	84 29.91	81 29.89	29.94	71 30.04	0.00 a. m.	66 29 87	4.00 p m.

Mean for the week		29.91	inches
Maximum	at 1.15 p m., Aug. 8	30.06	"
Minimum	at 5.00 a. m., Aug. 4	29.68	"
Range		0 38	"

THERMOMETERS.

DATE. August.	7 a. m. Dry Bulb.	7 a. m. Wet Bulb.	2 p. m. Dry Bulb.	2 p. m. Wet Bulb.	9 p. m. Dry Bulb.	9 p. m. Wet Bulb.	Mean. Dry Bulb.	Mean. Wet Bulb.	Maximum. Dry Bulb.	Maximum. Time.	Maximum. Wet Bulb.	Maximum. Time.	Minimum. Dry Bulb.	Minimum. Time.	Minimum. Wet Bulb.	Minimum. Time.	Maximum In Sun.
Sunday, 3	75	64	87	66	78	65	80	65	90	4.00 p.m	69	12 p.m	66	5.15 a.m	61	5 a.m	134
Monday, 4	69	64	81	65	72	63	74	64	81	4.00 p m	71	6 p.m	67	6.15 a.m	60	12 p.m	129
Tuesday, 5	66	59	77	59	70	62	71	57	78	2.20 p.m	63	4 p m	63	5 00 a.m	58	5 a.m	123
Wednesday, 6	66	64	79	70	73	71	73	68	80	2.15 p.m	71	9 p m	63	6.00 a.m	61	3 a.m	122
Thursday, 7	68	66	79	67	74	66	73	66	80	3.20 p.m	68	4 p.m	65	4.00 a m	64	6 a.m	129
Friday, 8	71	69	80	70	72	69	74	69	82	12.50 p.m	70	3 p.m	66	2 20 a.m	66	5 a.m	119
Saturday, 9	71	70	84	74	81	77	79	74	87	2.20 p.m	77	9 p.m	69	6.00 a.m	68	6 a.m	125

		Dry Bulb		*Wet Bulb.*
Mean for the week		74.9 degrees		66.1 degrees.
Maximum	at 4.00 p. m., Aug. 3	90	at 9 p. m., Aug. 9	77 "
Minimum	at 5.00 a m., Aug. 5	63	at 5 a. m., Aug 5	58 "
Range		27		19 "

WIND.

DATE. August.	Direction. 7 a. m.	Direction. 2 p. m.	Direction. 9 p. m.	Velocity in Miles. 9 p.m. to 7 a.m.	Velocity in Miles. 7 a.m. to 2 p.m.	Velocity in Miles. 2 p.m. to 9 p.m.	Velocity in Miles. Distance for the Day.	Force in Pounds per Square Foot. 7 a.m.	2 p.m.	9 p.m.	Max.	Time.
Sunday, 3	W	NW	S	26	24	34	79	0	0	¼	¼	8.30 p.m
Monday, 4	NW	N	S	41	41	25	115	¾	0	0	1½	4.45 p m.
Tuesday, 5	N	NW	S	56	39	41	135	¼	0	½	½	8.00 p.m.
Wednesday, 6	E	S	S	25	43	58	126	0	1½	½	2½	4.20 p.m.
Thursday, 7	N	E	S	47	43	28	115	0	¼	0	½	2.25 p.m.
Friday, 8	NE	S	S	21	33	53	120	0	1½	1½	1¾	9.40 p.m.
Saturday, 9	SW	SW	SW	60	64	52	176	¼	1½	¼	3½	10.35 a.m

Distance traveled during the week	866 miles.
Maximum force during the week	3½ pounds.

DATE. August.	Hygrometer. Force of Vapor. 7 a. m.	2 p. m.	9 p. m.	Mean.	Relative Humidity. 7 a. m.	2 p. m.	9 p. m.	Mean.	Clouds. Clear, 0 Overcast. 10. 7 a. m.	2 p. m.	9 p. m.	Rain and Snow. Depth of Rain and Snow in Inches. Time of Beginning.	Time of Ending.	Duration. h. m.	Amount of Water. in.	Depth of Snow. in.
Sunday, 3	.449	.358	.443	.417	56	31	48	45	0	2 Cu.	1 Cu.	.....	.....	.....	....	.....
Monday, 4	.529	.403	455	.462	75	51	61	62	8 A.Cu.	6 St. Cu.	5 St.Cu	4.25p.m	5.05 p.m	0-40	04	.....
Tuesday, 5	.407	.260	.449	.372	66	33	66	55	Few Ci.	6 Ci.	3 Ci.	.....	.....	.....	.....	.....
Wedn'sd'y, 6	.569	.612	.731	.637	90	64	92	82	5 Ci.	3 Cu.	10 Nb	5.50 p.m 10.50 p.m	9.20 p.m	3-30 1-10	.01 .03	....
Thursday, 7	.612	.501	.559	.557	90	54	74	73	3 Cu.	3 Cu.	2 Ci	.....	About 3 a.m	3-0	1.00	.....
Friday, 8	.682	.598	.668	.649	88	58	87	78	Lt. Smoke	3 Ci.	3 Cu.	.....	.....	.....	.....	.....
Saturday, 9	.720	.704	.873	.766	93	63	81	82	9 Ci.St.	7 CiSt 2 Cu.	6A.Cu.	.....	.....	....	....	.....

Total amount of water for the week	1.08 inches.
Duration for the week	8 hours, 20 minutes.

DATE.			7 a. m.	2 p. m.
Sunday,	Aug.	3	Clear, warm.	Clear, hot.
Monday,	"	4	Cloudy, pleasant.	Partly cloudy, warm.
Tuesday,	"	5	Clear, pleasant.	Partly cloudy, pleasant.
Wednesday,	"	6	Partly cloudy, pleasant.	Clear, warm.
Thursday,	"	7	Clear, pleasant.	Clear, warm.
Friday,	"	8	Clear, mild.	Clear, warm.
Saturday,	"	9	Cloudy, mild.	Cloudy, warm.

Borough of Brooklyn.

Minutes of a duly advertised meeting of the Local Board of the Bay Ridge District held Monday, June 2, 1913, at 2.50 p. m.

The roll was called and the following members answered to their names:

Hon. Lewis H. Pounds, Commissioner of Public Works, presiding.

There being no quorum, the meeting was postponed.

REUBEN L. HASKELL, Borough Secretary.

Minutes of a duly advertised joint meeting of the Local Boards of the Bay Ridge and Flatbush Districts, held Monday, June 2, 1913, at 2.55 p. m.

The roll was called and the following members answered to their names:

Hon. Lewis H. Pounds, Commissioner of Public Works, presiding; Alderman Robert H. Bosse.

There being no quorum, the meeting was postponed.

REUBEN L. HASKELL, Borough Secretary.

Abstract of minutes of a duly advertised meeting of the Local Board of the Flatbush District, held Monday, June 2, 1913, at 3 p. m.

The roll was called and the following members answered to their names:

Hon. Lewis H. Pounds, Commissioner of Public Works, presiding; Alderman Robert H. Bosse.

On motion of Alderman Bosse, the minutes of meeting held April 3, 1913, were approved.

The Secretary presented resolutions initiating the following improvements:

No. 1806. Recommending to the Board of Estimate and Apportionment that the roadway width of Lewis place, between Coney Island ave. and Stratford road, be fixed at 24 feet, which, on motion of Alderman Bosse, was unanimously adopted.

No. 1806. To set cement curb and lay cement sidewalks where necessary on Lewis place, between Coney Island ave. and Stratford road, which, on motion of Alderman Bosse, was unanimously adopted.

No. 1806. To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Lewis place, between Coney Island ave. and Stratford road, which, on motion of Alderman Bosse, was unanimously adopted.

No. 1826. That the lots lying on the east side of 14th ave., between 69th and 70th sts.; on the south side of 69th st., between 14th and 15th aves., and on the north side of 70th st., between 14th and 15th aves., known as Nos. 1, 3, 4, 9, 12, 14, 70 and 71, Block 6157, be enclosed with a board fence six feet high, at the expense of the owner or owners of said lots. Estimated cost, $220; assessed valuation, $18,400, which, on motion of Alderman Bosse, was unanimously adopted.

No. 1744. To lay a preliminary or permanent asphalt pavement on 75th st. from 15th ave. to New Utrecht ave.

On motion of Alderman Bosse the resolution was amended by separating into two resolutions, as follows:

1. To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 75th st., from the westerly side of 15th ave. to the westerly side of 16th ave., which on motion of Alderman Bosse was unanimously adopted.

2. To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 75th st. from the westerly side of 16th ave. to New Utrecht ave., which on motion of Alderman Bosse was adopted.

No. 1824. To lay a preliminary or permanent asphalt pavement on E. 14th st., from Ditmas ave. to Newkirk ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on E. 14th st., from Ditmas ave. to Newkirk ave.," which on motion of Alderman Bosse was unanimously adopted.

No. 611 B. R. To amend resolution of October 14, 1909, initiating proceedings to pave Benson ave. with asphalt on concrete foundation where not already paved, between 15th and 18th aves., by providing for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows: To lay a preliminary or permanent asphalt pavement on Benson ave. from 15th ave. to 18th ave., where not already paved, which on motion of Alderman Bosse was further amended to read as follows:

"To lay a permanent asphalt pavement on Benson ave. from 15th ave. to 18th ave., where not already paved." On motion of Alderman Bosse the resolution was unanimously adopted as amended.

No. 611 B. R. To construct sewer basins on Benson ave. at all four corners of 15th ave. and at the north and east corners of Bay 11th st., at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basins. Estimated cost, $1,000; assessed valuation, $46,350, which on motion of Alderman Bosse was unanimously adopted.

No. 1769. To regulate, grade, set cement curb and lay cement sidewalks on Bay 31st st. from Cropsey ave. to 86th st., which on motion of Alderman Bosse was adopted.

No. 1769. To lay a preliminary or permanent asphalt pavement on Bay 31st st. from Cropsey ave. to 86th st., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Bay 31st st. from Cropsey ave. to 86th st.," which on motion of Alderman Bosse was adopted.

No. 1805. To lay a preliminary or permanent asphalt pavement on 84th st., from 21st ave. to 22d ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 84th st. from 21st ave. to 22d ave.," which on motion of Alderman Bosse was adopted.

No. 1818. To lay a preliminary or permanent asphalt pavement on 86th st. from 16th ave. to 18th ave., which was amended to read as follows:

"To lay a permanent asphalt pavement on 86th st. from 16th ave. to 18th ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1819. To lay a preliminary or permanent asphalt pavement on 86th st. from 18th ave. to 22d ave., which was amended to read as follows:

"To lay a permanent asphalt pavement on 86th st. from 18th ave. to 22d ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1820. To lay a preliminary or permanent asphalt pavement on Johnson st. from Coney Island ave. to E. 7th st., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Johnson st. from Coney Island ave. to E. 7th st.," which on motion of Alderman Bosse was adopted as amended.

No. 1835. To construct a sewer in Carroll st. from a point 100 feet west of Nostrand ave. westerly to the end of the existing sewer in Carroll st., about 240 feet west of Nostrand ave., which on motion of Commissioner Pounds was adopted.

No. 1567. To reconsider and rescind resolution of June 5, 1912, directing to grade to the level of the adjoining streets as now in use, Lots 43, 48 and 53, Block 6874, between Benson and Bath aves. and Bay 34th and Bay 35th sts. Estimated cost, $1,300; assessed valuation, $8,500, which on motion of Alderman Bosse was adopted.

No. 1827. To construct a sewer in E. 35th st. from Clarendon road to Canarsie lane, which on motion of Alderman Bosse was adopted.

No. 1879. To construct a sewer in 18th ave. from 60th st. to 61st st., and in 61st st. from 17th ave. to 18th ave., which on motion of Alderman Bosse was adopted.

No. 1840. To lay a preliminary or permanent asphalt pavement on 57th st. from 14th ave. to 16th ave., which was amended to read as follows:

"To lay a permanent asphalt pavement on a 5-inch concrete foundation on 57th st. from 14th ave. to 16th ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1845. To lay a preliminary or permanent asphalt pavement on 54th st. from 13th ave. to 15th ave., except where already paved, which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 54th st., from 13th ave. to 15th ave., except where already paved," which on motion of Alderman Bosse was adopted.

No. 1844. To construct a sewer in Matthews pl., from Coney Island ave. to Stratford road, which on motion of Alderman Bosse was adopted.

No. 1905. To lay a preliminary or permanent asphalt pavement on 18th ave. from Ocean parkway to Gravesend ave., which was amended to read as follows:

"To lay a permanent asphalt pavement on 18th ave. from Ocean parkway to Gravesend ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1806. To construct a sewer in Lewis place, from Coney Island ave. to Stratford road, which on motion of Alderman Bosse was adopted.

No. 1829. To lay a preliminary or permanent asphalt pavement on 38th st. from 10th ave. to Fort Hamilton ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 38th st. from 10th ave. to Fort Hamilton ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1838. To construct a sewer basin at the southeast corner of Church ave. and Johnson place, at the expense of the owner or owners of the lots fronting on the portions of the streets draining into said basin. Estimated cost, $200; assessed valuation, $188,450, which on motion of Alderman Bosse was adopted.

No. 1740. To regulate, grade, set cement curb and lay cement sidewalks on Johnson place, from Church ave. to Erasmus st., which on motion of Alderman Bosse was adopted.

No. 1831. To construct a sewer in 68th st. from 18th ave. to the end of the existing sewer east of 17th ave., which on motion of Alderman Bosse was adopted.

No. 1851. To regulate, grade, set cement curb and lay cement sidewalks on E. 9th st. from Ave. L to Ave. M, which on motion of Alderman Bosse was adopted.

No. 1874. To regulate, grade, set cement curb and lay cement sidewalks on Matthews place, between Coney Island ave. and Stratford road, which on motion of Alderman Bosse was adopted.

No. 1903. To lay a preliminary or permanent asphalt pavement on Matthews place, from Coney Island ave. to Stratford road, which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Matthews place, from Coney Island ave. to Stratford road," which on motion of Alderman Bosse was adopted as amended.

No. 1904. To regulate, grade, set cement curb and lay cement sidewalks where not already done on President st., from Rogers ave. to Nostrand ave., which on motion of Alderman Bosse was adopted.

No. 1874. Recommending to the Board of Estimate and Apportionment that the roadway width of Matthews place, from Coney Island ave. to Stratford road, be fixed at 24 feet, which on motion of Alderman Bosse was adopted.

No. 1859. To lay a preliminary or permanent asphalt pavement on West st., from Church ave. to 39th st., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on West st. from Church ave. to 39th st.," which on motion of Alderman Bosse was adopted as amended.

No. 1858. To regulate, grade, set curb and lay cement sidewalks where not already laid on West st., from Church ave. to Cortelyou road, which on motion of Alderman Bosse was adopted.

No. 1857. To lay a preliminary or permanent asphalt pavement on East 19th st., from Ave. I to the Long Island Railroad, which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on E. 19th st., from Ave. I to the Long Island Railroad, which on motion of Alderman Bosse was adopted as amended.

No. 916 B. R. To lay a preliminary or permanent asphalt pavement on 46th st. from 13th ave. to 18th ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 46th

st. from 13th ave. to 18th ave.," which on motion of Alderman Bosse was adopted.

No. 1869. To construct a sewer basin on E. 2d st., at the southwest corner of Ave. C, at the expense of the owner or owners of lots fronting on the portions of the street draining into said basin. Estimated cost, $200; assessed valuation, $74,550, which on motion of Alderman Bosse was adopted.

No. 1849. To construct sanitary sewers and storm water sewers in E. 9th st. from Ave. O to Ave. Q; in E. 10th st. from Ave. O to Ave. Q; in Kings highway from Coney Island ave. to E. 9th st., and outlet sanitary and outlet storm water sewers in Ave. Q from E. 9th st. to Coney Island ave., which on motion of Alderman Bosse was adopted.

No. 1897. To construct sewers in E. 19th st. from Ave. L to Ave. M and in Ave. M from Ocean ave. to E. 19th st., and outlet sewer in E. 19th st. from Ave. M to Ave. N, which on motion of Alderman Bosse was adopted.

No. 1608-A. To lay a preliminary or permanent asphalt pavement on 17th ave. from 84th st. to 86th st., which was amended to read as follows:

"To lay a permanent asphalt pavement on 17th ave. from 84th st. to 86th st.," which on motion of Alderman Bosse was adopted as amended.

No. 1850. To construct a sewer in Kings highway from E. 9th st. to E. 8th st., and outlet sewer in Kings highway from E. 8th st. to Ocean parkway, which on motion of Alderman Bosse was adopted.

No. 1770. To construct house connection drains on sewer in 74th st., between 16th ave. and 17th ave. and sewer basins at the northeast and southeast corners of 74th st. and New Utrecht ave., which on motion of Alderman Bosse was adopted.

No. 1882. To open Johnson place from Church ave. to Erasmus st.

On motion of Alderman Bosse the resolution was denied.

No. 1801. To lay cement sidewalks on both sides of E. 16th st. from Newkirk ave. to a point about 140 feet northerly thereof.

On motion of Alderman Bosse the resolution was adopted.

No. 1864. To regulate, grade, set cement curb and lay cement sidewalks on Crown st., between Kingston and Albany aves., which on motion of Alderman Bosse was adopted.

No. 1863. To regulate, grade, set cement curb and lay cement sidewalks on Montgomery st., between Kingston and Albany aves., which on motion of Alderman Bosse was adopted.

No. 1862. To regulate, grade, curb and lay a preliminary or permanent asphalt pavement on Stephens court from Flatbush ave. to E. 23d st.

On motion of Alderman Bosse the resolution was amended to read as follows:

"To regulate, grade, curb and lay preliminary asphalt pavement on a 4-inch concrete foundation on Stephens court from Flatbush ave. to E. 23d st.," on motion of Alderman Bosse the resolution was adopted as amended.

No. 1868. To construct a sewer in Duryea place from Flatbush ave. to E. 22d st., which on motion of Alderman Bosse was adopted.

No. 1867. To regulate, grade and set curb on Duryea place, from Flatbush ave. to E. 22d st., which on motion of Alderman Bosse was adopted.

No. 1866. To construct a sewer in E. 28th st. from Tilden ave. to Albemarle road, which on motion of Alderman Bosse was adopted.

No. 1855. To lay a preliminary or permanent asphalt pavement on Coney Island ave., excepting spaces occupied by the malls from Kings highway to Ave. U, which was amended to read as follows:

"To lay a permanent asphalt pavement on Coney Island ave., excepting spaces occupied by the malls, from Kings highway to Ave. U," which on motion of Alderman Bosse was adopted as amended.

No. 1848. To lay a preliminary or permanent asphalt pavement on W. 24th st. from Surf ave. to Neptune ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on W. 24th st., from Surf ave. to Neptune ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1855. To construct a sewer in 15th ave. from Bath ave. to Benson ave., which on motion of Alderman Bosse was adopted.

No. 918 B. R. To construct a sewer in 48th st. from 17th ave. to 19th ave., and an outlet sewer in 18th ave. from 48th st. to 49th st., which on motion of Alderman Bosse was adopted.

No. 1880. To lay a preliminary or permanent asphalt pavement on 48th st. from 17th ave. to 19th ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 48th st. from 17th ave. to 19th ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1861. To construct sewer basins on 21st ave. at the north and west corners of 65th st., and at the north and west corners of 66th st. at the expense of the owner or owners of the portions of the lots draining into said basins. Estimated cost, $600; assessed valuation, $208,050, which on motion of Alderman Bosse was adopted.

No. 1180. To amend proceedings to open E. 43d st., from Flatbush ave. to Flatlands ave.; and Troy ave. from Carnarsie lane to a line about 275 feet north of Ave. M, and from a line about 240 feet south of Ave. M to Flatbush ave., by excluding provisions for opening E. 43d st. from Flatbush ave. to Flatlands ave., so as to make the amended resolution read as follows: "To open Troy ave. from Canarsie lane to a line about 275 feet north of Ave. M, and from a line about 240 feet south of Ave. M to Flatbush ave.," which on motion of Alderman Bosse was denied.

No. 1180. Recommending to the Board of Estimate and Apportionment an alteration in the map or plan of The City of New York by closing and discontinuing E. 43d st. from Flatbush ave. to Flatlands ave., which on motion of Alderman Bosse was denied.

No. 1395. To amend resolution of January 12, 1912, initiating proceedings to set cement curb where necessary and pave with asphalt on concrete foundation on Caton ave. from Ocean parkway to E. 5th st., by providing for a preliminary or permanent asphalt pavement so as to make the amended resolution read as follows: "To set cement curb where necessary and to lay a prelimnary or permanent asphalt pavement on Caton ave. from Ocean parkway to E. 5th st.," which was further amended to read as follows:

"To set cement curb where necessary and lay a preliminary asphalt pavement on a 5-inch concrete foundation on Caton ave. from Ocean parkway to E. 5th st.," which on motion of Alderman Bosse was unanimously adopted.

No. 1832. To regulate, grade, set cement curb and lay cement sidewalks on W. 3d st. from Neptune ave. to West ave., which on motion of Alderman Bosse was adopted.

No. 1836. To regulate, grade, set cement curb and lay cement sidewalks on 59th st. from 15th ave. to 16th ave., which on motion of Alderman Bosse was adopted.

No. 1837. To lay a preliminary or permanent asphalt pavement on 59th st. from 15th ave. to 16th ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on 59th st. from 15th ave. to 16th ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1870. To lay a prelimnary or permanent asphalt pavement on E. 12th st., from Kings highway to Ave. R, which on motion of Alderman Bosse was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on E. 12th st. from Kings highway to Ave. R." On motion of Alderman Bosse the resolution was adopted as amended.

No. 1871. To lay a preliminary or permanent asphalt pavement on E. 12th st. from Ave. R to Ave. S, which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on E. 12th st., from Ave. R to Ave. S," which on motion of Alderman Bosse was adopted as amended.

No. 1830. To regulate, grade, set cement curb and lay cement sidewalks on Bay 10th st. from Bath ave. to Cropsey ave.

On motion of Alderman Bosse the resolution was adopted.

No. 1846. To regulate, grade, set cement curb and lay cement sidewalks on Bay 10th st. from Bath ave. to Benson ave., which on motion of Alderman Bosse was adopted.

No. 1846. To lay a preliminary or permanent asphalt pavement on Bay 10th st. from Bath ave. to Benson ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Bay 10th st., from Bath ave. to Benson ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1768. To lay a preliminary or permanent asphalt pavement on Ave. F from Gravesend ave. to West st., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Ave. F. from Gravesend ave. to West st.," which on motion of Alderman Bosse was adopted as amended.

No. 1847. To regulate, grade, set cement curb and lay cement sidewalks on E. 15th st., from Ave. N to Ave. O, which on motion of Alderman Bosse was adopted.

No. 1847. To construct a sewer in E. 15th st. from Ave. N to Ave. O, which on motion of Alderman Bosse was adopted.

No. 1860. That the lot lying on the south side of Seeley st. and on the north side of Vanderbilt st. between 18th and 19th sts., known as No. 20, Block 5266, be enclosed with a board fence 10 feet high at the expense of the owner or owners of said lot. Estimated cost, $15; assessed valuation, $2,400, which on motion of Alderman Bosse was adopted.

No. 1872. To construct a sewer in E. 23d st. from the Long Island Railroad to Ave. I, which on motion of Alderman Bosse was adopted.

No. 1899. To construct a sewer in E. 34th st. from Church ave. to Snyder ave., which on motion of Alderman Bosse was adopted.

No. 1896. To lay a preliminary or permanent pavement on 15th ave. from 37th st. to 40th st., excepting the tracks of the Brooklyn Rapid Transit Co., which was amended to read as follows:

"To lay a permanent asphalt pavement on 15th ave. from 37th st. to 40th st., excepting the tracks of the Brooklyn Rapid Transit Co.," which on motion of Alderman Bosse was adopted as amended.

No. 1733. To regulate, grade, set curb and lay cement sidewalks on Foster ave., from Flatbush ave. to Nostrand ave., which on motion of Commissioner Pounds was denied.

No. 1873. That the lots lying on the south side of Ave. H, between E. 32d and E. 35th sts., known as Nos. 59, 57 and 53, in Block 7578; No. 42, in Block 7579 and Nos. 39, 32 and 44, in Block 7580, be enclosed with a board fence six feet high at the expense of the owner or owners of said lots. Total estimated cost, $170. Assessed valuation, $12,350, which on motion of Alderman Bosse was laid over owing to the absence of Alderman Morrison.

No. 1349. To lay a preliminary or permanent asphalt pavement on Ave. I from Brooklyn ave. to E. 40th st., which on motion of Alderman Bosse was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Ave. I from Brooklyn Ave. to E. 40th st." On motion of Alderman Bosse the resolution was adopted as amended.

No. 1878. To regulate, grade, set cement curb and lay cement sidewalks on E. 28th st., from Tilden ave. to Albemarle road, which on motion of Alderman Bosse was denied.

No. 692 B. R. To open West st. from the southern property line of Washington Cemetery to 24th ave. and from Ave. P to Kings highway, which on motion of Alderman Bosse was laid over. Commissioner Pounds stated that a petition is required.

No. 1892. To lay a preliminary or permanent asphalt pavement on Sullivan st. from Bedford ave. to Nostrand ave., which was laid over owing to the absence of Alderman Morrison.

No. 1907. To lay a preliminary or permanent asphalt pavement on Montgomery st. from Franklin ave. to Bedford ave., which was laid over owing to the absence of Alderman Morrison.

No. 1895. To construct a sewer in Montgomery st. between Bedford and Rogers ave., which on motion of Alderman Bosse was adopted.

No. 1906. To lay a preliminary or permanent asphalt pavement on Montgomery st. from Bedford ave. to Rogers ave., which was laid over owing to the absence of Alderman Morrison.

No. 1881. To regulate, grade, set curb and lay cement sidewalks on W. 5th st. from Neptune ave. to West ave., which on motion of Alderman Bosse was adopted.

No. 1893. To construct sewer basins on W. 12th st. at the southeast and southwest corners of Neptune ave., at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basins. Estimated cost, $300; assessed valuation, $60,700, which on motion of Alderman Bosse was adopted.

No. 1875. To lay a preliminary or permanent asphalt pavement on Canarsie lane from Nostrand ave. to New York ave., which was amended to read as follows:

"To lay a preliminary asphalt pavement on a 5-inch concrete foundation on Canarsie lane from Nostrand ave. to New York ave.," which on motion of Alderman Bosse was adopted as amended.

No. 1884. That cement sidewalks be laid where necessary on the west side of Ocean ave., between Ave. Q and Ave. R, which on motion of Alderman Bosse was adopted.

No. 1898. To regulate, grade, set curb, lay cement sidewalks and lay a preliminary or permanent asphalt pavement on Newkirk ave. from E. 34th st. to Brooklyn ave.

The resolution was amended to read as follows:

"To regulate, grade, set curb, lay cement sidewalks and lay a preliminary asphalt pavement on a 4-inch concrete foundation on Newkirk ave., from E. 34th st. to Brooklyn ave.," which on motion of Commissioner Pounds was adopted.

No. 1463. To amend resolution of January 12, 1912, initiating proceedings to regulate, grade, set cement curb, lay cement sidewalks and pave with asphalt on concrete foundation Louisa st., from Chester ave. to 36th st., by providing for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows: "To regulate, grade, set cement curb, lay cement sidewalks, and lay a preliminary or permanent asphalt pavement on Louisa street, from Chester ave. to 36th st.," which was further amended to read as follows:

"To regulate, grade, set cement curb, lay cement sidewalks and lay a preliminary asphalt pavement on a 5-inch concrete foundation on Louisa st., from Chester ave. to 36th st.," which on motion of Alderman Bosse was adopted as amended.

No. 1799. Recommending to the Board of Estimate and Apportionment that the roadway width of Ave. M, between Nostrand ave. and Flatlands ave., be fixed at 34 feet, which on motion of Alderman Bosse was adopted.

No. 823 B. R. To lay a preliminary or permanent asphalt pavement on E. 14th st. from Ave. O to Kings highway, which on motion of Alderman Bosse was amended to read as follows:

"To lay a permanent asphalt pavement on E. 14th st. from Ave. O to Kings highway." On motion of Alderman Bosse the resolution was adopted as amended.

No. 1833. To lay a preliminary or permanent asphalt pavement on 21st ave., from 60th st. to 67th st., which was amended to read as follows:

"To lay a permanent asphalt pavement on 21st ave., from 60th st. to 67th st.," which on motion of Alderman Bosse was adopted as amended.

Meeting adjourned.

REUBEN L. HASKELL, Borough Secretary.

Abstract of minutes of a duly advertised meeting of the Local Board of the Bushwick District held Monday, June 30, 1913, at 2.30 p. m.:

The roll was called and the following members answered to their names:

Hon. Lewis H. Pounds, Commissioner of Public Works, presiding; Alderman Otto Muhlbauer and Alderman Jacob J. Velten.

On motion of Alderman Muhlbauer, the minutes of meeting held May 28, 1913, were approved.

The Secretary presented a resolution for the following improvement:

No. 657. That the vacant lots lying on the east side of Knickerbocker ave., between Melrose st. and Flushing ave., be enclosed with a board fence six feet high at the expense of the owner or owners of said lots. Estimated cost, $60; assessed valuation, $17,500, which, on motion of Alderman Muhlbauer, was unanimously adopted. Meeting adjourned.

REUBEN L. HASKELL, Borough Secretary.

Abstract of minutes of a duly advertised joint meeting of the Williamsburg and Bushwick Local Board Districts held Monday, June 30, 1913, at 2.35 p. m.

The roll was called and the following members answered to their names:

Hon. Lewis H. Pounds, Commissioner of Public Works, presiding; Alderman Jesse D. Moore, Alderman Frank T. Dixson, Alderman William P. McGarry, Alderman Otto Muhlbauer, and Alderman Jacob J. Velten.

On motion of Alderman Muhlbauer, the minutes of meeting held February 14, 1913, were approved.

The Secretary presented resolutions for the following improvements:

No. 254 Bushwick. That the following lots be enclosed with a board fence six feet high, at the expense of the owner or owners of said lots: On the west side of White st., between Siegel and Moore sts; on the south side of Siegel st., between White st. and Bushwick ave., and on the north side of Moore st., between White st. and Bushwick ave., known as Nos. 45, 47 and 51, Block 3100; on the west side of White st., between Moore and Varet sts.; on the south side of Moore st., between White st. and Bushwick ave., and on the north side of Varet st., between White st. and Bushwick ave., known as Nos. 38 and 42, Block 3109; on the east side of White st., between Moore and Varet sts.; on the south side of Moore st., between White and Bogart sts., and on the north side of Varet st., between White and Bogart sts., known as Nos. 1, 2, 3, 4, 31, 32, 33, 34, 35, 36, 37 and 38, Block 3110. Total estimated cost, $600; total assessed valuation, $58,900.

On motion of Alderman Moore, the resolution was denied.

648 Bush. To reconsider and rescind resolution of February 14, 1913, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Scott ave., from St. Nicholas ave. and Troutman st. to Johnson ave.

On motion of Alderman Velten, the resolution was adopted by the following vote:

Affirmative—Alderman Velten, Alderman Moore, Alderman Dixson and Alderman McGarry.

Negative—Alderman Muhlbauer, and Commissioner Pounds. Meeting adjourned.

REUBEN L. HASKELL, Borough Secretary.

Abstract of minutes of a duly advertised meeting of the Local Board of the Williamsburg District held Monday, June 30, 1913, at 2.40 p. m.

The roll was called and the following members answered to their names:

Hon. Lewis H. Pounds, Commissioner of Public Works, presiding; Alderman Jesse D. Moore; Alderman Frank T. Dixson, and Alderman William P. McGarry.

On motion of Alderman Moore, the minutes of meeting held May 28, 1913, were approved.

The Secretary presented resolutions for the following improvements:

No. 255. To regulate, grade, set curb, lay cement sidewalks and lay a preliminary or permanent asphalt pavement on Meserole ave., between Jewell st. and N. Henry st.

On motion of Alderman McGarry, the resolution was amended to read as follows:

"To regulate, grade, set curb, lay cement sidewalks and lay a preliminary asphalt pavement on a 5-inch concrete foundation on Meserole ave., between Jewell st. and N. Henry st."

—and as amended, was adopted by unanimous vote.

No. 218. That the vacant lots lying on the westerly corner of Wythe ave. and S. 1st st., be enclosed with a board fence six feet high, at the expense of the owner or owners of said lots, which was amended to read as follows: "That the vacant lots lying on the west side of Wythe ave., between S. 1st and S. 2d sts., and on the south side of S. 1st st., between Wythe and Kent aves., known as Nos. 19, 25, 27, 28 and part of No. 29, Block 2403, be enclosed with a board fence six feet high, at the expense of the owner or owners of said lots. Estimated cost, $140; assessed valuation, $22,200," and, as amended, was unanimously adopted on motion of Alderman Dixson. Meeting adjourned.

REUBEN L. HASKELL, Borough Secretary.

Department of Public Charities.

Synopsis of the Department for the Week Ending August 9, 1913.

Communications were received from heads of institutions reporting meats, milk, fish, etc., received of good quality and up to the standard.

List of changes in the service of the Department of Public Charities during the week ending August 9, 1913:

Appointed—August 1, Anderson, Charles, Hospital Helper, Metropolitan Training School, $180 per annum; August 1, Belosky, Frances, Hospital Helper, City Training School, $240 per annum; August 1, Buckley, Kate, Hospital Helper, Metropolitan Training School, $180 per annum; August 1, Clark, Agnes, Hospital Helper, City Training School, $240 per annum; July 16, Clayton, Mary, Hospital Helper, Randalls Island, $360 per annum; August 4, Cody, Gladys, Hospital Helper, City Training School, $240 per annum; August 1, Collins, Anna, Hospital Helper, Metropolitan Training School, $240 per annum; July 1, Connors, Eugene, Driver, Kings County Hospital, $720 per annum; August 1, Cryan, Thomas I., Chaplain, Metropolitan Hospital, $450 per annum; July 30, Cummings, Patrick, Stoker (temporary), Municipal Lodging House, $3 per day; August 4, Dalton, Mary, Hospital Helper, City Home, Blackwells Island, $240 per annum; August 1, Daly, James A., Stoker (temporary), Randalls Island, $3 per day; August 1, Davis, William P., Stationary Engineer, Cumberland Street Hospital, $4.50 per day; August 4, Denery, Anthony, Mate (restored), Steamboats, $900 per annum; August 1, Desmond, Joseph, Hospital Helper, City Home, Blackwells Island, $180 per annum; August 1, Farmer, Margaret, Trained Nurse, Coney Island Hospital, $600 per annum; July 21, Farrell, May, Hospital Helper, Randalls Island, $240 per annum; August 1, Gray, Mary R., Trained Nurse, City Home, Blackwells Island, $600 per annum; July 9, Halpin, Catherine, Hospital Helper, Randalls Island, $216 per annum; August 4, Hayes, John, Hospital Helper, Metropolitan Training School, $180 per annum; July 7, Healy, Delia, Hospital Helper, Kings County Hospital, $300 per annum; July 12, Healy, Helen C., Hospital Helper, Randalls Island, $240 per annum; July 2, Hennessy, Hanna, Hospital Helper, Randalls Island, $180 per annum; August 1, Holleran, Helen A., Trained Nurse, Metropolitan Training School, $600 per annum; August 1, Horgan, Margaret, Hospital Helper, City Home, Blackwells Island, $240 per annum; July 9, Kavanagh, Jennie, Hospital Helper, Kings County Hospital, $180 per annum; August 1, Kelly, James J., Hospital Helper, City Hospital, $180 per annum; August 1, Kelly, Kathleen, Trained Nurse, Metropolitan Hospital (temporary), $600 per annum; August 1, Kendall, Emma I., Trained Nurse, Metropolitan Hospital (temporary) $600 per annum; August 3, Kerrigan, James, Engineer (temporary), Municipal Lodging House, $4.50 per day; July 3, Kolbohm, Mary, Hospital Helper, Randalls Island, $240 per annum; August 2, Kurka, Antoni, Hospital Helper, Metropolitan Training School, $180 per annum; August 5, Lape, Oscar J., Hospital Helper, Metropolitan Training School, $180 per annum; August 1, Larty, Edward B., Stoker (temporary), Steamboats, $3 per day; July 1, Laurent, Lillian, Hospital Helper, Randalls Island, $180 per annum; August 1, Lund, Peer M., Hospital Helper, City Hospital, $240 per annum; August 5, Lysight, Michael J., Clerk (temporary), Randalls Island, $600 per annum; August 1, Macklin, Harriet, Hospital Helper, City Training School, $240 per annum; August 5, Mahon, Kate, Hospital Helper, Metropolitan Training School, $180 per annum; August 1, Martin, John W., Hospital Helper, Metropolitan Training School, $180 per annum; August 4, Maynard, Winifred V., Trained Nurse, City Home, Blackwells Island, $600 per annum; August 11, Milbauer, Maurice, Clerk, Randalls Island, $600 per annum; July 1, Murphy, Helena, Hospital Helper, Randalls Island, $240 per annum; August 3, Myers, George, Engineer (temporary for 14 days), Farm Colony, $4.50 per day; August 1, McCann, Harry, Hospital Helper, Metropolitan Training School, $180 per annum; July 3, McDermott, William, Hospital Helper, Randalls Island, $180 per annum; July 14, McMahon, Elizabeth, Hospital Helper, Randalls Island, $216 per annum; August 1, McPhail, Flora J., Trained Nurse, Metropolitan Hospital (temporary) $600 per annum; August 1, O'Grady, Patrick, Engineer, Randalls Island (temporary), $4.50 per day; August 4, O'Rourke, J., Engineer, Metropolitan Hospital (temporary), $4.50 per day; August 1, Reynolds, Harriet, Hospital Helper, Metropolitan Training School, $240 per annum; August 1, Shatz, Henry, Hospital Helper, City Home, Blackwells Island, $180 per annum; August 5, Shirk, F. F., temporary emergency, Stenographer and Typewriter, Central Office, Brooklyn, $1,200 per annum; August 1, Turn, M. Isobel, Trained Nurse, City Training School, $600 per annum; August 1, Voak, Lucretia I. Trained Nurse (temporary), Metropolitan Hospital, $600 per annum; August 1, Webster, William, Hospital Helper, Metropolitan Training School, $180 per annum.

Resigned—August 4, Alt, Ellen J., Trained Nurse, Metropolitan Hospital, $600; August 4, Alt, Margaret, Trained Nurse, Metropolitan Hospital, $600; July 4, Armstrong, Joseph, Hospital Helper, Randalls Island, $240; July 31, Bissicks, Nellie, Hospital Helper, City Training School, $240; August 1, Boyle, Helen M., Hospital Helper., Metropolitan Training School, $360; July 24, Breggen, Jennie, Hospital Helper, Randalls Island, $240; August 1, Brown, Nellie M., Trained Nurse, Metropolitan Training School, $600; July 31, Casey, Rev. J. W., Chaplain, Metropolitan Hospital, $450; June 30, Connolly, Rose, Hospital Helper, Randalls Island, $240; August 1, Corr, James F., Hospital Helper, Metropolitan Training School, $180; July 23, Deringer, Florence, Hospital Helper, Randalls Island, $240; June 30, Dobson, Nellie, Hospital Helper, Randalls Island, $180; July 23, Downing, Mary, Hospital Helper, Randalls Island, $180; July 21, Fuller, Helen M., Trained Nurse, City Training School, $600; August 3, Geary, Georgiana M., Trained Nurse, Neuresthenic Hospital, $600; July 15, Harrington, Delia, Hospital Helper, Randalls Island, $360; July 16, Healy, Delia, Hospital Helper, Kings County Hospital, $300; August 2, Hofstetter, Martin, Hospital Helper, Metropolitan Training School, $480; July 16, Kavanagh, Jennie, Hospital Helper, Kings County Hospital, $180; July 2, Kieley, William, Hospital Helper, Randalls Island, $180; August 5, Lowenstein, Victor, Examiner of Charitable Institutions, Bureau of Dependent Adults, Manhattan, $2,400; July 31, Meade, Frances J., Trained Nurse, City Home, Blackwells Island, $600; July 31, Moran, Nellie, Hospital Helper, City Home, Blackwells Island, $240; July 11, Muller, Emil, Hospital Helper, City Hospital, $180; July 2, Murphy, James, Hospital Helper, Randalls Island, $180; August 3, Myers, George, Hospital Helper, Farm Colony, $300; June 30, Myers, Helen, Hospital Helper, Randalls Island, $180; June 30, McDermott, Ella, Hospital Helper, Randalls Island, $180; July 6, McManus, John, Hospital Helper, Randalls Island, $240; August 1, O'Brien, Jas., Hospital Helper, Metropolitan Training School, $180; July 10, Osmer, John, Hospital Helper, City Hospital, $240; August 5, Potter, Jno. H., Clerk (temporary), Randalls Island, $600; July 31, Tanner, Jennie, Hospital Helper, City Training School, $240; August 1, Tremblay, Odile, Trained Nurse, Metropolitan Training School, $600.

Dropped—July 31, Blackburn, Mortimer, Hospital Helper, Cumberland Street Hospital (temporary appointment), $360; August 1, Campbell, Wm., Hospital Helper, Metropolitan Training School, $180; July 22, Carolin, Wm. T., Hospital Helper, Randalls Island (for 4 days), $480; July 23, Crawford, Patrick, Hospital Helper, City Hospital, $180; August 6, Cummings, Patrick, Stoker, Municipal Lodging House, $3 per day; July 31, Cunningham, Edward, Stationary Engineer, Cumberland Street Hospital, $4.50 per day; August 1, Dregan, Annie, Hospital Helper, Metropolitan Training School, $180; August 5, Fitzpatrick, Bernard, Hospital Helper, Metropolitan Training School, $180; July 17, Handibald, Peter, Engineer, Randalls Island, $4.50 per day; July 29, Lonergan, Catherine, Hospital Helper, City Training School, $240; July 29, Lyons, May, Hospital Helper, City Training School, $240; July 21, Macklin, Catherine, Trained Nurse, Metropolitan Hospital, $600; August 3, Martin, John W., Hospital Helper, Metropolitan Training School, $180; July 13, Mulcahy, Mary, Hospital Helper, City Training School, $240; July 19, McKeon, Joseph, Stoker, Randalls Island, $3 per day; July 22, Prescott, George E., Hospital Helper, City Hospital, $180; July 21, Rafferty, Robert, Stoker, City Hospital, $3 per day; August 4, Rogers, Adelaide, Hospital Helper, Metropolitan Training School, $180; July 15, Rush, Jno., Hospital Helper, City Hospital $240; August 4, Ryan, Joseph, Hospital Helper, Metropolitan Training School, $180; August 4, Schneider, Annie, Hospital Helper, Metropolitan Training School, $180; July 2, White, Frank, Hospital Helper, Randalls Island, $360.

Promoted—August 11, Buchan, Ellen A., Stenographer and Typewriter, City Training School, from $600 to $780; August 6, Carey, Henry, Examiner of Charitable Institutions, Bureau of Dependent Adults, Manhattan, from $1,200 to $2,400; July 3, Carroll, Michael, Hospital Helper, Randalls Island, from $120 to $180; August 4, Coffey, Thomas P., Pilot, steamboats, from $900 to $1,400 (temporary); August 1, Donovan, Philip, Hospital Helper, Coney Island Hospital, from $180 to $300; August 1, Kean, Maude J., Supervising Nurse, Kings County Hospital, from $780 to $1,050; July 1, McCabe, Bernard, Hospital Helper, Blackwells Island Stables, $120 to $180; August 4, O'Connor, Thomas, Stoker, City Home, Blackwells Island, $4.50 per day (temporary, pending appointment from Civil Service list).

Decreased—August 11, Partridge, E. M., Stenographer and Typewriter, General Drug Department, from $780 to $600 (temporary and transferred from City Training School).

Title Changed—August 4, Coffey, Thomas P., Mate, steamboats, $1,400, to Pilot (temporary); August 4, O'Connor, Thomas, Stoker, City Home, Blackwells Island, $4.50 per day, to Engineer (temporary).

Transferred—August 11, Buchan, Ellen A., Stenographer and Typewriter, General Drug Department, to City Training School, $780; August 1, Kean, Maude J., Supervising Nurse, Kings County Hospital, to Sea View Hospital, $1,050.

Corrected—July 1, O'Dowd, Ellen, Hospital Helper, Kings County Hospital, $240, resigned, should be July 14.

Proposition Accepted—Schneider Sheet Metal Works, 161 E. 84th st., City, putting up leaders and painting same on staff house, City Hospital, Blackwells Island, $55.

J. McKEE BORDEN, Secretary.

Police Department.

Report for the week ending August 9, 1913:

August 4.

Upon reading and filing proceedings of the Board of Estimate and Apportionment adopted July 31, 1913, it was directed that the quota of Patrolmen be increased by 454, making a total of 9,387.

August 5.

Advancements to Grade.

To $1,150 Grade, July 27, 1913—William E. O'Connor, 1st Precinct; George Sullivan, 2d Precinct; Joseph Brown, 5th Precinct; Joseph A. Williamson, 5th Precinct; Louis F. Tagliani, 6th Precinct; William H. Douglas, 13th Precinct; William C. Doyle, 13th Precinct; Frederick Wendel, 13th Precinct; Patrick Tubridy, 17th Precinct; Edward Lehane, 18th Precinct; John Curristine, 18th Precinct; Joseph W. Ward, 21st Precinct; Michael P. McGarry, 21st Precinct; Patrick J. McGerald, 22d Precinct; John J. Lynch, 28th Precinct; Thomas F. Cleary, 28th Precinct; Thos. L. Hoctor, 29th Precinct; John Connelly, 31st Precinct; John Green 32d Precinct; Christian P. Klei, 35th Precinct; George Martin, 35th Precinct; James E. Smith, 35th Precinct; Thomas F. J. Cavanagh, 37th Precinct; Frank May, 39th Precinct; Patrick D. Keneally, 39th Precinct; Bernard J. Kane, 39th Precinct; John C. Caspers, 39th Precinct; Christopher W. Morgan, 42d Precinct; John Hartman, 43d Precinct; Charles Bonaventuro, 43d Precinct; Elmer S. Wilson, 63d Precinct; John F. Wixted, 145th Precinct; Peter J. Hughes, 145th Precinct; Emil C. Stiehr, 146th Precinct; John R. Shaw, 146th Precinct; Samuel G. Paterson, 160th Precinct; Arthur C. Johnson, Central Office; William T. Burke, 8th District; John M. Kelly, Traffic C Precinct.

To $1,150 Grade—John J. McIntyre, 28th Precinct, July 26, 1913; James J. Coy, 40th Precinct, July 26, 1913; Walter T. Mencke, 43d Precinct, July 26, 1913; Richard A. Fennelly, Detective Division, July 26, 1913; Frederick W. Scholl, 26th Precinct, July 28, 1913.

The following resignation was accepted: Patrolman Charles H. Abel, 16th Precinct, to take effect 12 p. m., August 4, 1913.

The following member of the force having been tried on charges before a Deputy Commissioner, and found guilty, was dismissed from the police force of the Police Department of The City of New York, to take effect 1 p. m., August 2, 1913: Patrolman John H. Eagan, 29th Precinct, Charge, neglect of duty and violation of rules; intoxication.

The following death was reported: Probationary Patrolman Patrick Cotter, 65th Precinct, at 7.30 p. m., August 4, 1913.

August 6.

Runner's license No. 83, issued to Louis Cartiesser, 218 E. 20th st., Manhattan, is hereby revoked as of August 5, 1913. Approved: Application of George Paige, 127 Cumberland st., Brooklyn, Patrolman, dismissed July 25, 1913, for full pay while under suspension. Full pay granted from 11.55 p. m., July 1, 1913, to 1.55 p. m. July 7, 1913.

Advancements to Grade.

To $1,000 Grade, July 27, 1913—John J. L. DeWitt, 14th Precinct; James E. Commerford, 14th Precinct; Peter P. Owens, 16th Precinct; Henry Schnier, 16th Precinct; Eberhard Schaefer, 17th Precinct; Joseph Schaffer, 17th Precinct; Ludwig J. Weppler, 17th Precinct; Joseph H. Boyle, 18th Precinct; Louis Odell, 18th Precinct; Edward J. McGuire, 18th Precinct; Fred Russell, 18th Precinct; Christopher Grote, 21st Precinct; James A. Knapp, 21st Precinct; William A. Ludwig, 21st Precinct; John C. Logan, 21st Precinct; Henry E. Freeman, 22d Precinct; John E. Driscoll, 22d Precinct; Michael Sherry, 22d Precinct; Harry P. Ludwig, 22d Precinct; James J. Hamilton, 22d Precinct; Joseph A. Foran, 23d Precinct; Henry H. Jacobson, 23d Precinct; Frederick W. Kaiser, 23d Precinct; Joseph Patterson, 28th Precinct; James H. Noziglia, 28th Precinct; Joseph A. Murtha, 35th Precinct; Joseph A. McLaughlin, 40th Precinct; Emery Jones, 40th Precinct; Charles F. Walsh, 146th Precinct; William M. Conway, 167th Precinct; Herbert C. Slott, 172d Precinct; Arthur Scholz, 274th Precinct; Jacob M. Simmons, 282d Precinct.

Members of the force having been tried on charges before a Deputy Commissioner, fines were imposed as follows: Patrolmen Samuel C. DeLamater, 40th Precinct, July 10 (1) struck citizen; (2) struck citizen, 30 days; not guilty as to third and fourth specifications; (3) uncivil; (4) false arrest. William H. Forker, 144th Precinct, June 12, intoxicated at his residence while on sick report, 10 days. Frank H. Pennell, 149th Precinct, June 6, absent from post, 5 days.

The following members of the force having been tried on charges before a Deputy Commissioner, were reprimanded: Patrolmen John J. Donnelly, 146th Precinct, July 12, conversation. William H. Farley, 146th Precinct, July 12, conversation. William P. Hayes, 146th Precinct, July 12, conversation.

The following members of the force having been tried on charges before a Deputy Commissioner, the charges were dismissed: Lieutenant James B. Sennett, 8th Precinct, July 3, (1) permitted Patrolman to strike prisoner; (2) failed to make entry in blotter; (3) failed to report. Patrolmen James J. Argenza, 5th Precinct, July 5, struck citizen. Harry E. Wolken, 17th Precinct, July 15, (1) struck citizen; (2) uncivil. Herbert J. Kavanagh, 21st Precinct, July 10, (1) unlawful arrest; (2) unlawful action. Charles B. McKenna, 28th Precinct, July 11, absent from post. Benjamin H. Scheider, 31st Precinct, July 21, (1) in liquor saloon in uniform; (2) obscene language; (3) threatening language. William F. Sammon, 32d Precinct, June 25, improper police action. Edward Keaveny, 35th Precinct, July 17 (1) annoyed woman; (2) struck citizen; (3) threatening language; (4) uncivil. Paul J. Somers, 35th Precinct, July 8, improper language. Samuel S. Fuchs, 37th Precinct, June 14, sitting while on fixed post. John J. Tynan, 65th Precinct, July 11, struck woman. Joseph A. Neary, Central Office Squad, July 7, (1) unnecessary force; (2) false arrest. James Gleeson, 147th Precinct, July 12, conversation. James Lynch, 147th Precinct, July 12, conversation. Albin Johnson, 174th Precinct, July 8, lost summons book.

August 7.

Runners' Licenses Granted—Walter B. Zampieri, 615 9th ave., Manhattan, from August 7, 1913, to August 6, 1914; fee, $20; bond, $300. Otto C. Leuhs, 263 5th ave., Manhattan, from August 2, 1913, to August 1, 1914; fee, $12.50; bond, $300.

August 8.

Advancements to Grade.

To $1,400 Grade, August 1, 1913—Patrolmen Edward J. Costello, 1st Precinct; John F. Anderson, 1st Precinct; Albert J. Kruers, 8th Precinct; William A. McClaury, 12th Precinct; Dominick Pisapia, 13th Precinct; Patrick J. Meade, 14th Precinct; Thomas Quirk, 17th Precinct; Robert S. Purcell, 22d Precinct; Andrew F. Keil, 22d Precinct; John M. Dondero, 26th Precinct; Edward Crimmins, 28th Precinct; Harry A. Ray, 29th Precinct; Bernard B. Goldstein, 31st Precinct; Adolph W. Beermann, 32d Precinct; John J. Dowd, 35th Precinct; Timothy J. Sullivan, 37th Precinct; William Cerny, 37th Precinct; Thomas Coogan, 40th Precinct; Andrew J. Tully, 61st Precinct; Charles J. Reis, 81st Precinct; Harry Boyd, 143d Precinct; William Geis, 148th Precinct; Frederick Niebuhr, 149th Precinct; Thomas Boyle, 151st Precinct; John H. Cogan, 151st Precinct; John R. Steinle, 153d Precinct; Charles Bollenbach, 155th Precinct; Edward Geraghty, 156th Precinct; Samuel Rabau, 157th Precinct; Alexander B. Campbell, 165th Precinct; Glenn Lankin, 169th Precinct; Albin Johnson, 174th Precinct; Patrick J. Fitzpatrick, 274th Precinct; Joseph McElligott, Central Office; Albert Ehrlich, Central Office; Jerome Murphy, Central Office; August C. Reinert, Traffic C; Lawrence J. Blanco, 1st Precinct; William O'Brien, 7th Precinct; George H. A. Barchfield, 12th Precinct; Thomas Kenny, 13th Precinct; Denis McGrath, 14th Precinct; Herman Storjohann, 17th Precinct; Daniel M. Fisher, 18th Precinct; Edward Moraghan, 22d Precinct; Charles S. Brown, 26th Precinct; Cornelius J. Goodyear, 28th Precinct; Daniel J. McBride, 29th Precinct; Frank G. Whelpley, 31st Precinct; Charles P. R. Dorschel, 31st Precinct; Albert V. Pitt, 32d Precinct; Cornelius L. Manning, 36th Precinct; Eugene J. Fitzsimons, 37th Precinct; George T. Rowley, 39th Precinct; Francis Reilly, 43d Precinct; William H. Flynn, 63d Precinct; Michael J. Kennedy, 89th Precinct; Felix F. Bogue, 146th Precinct; William Smalling, 149th Precinct; Paul J. Pfeffer, 150th Precinct; William J. Bradley, 151st Precinct; Michael J. Dinselbacher, 152d Precinct; Martin F. Phelan, 154th Precinct; Bernhardt Koenig, 155th Precinct; Frank Back, 157th Precinct; John H. Schoendorf, 157th Precinct; William A. P. Harck, 166th Precinct; Leonard S. Stevenson, 170th Precinct; Thomas P. Sullivan, 174th Precinct; Frederick Krenkel, 277th Precinct; Michael F. Judge, Central Office; George A. Blewett, Central Office; Stephen W. Birmingham, D. D.

The following resignations were accepted: Probationary Patrolmen Charles R. Duffy, 1st Precinct, to take effect 12 p. m. August 8, 1913; Phillip Leiner, Jr., 15th Precinct, to take effect 12 p. m. August 8, 1913.

Masquerade Ball Permit Granted—Alphonse Stercho, Whitney Hotel, Brooklyn, September 7, $5.

August 9.

The death was reported of Patrolman William J. Smith, 63d Precinct, at 6 a. m. August 9, 1913.

The following named persons having been employed on probation as Patrolmen on February 10, 1913, and their conduct and capacity during such probationary period having been satisfactory, their appointment as Patrolmen became permanent under the rules of the Municipal Civil Service Commission: John R. Ashworth, Charles Braun, Philip J. A. Brennan, Julius P. Brilla, Jr., Patrick Burke, Duncan Cameron, Thomas Bergin, Joseph F. Carberry, Patrick J. Daly, John H. Dent, Joseph F. Dunn, John S. Dunne, Edward J. Donnelly, David L. Downing, Joseph F. Fennelly, Joseph J. Flynn, Cornelius Foley, Andrew F. Geyer, Frederick Guse, Isaac Lazarus, Thomas J. Lenihan, Joseph Meads, James Mohan, Michael McKenna, John T. McLaughlin, Michael J. Oates, Timothy O'Connor, John Ormsby, Thomas Quinn, Harry D. Robinson, Timothy J. Ryan, Harry W. Salomon, Maurice Shanahan, Jeremiah F. Sullivan, John J. Sullivan, Michael F. Sullivan, Joseph J. White, Edward Zeski,

Approved—Communication from Beverly S. King, 103 Park ave., Manhattan, in the matter of the cost of additional lockers for the 150th Precinct Station House. Thirty additional lockers, $275.

Advancements to Grade.

Patrolmen—To $900 Grade, August 7, 1913: Henry J. Reichert, 1st Precinct; John O. Becker, 10th Precinct; Frederick H. J. Hahn, 16th Precinct; Charles Miller, 22d Precinct; Daniel T. Merkle, 23d Precinct; William J. Frohnhoefer, 25th Precinct; Douglas W. Hay, 26th Precinct; William G. Decker, 26th Precinct; Pasquale Sabatino, 26th Precinct; George B. Wolsey, 26th Precinct; Frank Deery, 28th Precinct; William Dowling, 28th Precinct; John J. Kircher, 28th Precinct; Thomas J. Horgan, 28th Precinct; George R. McGill, 29th Precinct; Howard P. McDonough, 29th Precinct; Philip O'Connell, 31st Precinct; Emil Kronenbitter, 31st Precinct; Lawrence Sobel, 35th Precinct; James E. C. Roderigues, 36th Precinct; Maurice J. Ryan, 36th Precinct; William A. Jacobs, 36th Precinct; Frank J. Rauchert, 37th Precinct; Jacob Parmet, 40th Precinct; Louis B. Pastorini, 29th Precince.

To $900 Grade—James Sullivan, 26th Precinct, August 9, 1913; Edward Duprey, 40th Precinct, August 12, 1913.

Members of the force having been tried on charges before a Deputy Commissioner, fines were imposed as follows: Patrolmen Elmo C. Hoagland, 143d Precinct, July 2, absent from roll call, 1 day. Valentine R. Raynor, 143d Precinct, June 27, improper patrolling, 15 days. Thomas H. Liddy, 144th Precinct, July 5, absent from post, 10 days. Peter J. Hughes, 145th Precinct, June 28, absent from post, 5 days. Bernard A. Johnston, 145th Precinct, July 5, threatening langauge, 10 days. Emil F. Wetteroth, 146th Precinct, June 13, absent from post, 5 days. John W. Brierton, 147th Precinct, June 17, off fixed post, on sidewalk, 5 days. James Quinn, 150th Precinct, July 2, improper patrolling, 10 days. George Beasley, 151st Precinct (2 charges), June 28, absent without leave, 5 days; July 3, absent from roll call, 2 days. James J. Killen, 171st Precinct, May 17, absent from reserve, 5 days.

The following member of the force having been tried on a charge before a Deputy Commissioner, was reprimanded: Patrolman Henry Schmitt, 174th Precinct, July 17, (1) lost summons book; (2) failed to report.

The following members of the force having been tried on charges before a Deputy Commissioner, the charges were dismissed: Lieutenant John Healy, 143d Precinct, June 18, improper police action. Acting Detective Sergeant, 2d grade, George Kauffmann, 163d Precinct, Detective Division, June 30, slapped citizen. Patrolmen John S. Stanford, 15th Precinct, June 26, struck citizen. Edward A. Neitzel, 31st Precinct, June 2, (1) struck citizen; (2) off fixed post, sitting, on sidewalk. Michael J. Frawley, 147th Precinct, July 7, false arrest. William A. Cook, 152d Precinct, June 26, struck citizen. James J. Killen, 171st Precinct, May 18, struck citizen. Cornelius J. Sullivan, 275th Precinct, July 2, unnecessary force.

D. I. McKAY, Acting Police Commissioner.

Department of Docks and Ferries.

Abstract of transactions of the Department of Docks and Ferries for the week ending July 19, 1913.

Permits Granted—John J. Bridgetts, two tents, foot of Bay 50th st., Gravesend Bay, 50 cents per month; August Smith, Lot 128 of Block 16, Jamaica Bay, $55.80 per annum; Joseph Tino & Co., two spaces between 135th and 136th sts., North River, for storage, $75 per month; Henry Steers, Inc., berth at pier foot of Jamaica ave., East River, $5 per day; Christopher Ready, tent, foot of Bay 50th st., Gravesend Bay, 50 cents per month; E. Bender, bungalow, foot of Bay 50th st., Gravesend Bay, $1 per month; Charles Rumpf, boathouse, etc., foot of Houghton ave., Westchester Creek, Bronx, $5 per month; Samuel Pfifferling, three tents, foot of Bay 50th st., Gravesend Bay, 50 cents per month; Anning J. Smith, Dreamland Pier at Coney Island, Brooklyn, $1 per annum; Charles W. Dyer, Lots 10 and 11 of Block 105 at Broad Channel, Jamaica Bay, $35.70 per annum.

Permits Revoked—Joseph Tino & Co., storage space between 132d and 133d sts., North River; John D. Antonopulos, cab stand privilege at St. George, Staten Island, H. H. Bubar, space south of Westchester ave., Bronx River; August W. Diesel and Charles Gehrlein, Lot 11 of Block 105, Broad Channel, Jamaica Bay.

The sum of $156,822.25 received and deposited.

Payrolls for the week ended July 17, 1913, amounted to $35,754.96. Open market orders were issued aggregating the sum of $3,453.69.

Week ended July 26, 1913.

Permits Granted—New York Railways Co., awning shed, north of north line of Vestry st., North River, 10 cents per square foot per annum; Johan K. Neilsen, space for house, foot of Flatbush ave., Jamaica Bay, Brooklyn, $12 per annum; Chris Schaefer, Lot 6 of Block 16, at Broad Channel, Jamaica Bay, $36 per annum; Samuel Pfifferling, two tents, foot of Bay 50th st., Gravesend Bay, 50 cents per month; Henry Breuning, bungalow, foot of Bay 50th st., Gravesend Bay, $1 per month; William Gaworski, boathouse on Mill Creek, between E. 59th and 60th sts., Brooklyn, $12.60 per annum; Interborough Ice Co., bulkhead on east side of Fleeman st., Wallabout Basin, $2,000 per annum; William J. Chin, space at Ramblersville, Jamaica Bay, $18 per annum; Charles E. Garner, space at Ramblersville, Jamaica Bay, $19.50 per annum; Otto H. Walther, space on westerly side of Bronx River, south of Westchester ave., $10 per month.

Permits Revoked—D. Canavan, space at Sherman's Creek, Harlem River; Azel F. Merell, Lots 11 and 12 of Block 5 at Goose Creek; Henry Breuning, tent, Bay 50th st., Gravesend Bay; Charles T. Bauer, space at Pier 32, East River.

The sum of $62,188.62 received and deposited. Payrolls for week ended July 24, 1913, amounted to $35,946.30. Open market orders were issued aggregating the sum of $1,010.20.

Week ended August 2, 1913.

Permits Granted—F. M. Dunbaugh, berth for steamer at pier foot of E. 4th st., $5 per day; Charles T. Bauer, land steamer at Battery wharf $2 per day; Manhattan Sand Co., storage space between W. 50th and 51st sts., North River, $37.50 per month; James F. Rice, lunch wagon, between 31st and 33d sts., South Brooklyn, $2 per month; Miss J. Kinder, Lot 17 of Block 15 at Broad Channel, $30 per annum; Otto H. Walther, space on the westerly side of the Bronx River, south of Westchester ave., $5 per month; Long Island Manure Export Co., loading manure on scows on north side of the foot of 4th st., East River, $750 per annum; J. H. Erickson, 4,930 square feet of space foot of 92d st., Canarsie, Brooklyn, $60 per annum.

Permits Revoked—Alexander Pelli & Co., suction pipe, north side of pier foot of E. 116th st.; Nicholas Maher, watchman's shanty at Sherman's Creek; Joseph Patalano, stand, foot of W. 80th st.; Baltimore & Ohio Railroad Co. and New England Steamship Co., land under water on east and west sides of Pier (old) 27, East River; Miss G. McGrayne, Lot 1 of Block 3 at Broad Channel, Jamaica Bay; George Kraemer, Lot 6 of Block 111 at Broad Channel, Jamaica Bay; North River Horse Manure Co., berth at W. 134th st.; Topeka Co., Inc., space foot of Ferry st., Port Richmond, Staten Island; Crescent Sand & Gravel Co., storage space in rear of bulkhead between E. 60th and 61st sts., East River.

The sum of $48,015.74 received and deposited. Payrolls for the month of July, 1913, amounted to $95,810.37 and for the week ended July 31, 1913, to $35,761.58. Open market orders were issued aggregating the sum of $1,416.11.

R. A. C. SMITH, Commissioner of Docks.

OFFICIAL DIRECTORY

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business and at which the Courts regularly open and adjourn, as well as the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts.

CITY OFFICES.

MAYOR'S OFFICE.

No. 5 City Hall, 9 a. m. to 5 p. m.; Saturday 9 a. m. to 12 m.
Telephone, 8020 Cortlandt.
William J. Gaynor, Mayor.
Robert Adamson, Secretary.
James Matthews, Executive Secretary.
John J. Glennon, Chief Clerk and Bond and Warrant Clerk.

BUREAU OF WEIGHTS AND MEASURES.

Room 1, City Hall, 9 a. m. to 5 p. m.; Saturday 9 a. m. to 12 m.
John L. Walsh, Commissioner.
Telephone, 4334 Cortlandt.

BUREAU OF LICENSES.

9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 2030 Worth.
James G. Wallace, Jr., Chief of Bureau.
Principal Office, 57-59 Centre street.

ARMORY BOARD.

Mayor, William J. Gaynor; the Comptroller William A. Prendergast; the Acting President o the Board of Aldermen, Ardolph L. Kline; Chie of Coast Artillery, Elmore F. Austin; Brigadier General John G. Eddy, Commodore R. P. Forshiew the President of the Department of Taxes and Assessments, Lawson Purdy.

Clark D. Rhinehart, Secretary, Room 6, Basement, Hall of Records, Chambers and Centre streets.

Office hours, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 3900 Worth.

ART COMMISSION.

City Hall, Room 21. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone call, 1197 Cortlandt.

Robert W. de Forest, Vice-President Metropolitan Museum of Art, President; Frank L. Babbott Vice-President; Charles H. Russell, Trustee o New York Public Library, Secretary; A. Augustu Healy, President of the Brooklyn Institute of Arts and Sciences; William J. Gaynor, Mayor of the City of New York; I. N. Phelps Stokes, Architect John Bogart; Karl Bitter, Sculptor: George W Breck, Painter; and John A. Mitchell.

John Quincy Adams, Assistant Secretary.

BOARD OF ALDERMEN.

No. 11 City Hall, 10 a. m. to 4 p. m. Saturdays 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
Ardolph L. Kline, Acting President.

ALDERMEN.

Borough of Manhattan—1st Dist., Bernard D Donnelly; 2d Dist., Michael Stapleton; 3d Dist. John J. White; 4th Dist., James J. Smith; 5th Dist. Joseph M. Hannon; 6th Dist., Frank J. Dotzler 7th Dist., Frank L. Dowling; 8th Dist., Max S Levine; 9th Dist., John F. McCourt; 10th Dist Hugh J. Cummuskey; 11th Dist., Louis Wendel, Jr. 12th Dist., William P. Kennealy; 13th Dist., John McCann; 14th Dist., John Loos; 15th Dist., Nile R. Becker; 16th Dist., John T. Eagan; 17th Dist. Daniel M. Bedell; 18th Dist., James J. Nugent 19th Dist., William D. Brush; 20th Dist., John J Reardon; 21st Dist., Oscar Igstaedter; 22d Dist Edward V. Gilmore; 23d Dist., John H. Boschen 24th Dist., John A. Bolles; 25th Dist., Charle Delaney; 26th Dist., Henry H. Curran; 27th Dist. Nathan Lieberman; 28th Dist., Courtlandt Nicoll 29th Dist., John F. Walsh; 30th Dist., Ralph Folks 31st Dist., Hyman Pouker; 32d Dist., Thomas A McGrath; 33d Dist., Samuel Marks.

Borough of The Bronx—34th Dist., James L. Devine; 35th Dist., Thomas J. Mulligan; 36th Dist., Thomas H. O'Neil; 37th Dist., Philip J. Schmidt; 38th Dist., Abram W. Herbst; 39th Dist James Hamilton; 40th Dist., Jacob Weil; 41 Dist., Frederick H. Wilmot.

Borough of Brooklyn—42d Dist., Robert F. Downing; 43d Dist., Michael Carberry; 44th Dist. Frank Cunningham; 45th Dist., John S. Gaynor 46th Dist., James R. Weston; 47th Dist., John Diemer; 48th Dist., James J. Molen; 49th Dist. Francis P. Kenney; 50th Dist., Charles W. Dunn 51st Dist., Ardolph L. Kline; 52d Dist., Daniel R Coleman; 53d Dist., Frederick H. Stevenson 54th Dist., Jesse D. Moore; 55th Dist., Frank T. Dixson; 56th Dist., William P. McGarry; 57th Dist., Robert H. Bosse; 58th Dist., O. Grant Esterbrook; 59th Dist., George A. Morrison; 60th Dist., Otto Muhlbauer; 61st Dist., William H. Pendry; 62d Dist., Jacob J. Velten; 63d Dist., Edward Eichhorn; 64th Dist., Henry F. Grimm; 65th Dist., James F. Martyn.

Borough of Queens—66th Dist., George M. O'Connor; 67th Dist., Otto C. Gelbke; 68th Dist., Alexander Dujat; 69th Dist., Charles Augustus Post; 70th Dist., W. Augustus Shipley.

Borough of Richmond—71st Dist., William Fink 72d Dist., John J. O'Rourke; 73d Dist., Charles P. Cole.

P. J. Scully, City Clerk.

BELLEVUE AND ALLIED HOSPITALS.

Office, Bellevue Hospital, Twenty-sixth street and First avenue.
Telephone, 4400 Madison Square.
Board of Trustees—Dr. John W. Brannan, President; James K. Paulding, Secretary; John G. O'Keeffe, Arden M. Robbins, James A. Farley, Samuel Sachs, Leopold Stern; Michael J. Drummond, ex-officio.
General Medical Superintendent, Dr. George O'Hanlon.

BOARD OF AMBULANCE SERVICE.

Headquarters, 300 Mulberry street.
Office hours, 9 a. m. to 5 p. m. Saturdays, 12 m.
President, Commissioner of Police, R. Waldo; Secretary, Commissioner of Public Charities, M. J. Drummond; Dr. John W. Brannan, President of the Board of Trustees of Bellevue and Allied Hospitals; Dr. Royal S. Copeland, Wm. I. Spreg-elberg; D. C. Potter, Director.
Ambulance Calls—Telephone, 3100 Spring.
Administration Offices—Telephone, 7586 Spring.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 a. m. to 5 p. m. Saturdays, 12 m.
Joseph P. Hennessy, President.
William C. Ormond.
Antonio C. Astarita.
Thomas J. Drennan, Secretary.
Telephones, 29, 30 and 31 Worth.

BOARD OF CITY RECORD.

The Mayor, the Corporation Counsel and the Comptroller.

Office of the Supervisor.

Park Row Building, No. 21 Park Row.
David Ferguson, Supervisor.
Henry McMillen, Deputy Supervisor.
C. McKemie, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m.
Distributing Division, Nos. 96 and 98 Reade street, near West Broadway.
Telephones, 1505 and 1506 Cortlandt.

BOARD OF ELECTIONS.

General Office, No. 107 West Forty-first street.
Commissioners: J. Gabriel Britt, President; Moses M. McKee, Secretary; James Kane and Jacob A. Livingston. Michael T. Daly, Chief Clerk.
Telephone, 2946 Bryant.

BOROUGH OFFICES.

Manhattan.

No. 112 West Forty-second street.
William C. Baxter, Chief Clerk.
Telephone, 2946 Bryant.

The Bronx.

No. 368 East One Hundred and Forty-eighth street.
John L. Burgoyne, Chief Clerk.
Telephone, 336 Melrose.

Brooklyn.

Nos. 435-445 Fulton St.
George Russell, Chief Clerk.
Telephone, 693 Main.

Queens.

Henry W. Sharkey, Chief Clerk, No. 64 Jackson avenue, Long Island City.
Telephone, 3375 Hunters Point.

Richmond.

Borough Hall, New Brighton, S. I.
Alexander M. Ross, Chief Clerk.
Telephone, 1000 Tompkinsville.
All offices open from 9 a. m. to 4 p. m. Saturdays, from 9 a. m. to 12 m.

BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; the Comptroller the Acting President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens President of the Borough of Richmond.

OFFICE OF THE SECRETARY.

Joseph Haag, Secretary; William M. Lawrence, Assistant Secretary; Charles V. Adee, Clerk to Board.
No. 277 Broadway, Room 1406. Telephone, 2280 Worth.

OFFICE OF THE CHIEF ENGINEER.

Nelson P. Lewis, Chief Engineer. Arthur S. Tuttle, Assistant Chief Engineer, No. 277 Broadway. Room 1408. Telephone, 2281 Worth.

BUREAU OF FRANCHISES.

Harry P. Nichols, Engineer, Chief of Bureau, 277 Broadway, Room 801. Telephone, 2282 Worth

STANDARD TESTING LABORATORY.

Otto H. Klein, Director, 127 Franklin street.
Telephones, 3088 and 3089 Franklin.
Office hours, 9 a. m. to 5 p. m. Saturdays, 9 a. m. to 12 m.

EFFICIENCY AND BUDGET ADVISORY STAFF.

Room 828, 51 Chambers Street. Telephone, 1684 Worth. Benjamin F. Welton, Efficiency Engineer in Charge.

BOARD OF EXAMINERS.

Rooms 6027 and 6028, Metropolitan Building, No. 1 Madison avenue, Borough of Manhattan, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 5840 Gramercy.
George A. Just Chairman. Members: William Crawford, Lewis Harding, Robert Maynicke, John Kenlon, Charles Buek and Cecil F. Shallcross.
Edward V. Barton, Clerk.
Board meeting every Tuesday at 2 p. m.

BOARD OF INEBRIETY.

Office, 300 Mulberry street, Manhattan.
Telephone, 7116 Spring.
Thomas J. Colton, President; Rev. William Morrison, John Dorning, M.D.; Rev. John J. Hughes; William Browning, M.D.; Michael J. Drummond, Commissioner of Public Charities; Patrick A. Whitney, Commissioner of Correction.
Executive Secretary, Charles Samson.
Office hours, 9 a. m. to 4 p. m. Saturdays, 9 a. m. to 12 m.
Board meets first Wednesday in each month, at 4 o'clock.

BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.

Office, No. 148 East Twentieth street.
Patrick A. Whitney, Commissioner of Correction, President.
John B. Mayo, Judge, Special Sessions, Manhattan.
Robert J. Wilkin, Judge, Special Sessions, Brooklyn.
Frederick B. House, City Magistrate, First Division.
Edward J. Dooley, City Magistrate, Second Division.
Samuel B. Hamburger, John C. Heintz, Rosario Maggio Richard E. Troy.
Thomas R. Minnick, Secretary.
Telephone, 1047 Gramercy.

BOARD OF REVISION OF ASSESSMENTS.

William A. Prendergast, Comptroller.
Archibald R. Watson, Corporation Counsel.
Lawson Purdy, President of the Department of Taxes and Assessments.
John Korb, Jr., Chief Clerk, Finance Department, No. 280 Broadway.
Telephone, 1200 Worth.

BOARD OF WATER SUPPLY.

Office, No. 165 Broadway.
Charles Strauss, President; Charles N. Chadwick and John F. Galvin, Commissioners.
Joseph P. Morrissey, Secretary.
J. Waldo Smith, Chief Engineer.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4310 Cortlandt.

BUREAU OF THE CHAMBERLAIN.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67.
Robert R. Moore, Chamberlain.
Henry J. Walsh, Deputy Chamberlain.
Office hours, 9 a. m. to 5 p. m.
Telephone, 4270 Worth.

CHANGE OF GRADE DAMAGE COMMISSION

Office of the Commission, Room 223, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City.
William D. Dickey, Cambridge Livingston, David Robinson, Commissioners. Lamont McLoughlin, Clerk.
Regular advertised meetings on Monday, Tuesday and Thursday of each week at 2 o'clock p. m.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3254 Worth.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11, 12; 10 a. m. to 4 p. m. Saturdays, 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
P. J. Scully, City Clerk and Clerk of the Board of Aldermen.
Joseph F. Prendergast, First Deputy.
James J. Hines, Chief Clerk of the Board of Aldermen.
Joseph V. Sculley, Clerk, Borough of Brooklyn.
Matthew McCabe, Deputy City Clerk, Borough of The Bronx.
George D. Frenz, Deputy City Clerk, Borough of Queens.
William K. Walsh, Deputy City Clerk, Borough of Richmond

COMMISSIONERS OF ACCOUNTS.

Jeremiah T. Mahoney, Harry M. Rice, Commissioners.
Rooms 114 and 115, Stewart Building, No. 280 Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4315 Worth.

COMMISSIONER OF LICENSES.

Office, No. 277 Broadway.
Herman Robinson, Commissioner.
Samuel Prince, Deputy Commissioner
John J. Caldwell, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, a. m. to 12 m.
Telephone, 2828 Worth.

COMMISSIONERS OF SINKING FUND.

William J. Gaynor, Mayor, Chairman; William A. Prendergast, Comptroller; Robert R. Moore, Chamberlain; Ardolph L. Kline, Acting President of the Board of Aldermen, and Henry H. Curran, Chairman Finance Committee, Board of Aldermen, members; John Korb, Jr., Secretary.
Office of Secretary, Room 9, Stewart Building No. 280 Broadway, Borough of Manhattan.
Telephone, 1200 Worth.

DEPARTMENT OF BRIDGES.

Municipal Building, 18th floor.
Arthur J. O'Keeffe, Commissioner.
William H. Sinnott, Deputy Commissioner.
Edgar E. Schiff, Secretary.
Office hours, 9 a. m. to 5 p. m.
Saturdays, 9 a. m. to 12 m.
Telephone, 380 Worth.

DEPARTMENT OF CORRECTION.

CENTRAL OFFICE.

No. 148 East Twentieth street. Office hours, from 9 a. m. to 5 p. m. Saturdays, 9 a. m. to 12 m.
Telephone, 1047 Gramercy.
Patrick A. Whitney, Commissioner.
William J. Wright, Deputy Commissioner.
John B. Fitzgerald, Secretary.

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A" N. R., Battery place.
Telephone, 300 Rector
Robert A. C. Smith, Commissioner.
Charles J. Farley, First Deputy Commissioner.
Richard C. Harrison, Second Deputy Commissioner.
Matthew J. Harrington, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.

Park avenue and Fifty-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m. (In August 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.
Telephone, 5580 Plaza.
Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in July, and the second and fourth Wednesdays in every month, except July and August.
Reba C. Bamberger (Mrs.), Joseph Barondess, Nicholas J. Barrett, Henry J. Bigham, Thomas W. Churchill, Joseph E. Cosgrove, Francis P. Cunnion, Thomas M. De Laney, Martha Lincoln Draper (Miss), Ernest F. Eilert, Rev. James M. Farrar, D.D., Alexander Ferris, George J. Gillespie, John Greene, Robert L. Harrison, Louis Haupt, M.D., Ella W. Kramer (Mrs.), Peter J. Lavelle, Olivia Leventritt (Miss), Isadore M. Levy, Alrick H. Man, John Martin, Robert E. McCafferty, Dennis J. McDonald, M.D.; Augustus G. Miller, George C. Miller, Henry P. Morrison, Louis Newman, Antonic Pisani, M.D.; Alice Lee Post (Mrs.), Arthur S. Somers, Morton Stein, Abraham Stern, M. Samuel Stern, Ernest W. Stratmann, Cornelius J. Sullivan, James E. Sullivan, Michael J. Sullivan, Bernard Suydam, Rupert B. Thomas, John R. Thompson, John Whalen, Ira S. Wile, M.D., Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board.
Thomas W. Churchill, President.
John Greene, Vice-President.
A. Emerson Palmer, Secretary.
Fred H. Johnson, Assistant Secretary.
C. B. J. Snyder, Superintendent of School Buildings.
Patrick Jones, Superintendent of School Supplies.
Henry R. M. Cook, Auditor.
Thomas A. Dillon, Chief Clerk.
Henry M. Leipziger, Supervisor of Lectures.
Claude G. Leland, Superintendent of Librarlees.
A. J. Maguire, Supervisor of Janitors.

BOARD OF SUPERINTENDENTS.

William H. Maxwell, City Superintendent of Schools, and Andrew W. Edson, John H. Haaren, Clarence E. Meleney, Thomas S. O'Brien, Edward B. Shallow, Edward L. Stevens, Gustave Straubenmüller, John H. Walsh, Associate City Superintendents.

DISTRICT SUPERINTENDENTS.

Darwin L. Bardwell, William A. Campbell, John P. Conroy, John W. Davis, John Dwyer, James M. Edsall, William L. Ettinger, Cornelius E. Franklin, John Griffin, M.D., Henry W. Jameson, Henry E. Jenkins, Cecil A. Kidd, James Lee, Charles W. Lyon, James J. McCabe, Ruth E. McGray (Mrs.), William J. O'Shea, Arthur C. Perry, Jr., Alfred T. Schauffler, Albert Shiels, Edgar Dubs Shimer, Edward W. Stitt, Grace C. Strachan (Miss), Joseph S. Taylor, Benjamin Veit, Joseph H. Wade.

BOARD OF EXAMINERS.

William H. Maxwell, City Superintendent of Schools, and James C. Byrnes, Walter L. Hervey, Jerome A. O'Connell, George J. Smith, Examiners.

BOARD OF RETIREMENT.

Thomas W. Churchill, Abraham Stern, Arthur S. Somers, William H. Maxwell, Josephine E. Rogers, Mary A. Curtis, Lyman A. Best, Principal P. S. 171, Brooklyn, Secretary. Telephone, 4140 Cypress.

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 5 p. m. (June, July and August, 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.
Telephone, 1200 Worth.
William A. Prendergast, Comptroller.
Douglas Mathewson, Deputy Comptroller.
Edmund D. Fisher, Deputy Comptroller.
Hubert L. Smith, Assistant Deputy Comptroller.
George L. Tirrell, Secretary to the Department.
Thomas W. Hynes, Supervisor of Charitable Institutions.
Walter S. Wolfe, Chief Clerk.

BUREAU OF AUDIT.

Charles S. Hervey, Chief Auditor of Accounts, Room 29.
Harry York, Deputy Chief Auditor of Accounts,
Duncan MacInnes, Chief Accountant and Bookkeeper.
John J. Kelly, Auditor of Disbursements.
H. H. Rathyen, Auditor of Receipts.
James J. Munro, Chief Inspector.
R. B. McIntyre, Examiner in Charge, Expert Accountants' Division.

LAW AND ADJUSTMENT DIVISION.

Albert E. Hadlock, Auditor of Accounts. Room 185.

BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.

Tilden Adamson, Supervising Statistician and Examiner. Room 180.

STOCK AND BOND DIVISION.

James J. Sullivan, Chief Stock and Bond Clerk, Room 85.

OFFICE OF THE CITY PAYMASTER.

No. 83 Chambers street and No. 65 Reade street.
John H. Timmerman, City Paymaster.

DIVISION OF REAL ESTATE.

Charles A. O'Malley, Appraiser of Real Estate. Room 103, No. 280 Broadway.

DIVISION OF AWARDS.

Joseph R. Kenny, Bookkeeper in Charge. Rooms 155 and 157, No. 280 Broadway.

BUREAU FOR THE COLLECTION OF TAXES.

Borough of Manhattan—Stewart Building, Room O.
Frederick H. E. Ebstein, Receiver of Taxes.
John J. McDonough and Sylvester L. Malone, Deputy Receivers of Taxes.
Borough of The Bronx—Municipal Building, Third and Tremont avenues.
Edward H. Healy and John J. Knewitz, Deputy Receivers of Taxes.
Borough of Brooklyn—Municipal Building, Rooms 2-8.
Alfred J. Boulton and David E. Kemlo, Deputy Receivers of Taxes.
Borough of Queens—Municipal Building, Court House Square, Long Island City.
William A. Beadle and Thomas H. Green, Deputy Receivers of Taxes.
Borough of Richmond—Borough Hall, St. George, New Brighton.
John De Morgan and Edward J. Lovett, Deputy Receivers of Taxes.

BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.

Borough of Manhattan, Stewart Building Room E.
Daniel Moynahan, Collector of Assessments and Arrears.
George W. Wanmaker, Deputy Collector of Assessments and Arrears.
Borough of The Bronx—Municipal Building, Rooms 1-3.
Charles F. Bradbury, Deputy Collector of Assessments and Arrears.
Borough of Brooklyn—Mechanics' Bank Building, corner Court and Montague streets.
Theodore G. Christmas, Deputy Collector of Assessments and Arrears.
Borough of Queens—Municipal Building, Court House Square, Long Island City.
Peter L. Menninger, Deputy Collector of Assessments and Arrears.
Borough of Richmond—St. George, New Brighton.
Edward W. Berry, Deputy Collector of Assessments and Arrears.

BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS.

Stewart Building, Chambers street and Broadway, Room K.
Sydney H. Goodacre, Collector of City Revenue and Superintendent of Markets.
William Strohmeyer, Deputy Superintendent of Markets.
William A. Griffith, Deputy Collector of City Revenue.

DEPARTMENT OF HEALTH.

Centre and Walker streets, Manhattan.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Burial Permit and Contagious Disease Offices always open.
Telephone, 6280 Franklin.
Ernst J. Lederle, Ph.D., Commissioner of Health and President; Joseph J. O'Connell, M.D.; Rhinelander Waldo, Commissioners.
Eugene W. Scheffer, Secretary.
Herman M. Biggs, M.D., General Medical Officer.
Walter Bensel, M.D., Sanitary Superintendent.
William H. Guilfoy, M.D., Registrar of Records.
James McC. Miller, Chief Clerk.

Borough of Manhattan.

Alonzo Blauvelt, M.D., Assistant Sanitary Superintendent; George A. Roberts, Assistant Chief Clerk; Shirley W. Wynne, M.D., Assistant Registrar of Records.

Borough of The Bronx, No. 3731 Third avenue.

Marion B. McMillan, M.D., Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M.D., Assistant Registrar of Records.

Borough of Brooklyn, Flatbush avenue, Willoughby and Fleet streets.

Travers R. Maxfield, M.D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M.D., Assistant Registrar of Records.

Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.

John H. Barry, M.D., Assistant Sanitary Superintendent; George R. Crowly, Assistant Chief Clerk; Robert Campbell, M.D., Assistant Registrar of Records.

Borough of Richmond, No. 514 Bay street, Stapleton, Staten Island.

John T. Sprague, M.D., Assistant Sanitary Superintendent: Charles E. Hoyer, Assistant Chief Clerk: Frederick S. Williams, Assistant Registrar of Records.

DEPARTMENT OF PARKS.

Charles B. Stover, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.
Clinton H. Smith, Secretary.
Offices, Arsenal, Central Park.
Telephone, 7300 Plaza.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Michael J. Kennedy, Commissioner of Parks for the Borough of Brooklyn.
Offices, Litchfield Mansion, Prospect Park, Brooklyn.
Office hours, 9 a. m. to 5 p. m.; July and August, 9 a. m. to 4 p. m.
Telephone, 2300 South.
Thomas J. Higgins, Commissioner of Parks for the Borough of The Bronx.
Office, Zbrowski Mansion, Claremont Park.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 2640 Tremont.
Walter G. Eliot, Commissioner of Parks for the Borough of Queens.
Office, The Overlook, Forest Park, Richmond Hill, L. I.

PERMANENT CENSUS BOARD.

No. 114 East 47th street, fourth floor. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
The Mayor, City Superintendent of Schools and Police Commissioner. George H. Chatfield, Secretary.
Telephone, 3591 Murray Hill.

DEPARTMENT OF PUBLIC CHARITIES.

PRINCIPAL OFFICE.

Foot of East Twenty-sixth street, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 7400 Madison square.
Michael J. Drummond, Commissioner.
Frank J. Goodwin, First Deputy Commissioner, Stephen A. Nugent, Third Deputy Commissioner.
Thomas L. Fogarty, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 331 Schermerhorn street, Brooklyn. Telephone, 2977 Main.
Dr. John F. FitzGerald, General Medical Superintendent.
J. McKee Borden, Secretary.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 9 a. m. to 5 p. m.
The Children's Bureau, No. 124 East 59th street. Office hours, 9 a. m. to 5 p. m.
Sterling Potter, Superintendent for Richmond Borough, Borough Hall, St. George, Staten Island
Telephone, 1000 Tompkinsville.

DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park Row, 9 a. m. to 5 p. m., Saturdays, 9 a. m. to 12 m.
Telephone, 3863 Cortlandt.
William H. Edwards, Commissioner.
James F. Lynch, Deputy Commissioner, Borough of Manhattan.
Julian Scott, Deputy Commissioner, Borough of Brooklyn.
James F. O'Brien, Deputy Commissioner, Borough of The Bronx.
John J. O'Brien, Chief Clerk

DEPARTMENT OF TAXES AND ASSESSMENTS.

Hall of Records, corner Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Commissioners—Lawson Purdy, President; Chas. J. McCormack, John J. Halleran, Charles T. White, Daniel S. McElroy, Edward Kaufmann Judson G. Wall.
Telephone, 3900 Worth

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park Row, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephones: Manhattan, 8520 Cortlandt; Brooklyn, 3980 Main; Queens, 3441 Hunters Point; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.
Henry S. Thompson, Commissioner.
J. W. F. Bennett, Deputy Commissioner.
Benjamin A. Keiley, Water Registrar, Borough of Manhattan.
Telephone, 3545 Cortlandt.
Frederic T. Parsons, Deputy Commissioner, Borough of Brooklyn. Municipal Building, Brooklyn.
John L. Jordan, Deputy Commissioner, Borough of The Bronx, Tremont and Arthur avenues.
M. P. Walsh, Deputy Commissioner, Borough o Queens, Municipal Building, Long Island City.
John E. Bowe, Deputy Commissioner, Borough of Richmond, Municipal Building, St. George.

EXAMINING BOARD OF PLUMBERS.

Members of the Board: James M. Morrow, Chairman; John J. Hannegan, Fred B. Robertson; ex-officio members: Rudolph P. Miller, Edwin J. Fort.
Rooms Nos. 14, 15 and 16, Aldrich Building, Nos. 149 and 151 Church street.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

FIRE DEPARTMENT.

Headquarters: Office hours, for all, from 9 a. m. to 5 p. m.; Saturdays, 12 m. Central offices and fire stations open at all hours

OFFICES.

Headquarters of Department, Nos. 157 and 159 East 67th street, Manhattan. Telephone, 640 Plaza.
Brooklyn office, Nos. 365 and 367 Jay street Brooklyn. Telephone, 2653 Main.
Joseph Johnson, Commissioner.
George W. Olvany, Deputy Commissioner.
Philip P. Farley, Deputy Commissioner, Boroughs of Brooklyn and Queens.
Daniel E. Finn, Secretary of Department.
Lloyd Dorsey Willis, Secretary to Commissioner.
Walter J. Nolan, Secretary to Deputy Commissioner, Boroughs of Brooklyn and Queens.
John Kenlon, Chief of Department, in charge Bureau of Fire Extinguishment, 157 and 159 East 67th street, Manhattan.
Thomas Lally, Deputy Chief in charge, Boroughs of Brooklyn and Queens, 365-367 Jay street, Brooklyn.
William Guerin, Deputy Chief in charge Bureau of Fire Prevention, 157 and 159 East 67th street Manhattan.
Leonard Day, Electrical Engineer, Chief of Bureau of Fire Alarm Telegraph, 157 and 159 East 67th street, Manhattan.
John R. Keefe, Clerk, in charge Bureau of Repairs and Supplies, 157 and 159 East 67th street, Manhattan.

LAW DEPARTMENT.

OFFICE OF CORPORATION COUNSEL.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m to 12 m.
Main office, Hall of Records, Chambers an Centre streets, 6th and 7th floors.
Telephone, 4600 Worth.
Archibald R. Watson, Corporation Counsel.
Assistants—Charles D. Olendorf, William P. Burr, R. Percy Chittenden, William Beers Crowell, John L. O'Brien, Terence Farley, Edward J. McGoldrick, David S. Garland, Curtis A. Peters, George M. Curtis, John F. O'Brien, Edward S. Malone, Edwin J. Freedman, Louis H. Hahlo, Frank B. Pierce, Richard H. Mitchell. John Widdecombe, Arthur Sweeney, William H. King, George P. Nicholson, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, William E. C. Mayer, John Lehman, Francis Martin, Charles McIntyre, Clarence L. Barber, Isaac F. Cohen, George H. Cowle, Solon Berrick, James P. O'Connor, Elliott S. Benedict, Isaac Phillips Edward A. McShane, Eugene Fay, Ricardo M. DeAcosta, John M. Barrett, Frank P. Reilly, Leon G. Godley, Alexander C. MacNulty, Samuel Hoffman, John W. Goff, Jr., William R. Wilson, Jr., Charles E. Nellany, Patrick T. Walsh, Ashton Parker.
Secretary to the Corporation Counsel—Edmund Kirby, Jr.
Brooklyn Office, No. 153 Pierrepont street. Telephone, 2948 Main. James D. Bell, Assistant in charge.

BUREAU OF STREET OPENINGS.

Main office, No. 90 West Broadway. Telephone, 5070 Barclay. Joel J. Squier, Assistant in charge.
Brooklyn branch office, No. 166 Montague street. Telephone, 5916 Main. Edward Riegelmann, Assistant in charge.
Queens branch office, Municipal Building, Court House Square, Long Island City. Telephone, 3886 Hunters Point. Walter C. Sheppard, Assistant in charge.

BUREAU FOR THE RECOVERY OF PENALTIES.

No. 119 Nassau street. Telephone, 4526 Cortandt. Herman Stiefel, Assistant in charge.

BUREAU FOR THE COLLECTION OF ARREARS OF PERSONAL TAXES.

No 280 Broadway, 5th floor. Telephone, 4585 Worth. Geo. O'Reilly, Assistant in charge.

TENEMENT HOUSE BUREAU AND BUREAU OF BUILDINGS.

No. 44 East Twenty-third street. Telephone, 961 Gramercy. John P. O'Brien, Assistant in charge.

METROPOLITAN SEWERAGE COMMISSION

Office, No. 17 Battery place. George A. Soper, Ph.D., President; James H. Fuertes, Secretary; H. de B. Parsons, Charles Sooysmith, Linsly R. Williams, M.D.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1694 Rector.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Frank Gallagher President; Richard Welling and Alexander Keogh, Commissioners.
Frank A. Spencer, Secretary.

LABOR BUREAU.

Nos. 54-60 Lafayette street.
Telephone, 2140 Worth.

MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East 67th street, Headquarters Fire Department.
Joseph Johnson, Fire Commissioner and ex-officio Chairman; Geo. O. Eaton, Sidney Harris, Bartholomew Donovan, Russell W. Moore.
Albert Bruns, Secretary.
Meetings at call of Fire Commissioner.

POLICE DEPARTMENT.

CENTRAL OFFICE.

No. 240 Centre street, 9 a. m. to 5 p. m. (month of June, July and August, 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.
Telephone, 3100 Spring.
Rhinelander Waldo, Commissioner.
Douglas I. McKay, First Deputy Commissioner.
George S. Dougherty, Second Deputy Commissioner.
Harry W. Newberger, Third Deputy Commissioner.
James E. Dillon, Fourth Deputy Commissioner.
William H. Kipp, Chief Clerk.

PUBLIC RECREATION COMMISSION.

51 Chambers street; Room 1001.

James E. Sullivan, President; General George W. Wingate, Charles B. Stover, Mrs. V. G. Simkhovitch, Gustavus T. Kirby, George D. Pratt, Robbins Gilman, Bascom Johnson, Secretary; Cyril H. Jones, Assistant Secretary.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1471 Worth.

Commission meeting every second Thursday at 4 p. m.

PUBLIC SERVICE COMMISSION.

The Public Service Commission for the First District, Tribune Building, No. 154 Nassau street, Manhattan.

Office hours, 8 a. m. to 11 p. m., every day in the year, including holidays and Sundays.

Stated public meetings of the Commission, Tuesdays and Fridays at 12.15 p. m., in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.

Commissioners—Edward E. McCall, Chairman; Milo R. Maltbie, John E. Eustis, J. Sergeant Cram, George V. S. Williams. Counsel, George S. Coleman. Secretary, Travis H. Whitney.

Telephone, 4150 Beekman.

TENEMENT HOUSE DEPARTMENT.

John J. Murphy, Commissioner. Manhattan Office, 44 East 23d street. Telephone, 5331 Gramercy. William H. Abbott, Jr., First Deputy Commissioner.

Brooklyn office (Boroughs of Brooklyn, Queens and Richmond), 503 Fulton street. Telephone 3825 Main Frank Mann, Second Deputy Commissioner.

Bronx office, 391 East 149th street. Telephone, 7107-7108 Melrose. William B. Calvert Superintendent.

Office hours, 9 a, m. to 5 p. m.; Saturdays, a. m. to 12 m.

BOROUGH OFFICES.

BOROUGH OF MANHATTAN.

Office of the President, Nos. 14, 15 and 16 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m to 12 m.

George McAneny, President.

Leo Arnstein, Secretary of the Borough.

Louis Graves, Secretary to the President.

Telephone, 6725 Cortlandt.

Edgar Victor Frothingham, Commissioner of Public Works.

W. R. Patterson, Assistant Commissioner of Public Works.

Henry Welles Durham, Chief Engineer in Charge of Highways.

Charles H. Graham, Chief Engineer in Charge of Sewers.

Julian B. Beaty, Superintendent of Public Buildings and Offices.

Telephone, 6700 Cortlandt.

Rudolph P. Miller, Superintendent of Buildings, Telephone, 1575 Stuyvesant.

BOROUGH OF THE BRONX.

Office of the President, corner Third avenue and One Hundred and Seventy-seventh street; 9 a. m. to 5 p. m.; Saturdays, 9 a. m to 12 m.

Cyrus C. Miller, President.

George Donnelly, Secretary.

Thomas W. Whittle, Commissioner of Public Works.

James A. Henderson, Superintendent of Buildings.

Telephone, 2680 Tremont.

BOROUGH OF BROOKLYN.

President's Office, Nos. 15 and 16, Borough Hall; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Lewis H. Pounds, President.

Reuben L. Haskell, Borough Secretary.

Clifford B. Creighton, Secretary to the President.

———— ————, Commissioner of Public Works.

Patrick J. Carlin, Superintendent of Buildings.

William J. Taylor, Superintendent of the Bureau of Sewers.

Howard L. Woody, Superintendent of the Bureau of Public Buildings and Offices.

John W. Tumbridge, Superintendent of Highways.

Telephone, 3960 Main.

BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City; 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 4120 Hunters Point.

Maurice E. Connolly, President.

Hugh Hall, Secretary to the President.

Samuel Brock, Secretary of the Borough.

Joseph Flanagan, Commissioner of Public Works

G. Howland Leavitt, Superintendent of Highways.

John R. Higgins Superintendent of Sewers.

John W. Moore, Superintendent of Buildings.

Daniel Ehntholt, Superintendent of Street Cleaning.

Francis X. Duer, Superintendent of Public Buildings and Offices. Office, Town Hall, Flushing, L. I.

Telephone, 1740 Flushing.

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.

George Cromwell, President.

Maybury Fleming, Secretary.

Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.

John Seaton, Superintendent of Buildings.

H. E. Buel, Superintendent of Highways.

John T. Fetherston, Assistant Engineer and Acting Superintendent of Street Cleaning.

Ernest H. Seehusen, Superintendent of Sewers.

John Timlin, Jr., Superintendent of Public Buildings and Offices.

Offices, Borough Hall, New Brighton, N. Y., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1000 Tompkinsville.

CORONERS.

Borough of Manhattan—Office, 70 Lafayette street, corner of Franklin street.

Open at all times of the day and night.

Coroners: Israel L. Feinberg, Herman Hellenstein, James E. Winterbottom, Herman W. Holtzhauser.

Telephones, 5057, 5058 Franklin.

Borough of The Bronx—Corner of Arthur avenue and Tremont avenue. Telephones, 1250 Tremont and 1402 Tremont.

Office hours, 8 a. m. to 12 p. m. every day.

Jacob Shongut, Jerome F. Healy.

Borough of Brooklyn—Office, 236 Duffield street, near Fulton street. Telephones, 4004 Main and 4005 Main.

Alexander J. Rooney, Edward Glinnen, Coroners.

Open at all hours of the day and night.

Borough of Queens—Office, Town Hall, Fulton street, Jamaica, L. I.

Alfred S. Ambler, G. J. Schaefer.

Office hours from 9 a. m. to 10 p. m., excepting Sundays and holidays; office open then from 9 a. m. to 12 m.

Borough of Richmond—No. 175 Second street, New Brighton. Open at all hours of the day and night.

William H. Jackson, Coroner.

Telephone, 7 Tompkinsville.

COUNTY OFFICES.

NEW YORK COUNTY.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p . m.; Saturdays, 9 a. m. to 12 m. July and August 9 a. m. to 2 p. m.

Thomas Allison, Commissioner.

Frederick P. Simpson, Assistant Commissioner.

Telephone, 241 Worth.

COMMISSIONER OF RECORDS.

Office, Hall of Records.

John F. Cowan, Commissioner.

James O. Farrell, Deputy Commissioner.

William Moores, Superintendent.

James J. Fleming, Jr., Secretary.

Telephone, 3900 Worth.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

During the months of July and August from 9 a. m. to 2 p. m.

COUNTY CLERK.

Nos. 5, 8, 9, 10 and 11 New County Court House

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m., except on Saturdays

William F. Schneider, County Clerk.

Charles E. Gehring, Deputy.

Wm. B. Selden, Second Deputy.

Herman W. Beyer, Superintendent of Indexing and Recording.

Telephone, 5388 Cortlandt.

DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.

Office hours from 9 a. m. to 5.15 p. m.; Saturdays, 9 a. m. to 12 m.

Charles S. Whitman, District Attorney

Henry D. Sayer, Chief Clerk.

Telephone, 2304 Franklin.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

William M. Hoes, Public Administrator.

Telephone, 6376 Cortlandt.

REGISTER.

Hall of Records, office hours, from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.

Max S. Grifenhagen, Register.

William Halpin, Deputy Register.

Telephone, 3900 Worth.

SHERIFF.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m. Except during July and August 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Julius Harburger, Sheriff.

John F. Gilchrist, Under Sheriff.

Telephone, 4984 Worth.

SURROGATES.

Hall of Records. Court opens from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.

John P. Cohalan and Robert Ludlow Fowler, Surrogates; William V. Leary, Chief Clerk.

Bureau of Records: John F. Curry, Commissioner; Charles W. Culkin, Deputy Commissioner; Frank J. Scannell, Superintendent.

Telephone, 3900 Worth.

KINGS COUNTY.

COMMISSIONER OF JURORS.

Park Building, 381-387 Fulton street, Brookly,

Thomas R. Farrell, Commissioner.

Michael J. Trudden, Deputy Commissioner.

Office hours, from 9 a. m. to 4 p. m.; Saturdays from 9 a. m. to 12 m.

Office hours during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1454 Main.

COMMISSIONER OF RECORDS.

Hall of Records.

Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Edmund O'Connor, Commissioner.

William F. Thompson, Deputy Commissioner.

Telephone, 6988 Main.

COUNTY CLERK

Hall of Records, Brooklyn. Office hours, 9 a. m to 4 p. m.; during months of July and August; 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Charles S. Devoy, County Clerk.

John Feltner, Deputy County Clerk.

Telephone call, 4930 Main.

COUNTY COURT.

County Court House, Brooklyn, Rooms 1, 10, 14, 17, 18, 22 and 23. Court opens at 10 a. m, daily and sits until business is completed. Part I, Room No. 23; Part II., Room No. 10; Part III., Room No. 14; Part IV., Room No. 1, Court House, Clerk's office, Rooms 17, 18, 19 and 22, open daily from 9 a. m. to 5 p. m.; Saturdays, 12 m.

Norman S. Dike and Lewis L. Fawcett, County Judges.

John T. Rafferty, Chief Clerk.

Telephones, 4154 and 4155 Main.

DISTRICT ATTORNEY.

Office, 66 Court street, Borough of Brooklyn. Hours, 9 a. m. to 5.30 p. m.; Saturdays, 9 a. m. to 1 p. m.

James C. Cropsey, District Attorney.

Telephones, 2954-5-6-7 Main.

PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn 9 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 m.

Frank V. Kelly, Public Administrator.

Telephone, 2840 Main.

REGISTER.

Hall of Records. Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then from 9 a. m. to 2 p. m., provided for by statute; Saturdays, 9 a. m. to 12 m.

Edward T. O'Loughlin, Register.

Alfred T. Hobley, Deputy Register.

Telephone, 2830 Main.

SHERIFF.

Temple Bar Building, 186 Remsen street, Room 401, Brooklyn, N. Y.

9 a. m. to 4 p. m.; Saturdays, 12 m.

Charles B. Law, Sheriff.

Lewis M. Swasey, Under Sheriff.

Telephones, 6845, 6846, 6847 Main.

SURROGATE. .

Hall of Records, Brooklyn, N. Y.

Herbert T. Ketcham, Surrogate.

John H. McCooey, Chief Clerk and Clerk to the Surrogate's Court.

Court opens at 10 a. m. Office hours, 9 a. m. to 4 p. m., except during months of July and August, when office hours are from 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 3954 Main.

QUEENS COUNTY.

COMMISSIONER OF JURORS.

Office hours, 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.; Queens County Court House, Long Island City

Thorndyke C. McKennee, Commissioner Jurors.

Rodman Richardson, Assistant Commissioner. of Telephone, 9631 Hunters Point.

COUNTY CLERK.

No. 364 Fulton street, Jamaica,

Office open, 9 a. m. to 4 p. m.; Saturdays, 9 a. m to 12 m.

Leonard Ruoff, County Clerk.

Telephone, 151 Jamaica.

COUNTY COURT.

County Court House, Long Island City.

Telephone, 596 Hunters Point.

County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms on Saturday of each week and on Friday of each week during which civil actions are being tried with juries, except Saturdays and Fridays during the month of August and the first Saturday and all the Fridays in the month of September, at each of said terms issues of law, and issues of fact triable without a jury, will be tried, and motions and special proceedings heard.

Clerk's Office open 9 a. m. to 5 p. m., except Saturdays, 9 a. to 12.30 p. m.

Burt Jay Humphrey, County Judge.

Telephone, 551 Jamaica.

DISTRICT ATTORNEY.

Office, Queens County Court House, Long Island City, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.

Matthew J. Smith, District Attorney.

Telephones, 3871 and 3872 Hunters Point.

PUBLIC ADMINISTRATOR.

No. 364 Fulton street, Jamaica, Queens County, Randolph White, Public Administrator, County of Queens.

Office hours, 9 a. m. to 4 p . m.

Saturdays, 9 a. m. to 12 m.

Telephone, 397 Jamaica.

SHERIFF.

County Court House, Long Island City, 9 a. m. to 4 p. m.; during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

George Emener, Sheriff.

Samuel J. Mitchell, Under Sheriff.

Telephones, 3766-7 Hunters Point (office)

SURROGATE.

Daniel Noble, Surrogate.

Office, No. 364 Fulton street, Jamaica.

Except on Sundays, holidays and half-holidays, the office is open from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.

The calendar is called on each week day at 10 a. m., except during the month of August.

Telephone, 397 Jamaica.

RICHMOND COUNTY

COMMISSIONER OF JURORS.

Village Hall, Stapleton.

Charles J. Kullman, Commissioner.

Office open from 9 a. m. until 4 p. m.; Saturdays from 9 a. m. to 12 m.

Telephone, 81 Tompkinsville.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m to 4 p . m.; Saturdays, 9 a. m. to 12 m.

C. Livingston Bostwick, County Clerk

Telephone, 28 New Dorp.

COUNTY JUDGE AND SURROGATE.

County Court—J. Harry Tiernan, County Judge Terms of the County Court.

Trial Terms, with Grand and Trial Jury. Second Monday of March, First Monday of October.

Trial Terms, with Trial Jury only. First Monday of May, first Monday of December.

Special Terms, without Jury.—Wednesday of each week, except the last week of July, the month of August and the first week of September.

Surrogate's Court, J. Harry Tiernan, Surrogate

Monday and Tuesday of each week, at the Borough Wall, St. George, and on Wednesday at the Surrogate's Court, at Richmond, except during the session of the County Court, when all Surrogate's matters shall be made returnable at Borough Hall, St. George, on Saturday at 10.30 A. M. There will be no Surrogate's Court during the month of August. Office at Richmond is open daily from A. M. to 4 P. M., Saturday's from 9 A. M. to 12 noon.

Surrogate's Court, and Office, Richmond, S. I.

Surrogate's Chamber's, Borough Hall, St. George, New Brighton, N. Y.

William Finley, Clerk of the Surrogate's Court.

DISTRICT ATTORNEY.

Borough Hall, St. George, S. I.

Albert C. Fach, District Attorney.

Telephone, 50 Tompkinsville.

Office hours, 9 a. m. to 5 p . m.; Saturdays, 9 a. m to 12 m.

PUBLIC ADMINISTRATOR.

Office, Port Richmond.

William T. Holt, Public Administrator.

Telephone, 704 West Brighton.

SHERIFF.

County Court House, Richmond, S. I.

Joseph F. O'Grady Sheriff; Peter J. Finn, Jr. Under Sheriff.

Office hours, 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.

Telephone, 120 New Dorp.

THE COURTS.

APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.

Court House, Madison avenue, corner Twenty-fifth street. Court open from 2 p. m. until 6 p. m. Friday, Motion Day, Court opens at 10.30 a. m. Motions called at 10 a. m. Orders called at 10.30 a. m.

George L. Ingraham, Presiding Justice; Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, Francis M. Scott, Victor J. Dowling, Henry D. Hotchkiss, Justices; Alfred Wagstaff, Clerk, William Lamb, Deputy Clerk.

Clerk's Office opens 9 a. m.

Telephone, 3340 Madison Square.

SUPREME COURT—FIRST DEPARTMENT.

County Court House, Chambers street. Court open from 10.15 a. m. to 4 p. m.

Special Term, Part I. (motions), Room No. 16.

Special Term, Part II. (ex-parte business), Room No. 13.

Special Term, Part III., Room No. 19.

Special Term, Part IV., Room No. 20.

Special Term, Part V., Room No. 6.

Special Term, Part VI., Room No. 31.

Trial Term, Part II., Room No. 34.

Trial Term, Part III., Room No. 32.

Trial Term, Part IV., Room No. 21.

Trial Term, Part V., Room No. 24.

Trial Term, Part VI., Room No. 18.

Trial Term, Part VII., Room No. —.

Trial Term, Part VIII., Room No. 23.

Trial Term, Part IX., Room No. 35.

Trial Term, Part X., Room No. 26.

Trial Term, Part XI., Room No. 27.

Trial Term, Part XII., Room No. —.

Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.

Trial Term, Part XIV., Room No. 28.

Trial Term, Part XV., Room No. 37.

Trial Term, Part XVI., Rom No. —.

Trial Term, Part XVII., Room No. 20.

Trial Term, Part XVIII., Room No. 29.

Appellate Term, Room No. 29.

Naturalization Bureau, Room No. 7, first floor

Assignment Bureau, room on mezzanine floor northeast.

Clerks in attendance from 10 a. m. to 4 p. m.

Clerk's Office, Special Term, Part I. (motion), Room No. 15.

Clerk's Office, Special Term, Part II. ex-parte business), ground floor, southeast corner.

Clerk's Office, Special Term, Calendar round floor, south.

Clerk's Office Trial Term, Calendar, room northeast corner, second floor east,

Clerk's Office, Appellate Term, room southwest corner, third floor.

Trial Term, Part I. (criminal business), Criminal Court House. Centre street.

Justices—Leonard A. Giegerich, P. Henry Dugro, James A. Blanchard, Samuel Greenbaum, Edward B. Amend, Vernon M. Davis, Joseph E. Newburger, John W. Goff, Samuel Seabury, M. Warley Platzek, Peter A. Hendrick, John Ford, John J. Brady, Mitchell L. Erlanger, Charles L. Guy, James W. Gerard, Irving Lehman, Alfred R. Page, Edward J. Gavegan, Nathan Bijur, John J. Delany, Francis K. Pendleton, Daniel F. Cohalan, Thomas F. Donnely, Edward G. Whitaker, Bartow S. Weeks, Eugene A. Philbin.

Telephone, 4580 Cortlandt.

SUPREME COURT—CRIMINAL DIVISION.

Building for Criminal Courts, Centre, Elm, White and Franklin streets.

Court opens at 10.30 a. m.

William F. Schneider, Clerk; Edward R. Carroll, Special Deputy to the Clerk.

Clerk's Office open from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

During July and August, Clerk's Office will close at 2 p. m.

Telephone, 6064 Franklin.

APPELLATE DIVISION, SUPREME COURT.

SECOND JUDICIAL DEPARTMENT.

Court House, Borough Hall, Brooklyn. Court meets from 1 p. m. to 5 p. m., except that on Fridays court opens at 10 o'clock a. m. Almet F. Jenks, Presiding Justice; Michael H. Hirschberg, Joseph A. Burr, Edward B. Thomas, William J. Carr, Adelbert P. Rich, Luke D. Stapleton, Justices John B. Byrne, Clerk; Clarence A. Barrow, Deputy Clerk. Motion days, first and third Mondays of each Term.

Clerk's office opens 9 a. m.

Telephone, 1392 Main.

John B. Byrne, Clerk.

APPELLATE TERM—SUPREME COURT.

Court Room, 503 Fulton street, Brooklyn, Court meets, 10 a. m. May term begins May 5, 1913, Justices Garret J. Garretson, Frederick E. Crane, Isaac M. Kapper; Joseph H. DeBragga, Clerk, Owen J. Macaulay Deputy Clerk.

Clerk's Office opens 9 a. m.

Telephones, 7452 and 7453 Main.

SUPREME COURT—SECOND DEPARTMENT

KINGS COUNTY.

Kings County Court House, Joralemon and Fulton streets, Borough of Brooklyn.

Clerk's office hours, 9 o'clock a. m. to 5 o'clock p. m. Seven jury trial parts. Special Term for Trials. Special Term for Motions. Special Term (ex-parte business). Court opens at 10.00 a. m.

Naturalization Bureau, Room 7, Hall of Records, Brooklyn, N. Y.

James F. McGee, General Clerk.

Telephone, 5460 Main.

QUEENS COUNTY.

County Court House, Long Island City.

Court opens at 10 a. m. Trial and Special Term for Motions and ex-parte business each month except July, August and September, in Part 1.

Trial Term, Part 2. January, February, March April, May and December.

Special Term for Trials, January, April, June and November.

Naturalization, first Friday in each Term.

Thomas B. Seaman, Special Deputy Clerk in charge.

John D. Peace, Part 1 and Calendar Clerk.

James Ingram, Part 2, Clerk.

Clerk's office open 9 a. m. to 5 p. m., except Saturdays, 9 a. m. to 12.30 p. m.

Telephone, 3896 Hunters Point.

RICHMOND COUNTY.

Terms of Court in Year 1913.

Second Monday of January, first Monday of February, first Monday of April, first Monday of June, first Monday of November. Trial Terms to be held at County Court House at Richmond.

Second Monday of February, second Monday of June, second Monday of November. Special Terms for Trials to be held at Court Room, Borough Hall, St. George.

First and third Saturdays of January, second and fourth Saturdays of March, first and third Saturdays of April, second and fourth Saturdays of May, first and third Saturdays of October, first and third

Saturdays of December. Special Terms for Motions to be held at Court Room, Borough Hall, St. George.
C. Livingston Bostwick, Clerk.
John H. Wilkinson, Special Deputy.

COURT OF GENERAL SESSIONS.

Held in the Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 a. m.
Warren W. Foster, ———————— Otto A. Rosalsky, Thomas C. T. Crain, Edward Swann, Joseph F. Mulqueen, James T. Malone, Judges of the Court of General Sessions; Edward R. Carroll, Clerk. Telephone, 1201 Franklin.
Clerk's Office open from 9 a. m. to 4 p. m., and on Saturdays until 12 m.
During July and August Clerk's Office will close at 2 p. m., and on Saturdays at 12 m.

CITY COURT OF THE CITY OF NEW YORK

No. 32 Chambers street, Brownstone Building, City Hall Park, from 10 a. m. to 4 p. m.
Special Term Chambers will be held from 10 a. m. to 4 p. m.
Clerk's Office open from 9 a. m. to 4 p. m.
Edward F. O'Dwyer, Chief Justice; Francis B. Delehanty, Joseph I. Green, Alexander Finelite, John V. McAvoy, Peter Schmuck, Richard T. Lynch Edward B. La Fetra, Richard H.Smith, Robert L. Luce, Justices. Thomas F. Smith, Clerk.
Telephone, 122 Cortlandt.

COURT OF SPECIAL SESSIONS.

Isaac Franklin Russell, Chief Justice; Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Joseph F. Moss, Howard J. Forker, John Fleming, Robert J. Wilkin, George J. O'Keefe, Morgan M. L. Ryan, James J. McInerney, Arthur C. Salmon, Cornelius F. Collins, Moses Herrman and Frederic Kernochan, Justices. Frank W. Smith, Chief Clerk.
Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan. Telephone, 3983 Franklin.
Court opens at 10 a. m.
Part I., Criminal Courts Building, Borough of Manhattan, John P. Hilly, Clerk. Telephone, 3983 Franklin.
Part II., 171 Atlantic avenue, Borough of Brooklyn. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.
Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesday of each week. H. S. Moran, Clerk. Telephone, 657 Jamaica.
Part IV., Borough Hall, St. George, Borough of Richmond. This part is held on Wednesday of each week. Robert Brown, Clerk. Telephone, 324 Tompkinsville.

CHILDREN'S COURT.

New York County—No. 66 Third avenue, Manhattan. Dennis A. Lambert, Clerk. Telephone, 1832 Stuyvesant.
Kings County—No. 102 Court street, Brooklyn.. Joseph W. Duffy, Clerk. Telephone, 627 Main.
Queens County—No. 19 Hardenbrook avenue, Jamaica. Sydney Ollendorff, Clerk. This court is held on Monday and Thursday of each week. Telephone, 657 Jamaica.
Richmond County—Corn Exchange Bank Bldg, St. George, S. I. William J. Browne, Clerk. Court held on Tuesday of each week.
Telephone 324 Tompkinsville.

CITY MAGISTRATES' COURT.

FIRST DIVISION

William McAdoo, Chief City Magistrate; Robert C. Cornell, Peter T. Barlow, Matthew P. Breen, Frederick B. House, Charles N. Harris, Arthur C. Butts, Joseph E. Corrigan, Paul Krotel, Henry W. Herbert, Charles W. Appleton, Daniel F. Murphy, John J. Freschi, Francis X. McQuade, John A. L. Campbell, Samuel D. Levy, Norman J. Marsh. Joseph M. Deuel, George M. S. Schulz, Thomas J. Nolan, City Magistrates.
Court open from 9 a. m. to 4 p. m.
Philip Bloch, Chief Clerk, 300 Mulberry street.
Telephone, 6213 Spring.
First District—Criminal Court Build ng.
Second District—Jefferson Market.
Third District—Second avenue and First street.
Fourth District—Closed for Repairs.
Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.
Sixth District—One Hundred and Sixty-second street and Washington avenue.
Seventh District—No. 314 West Fifty-fourth street.
Eighth District—Main street, Westchester.
Ninth District (Night Court for Females)—No. 125 Sixth avenue.
Tenth District (Night Court for Males)—No. 314 West Fifty-fourth street.
Eleventh District—Domestic Relations Court—Southwest corner Prince and Wooster streets.

SECOND DIVISION.

BOROUGH OF BROOKLYN.

Otto Kempner, Chief City Magistrate; Edward J. Dooley, John Naumer, A. V. B. Voorhees, Jr., Alexander H. Geismar, John F. Hylan, Howard P. Nash, Charles J. Dodd, John C. McGuire, Louis H. Reynolds, John J. Walsh, Alfred E. Steers, City Magistrates
Office of Chief Magistrate, 44 Court street, Rooms 209-214. Telephone, 7411 Main.
William F. Delaney, Chief Clerk.
Archibald J. McKinny, Chief Probation Officer; Myrtle and Vanderbilt avenues, Brooklyn, N. Y.

Courts.

First District—No 318 Adams street.
Second District—Court and Butler streets.
Fifth District—No. 249 Manhattan avenue.
Sixth District—No. 495 Gates avenue.
Seventh District—No. 31 Snider avenue (Flatbush).
Eighth District—West Eighth street (Conye Island).
Ninth District—Fifth avenue and Twenty-third street.
Tenth District—No. 133 New Jersey avenue.
Domestic Relations Court—Myrtle and Vanderbilt avenues.

BOROUGH OF QUEENS.

City Magistrates—Joseph Fitch, John A. Leach, Harry Miller, James J. Conway.

Courts.

First District—St. Mary's Lyceum, Long Island City.
Second District—Town Hall, Flushing, L. I.
Third District—Central avenue, Far Rockaway, L. I.
Fourth District—Town Hall, Jamaica, L. I.

BOROUGH OF RICHMOND.

City Magistrates—Joseph B. Handy, Nathaniel Marsh.

Courts.

First District—Lafayette avenue, New Brighton, Staten Island.
Second District—Village Hall, Stapleton, Staten Island.
All Courts open daily for business from 9 a. m. to 4 p. m., except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

MUNICIPAL COURTS.

BOROUGH OF MANHATTAN.

First District—The First District, embraces the territory bounded on the south and west by the southerly and westerly boundaries of the said borough, on the north by the centre line of Fourteenth street and the centre line of Fifth street from the Bowery to Second avenue, on the east by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine treet.
Wauhope Lynn, William F. Moore, John Hoyer Justices.
Thomas O'Connell, Clerk.
Frank Mangin, Deputy Clerk.
Location of Court—Merchants' Association Building, Nos. 54-60 Lafayette street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. July and August from 9 a. m. to 2 p. m.
Additional Part is held at southwest corner of Sixth avenue and Tenth street.
Telephone, 6030 Franklin.

Second District—The Second District embraces the territory bounded on the south by the centre line of Fifth street from the Bowery to Second avenue and on the south and east by the southerly and easterly boundaries of the said borough, on the north by the centre line of East Fourteenth street, on the west by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.
Benjamin Hoffman, Leon Sanders, Thomas P. Dinnean, Leonard A. Snitkin, Justices.
James J. Devlin, Clerk.
Location of Court—Nos. 264 and 266 Madison street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 4300 Orchard.

Third District—The Third District embraces the territory bounded on the south by the centre line of Fourteenth street, on the east by the centre line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the centre line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the centre line of Sixty-fifth street and the centre line of Fifty-ninth street from Seventh to Eighth avenues, on the west by the westerly boundary of the said borough.
Thomas E. Murray, Thomas F. Noonan, Justices.
Michael Skelly, Clerk.
Location of Court—No. 314 West Fifty-fourth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone number, 5450 Columbus.

Fourth District—The Fourth District embraces the territory bounded on the south by the center line of East Fourteenth street, on the west by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, on the north by the centre line of Fifty-ninth street, on the east by the easterly line of said borough; excluding, however, any portion of Blackwells Island.
Michael F. Blake, William J. Boyhan, Justices.
Abram Bernard, Clerk.
Location of Court—Part I. and Part II., No. 207 East Thirty-second street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 4358 Murray Hill.

Fifth District—The Fifth District embraces the territory bounded on the south by the centre line of Sixty-fifth street, on the east by the centre line of Central Park West, on the north by the centre line of One Hundred and Tenth street, on the west by the westerly boundary of said borough.
Alfred P. W. Seaman, William Young, Frederick Spiegelberg, Justices.
John H. Servis, Clerk.
Location of Court—Northwest corner of Broadway and Ninety-sixth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 4006 Riverside.

Sixth District—The Sixth District embraces the territory bounded on the south by the centre line of Fifty-ninth street and by the centre line of Ninety-sixth street from Lexington avenue to Fifth avenue, on the west by the centre line of Lexington avenue from Fifty-ninth street to Ninety-sixth street and the centre line of Fifth avenue from Ninety-sixth street to One Hundred and Tenth street, on the north by the centre line of One Hundred and Tenth street, on the east by the easterly boundary of said borough, including however, all of Blackwells Island and excluding any portion of Wards Island.
Jacob Marks, Solomon Oppenheimer, Justices.
John J. Dietz, Clerk.
Location of Court—Nos. 155 and 157 East 88th street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Seventh District—The Seventh District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the east by the centre line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of Fifth avenue, following in a northerly direction the course of the Harlem River, on a line coterminous with the easterly boundary of said borough, on the north and west by the northerly and westerly boundaries of said borough.
Philip J. Sinnott, David L. Weil, John R. Davies, Justices.
John P. Burns, Clerk.
Location of Court—No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.

Eighth District—The Eighth District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the west by the centre line of Fifth avenue, on the north and east by the northerly and easterly boundaries of said borough, including Randalls Island and the whole of Wards Island.
Joseph P. Fallon and Leopold Prince, Justices.
Hugh H. Moore, Clerk.
Location of Court—Sylvan place and One Hundred and Twenty-first street, near Third avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Telephone, 3950 Harlem.

Ninth District—The Ninth District embraces the territory bounded on the south by the centre line of Fourteenth street and by the centre line of Fifty-ninth street from the centre line of Seventh avenue to the centre line of Central Park West, on the east by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, and by the centre line of Ninety-sixth street to the centre line of One Hundred and Tenth street, on the north by the centre line of Ninety-sixth street from the centre line of Lexington avenue to the centre line of Fifth avenue and One Hundred and Tenth street from Fifth avenue to Central Park West, on the west by the centre line of Seventh avenue and Central Park West.
Edgar J. Lauer, Frederic De Witt Wells, Frank D. Sturges, William C. Wilson, Justices.
Frank Bulkley, Clerk.
Location of Court—Southwest corner of Madison avenue and Fifty-ninth street. Parts I. and II. Court opens at 9 a. m. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3873 Plaza.

BOROUGH OF THE BRONX.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court room, Town Hall, No. 1400 Williamsbridge road, Westchester, New York City. Court open daily (Sundays and legal holdiays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.
Peter A. Sheil, Justice.
Stephens Collins, Clerk.
Office hours from 9 a. m. to 4 p. m.; Saturdays closing at 12 m.
Telephone, 457 Westchester.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court room, southeast corner of Washington avenue and One Hundred and Sixty-second street. Office hours from 9 a. m. to 4 p. m. Court opens at 9 a. m. Sundays and legal holidays excepted.
John M. Tierney and William E. Morris, Justices.
Thomas A. Maher, Clerk.
Telephone, 3043 Melrose.

BOROUGH OF BROOKLYN.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards, and that portion of the Eleventh Ward beginning at the intersection of the centre lines of Hudson and Myrtle avenues, thence along the centre line of Myrtle avenue to North Portland avenue, thence along the centre line of North Portland avenue to Flushing avenue, thence along the centre line of Flushing avenue to Navy street, thence along the centre line of Navy street to Johnson street, thence along the centre line of Johnson street to Hudson avenue, and thence along the centre line of Hudson avenue to the point of beginning, of the Borough of Brooklyn.
Court House, northwest corner State and Court streets. Parts I. and II.
Eugene Conran, Justice. John L. Gray, Clerk.
Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.
Telephone, 7091 Main.

Second District—Seventh Ward and that portion of the Twenty-first and Twenty-third Wards west of the centre line of Stuyvesant avenue and the centre line of Schenectady avenue, also that portion of the Twentieth Ward beginning at the intersection of the centre lines North Portland and of Myrtle avenues, thence along the centre line of Myrtle avenue to Waverly avenue, thence along the center line of Waverly avenue to Park avenue, thence along the centre line of Park avenue to Washington avenue, thence along the centre line of Washington avenue to Flushing avenue, thence along the centre line of Flushing avenue to North Portland avenue, and thence along the centre line of North Portland avenue to the point of beginning.
Court room, No. 495 Gates avenue.
John R. Farrar, George Freifeld, Justices; John Henigin, Jr., Clerk.
Clerk's Office open from 9 a. m. to 4 p. m., Sundays and holidays excepted. Saturdays, 9 a. m. to 12 m.
Telephone, 504 Bedford.

Third District—Embraces the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards, and that portion of the Twenty-seventh Ward lying northwest of the centre line of Starr street between the boundary line of Queens County and the centre line of Central avenue and northwest to the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and northwest of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.
Court House, Nos. 6 and 8 Lee avenue, Brooklyn.
Philip D. Meagher and William J. Bogenshutz, Justices. John W. Carpenter, Clerk.
Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.
Court opens at 9 a. m.
Telephone, 995 Williamsburg.

Fourth District—Embraces the Twenty-fourth and Twenty-fifth Wards, that portion of the Twenty-first and Twenty-third Wards lying east of the centre line of Stuyvesant avenue and east of the centre line of Schenectady avenue, and that portion of the Twenty-seventh Ward lying southeast of the centre line of Starr street between the boundary line of Queens and the centre line of Central avenue and southeast of the centre line of Suydam street between the centre lines of Centra and Bushwick avenues, and southeast of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.
Court room, No. 14 Howard avenue.
Jacob S. Strahl, Justice. William A. Nelson, Jr., Clerk.
Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.

Fifth District—Contains the Eighth, Thirtieth and Thirty-first Wards, and so much of the Twenty-second Ward as lies south of Prospect avenue.
Court House, northwest corner of Fifty-third street and Third avenue (No. 5220 Third avenue). Cornelius Furgueson, Justice; Jeremiah J. O'Leary, Clerk.
Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.
Telephone, 3907 Sunset.

Sixth District—The Sixth District embraces the Ninth and Twenty-ninth Wards and that portion of the Twenty-second Ward north of the centre line of Prospect avenue; also that portion of the Eleventh and the Twentieth Wards beginning at the intersection of the centre lines of Bridge and Fulton streets; thence along the centre line of Fulton street to Flatbush avenue; thence along the centre line of Flatbush avenue to Atlantic avenue; thence along the centre line of Atlantic avenue to Washington avenue; thence along the centre line of Washington avenue to Park avenue; thence along the centre line of Park avenue to Waverly avenue; thence along the centre line of Waverly avenue to Myrtle avenue; thence along the centre line of Myrtle avenue to Hudson avenue; thence along the centre line of Hudson avenue to Johnson street; thence along the centre line of Johnson street to Bridge street, and thence along the centre line of Bridge street to the point of beginning.
Lucien S. Bayliss and Stephen Callaghan, Justices. William R. Fagan, Clerk.
Court House, No. 236 Duffield street.
Telephone, 6166 Main.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.
Alexander S. Rosenthal and Edward A. Richards, Justices. James P. Sinnott, Clerk.
Court House, corner Pennsylvania avenue and Fulton street (No. 31 Pennsylvania avenue)
Clerk's Office open from 8.45 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Trial days, Mondays, Tuesdays, Wednesdays, Thursdays and Fridays, During July and August, 8. 45 a. m. to 2 p. m.
Telephones, 904 and 905 East New York.

BOROUGH OF QUEENS.

First District—Embraces the territory bounded by and within the canal, Rapelye avenue, Jackson avenue, Old Bowery Bay road, Bowery Bay, East River and Newtown Creek. Court room, St. Mary's Lyceum, Nos. 115 and 117 Fifth street, Long Island City.
Clerk's Office open from 9 a. m. to 4 p. m. each day, excepting Saturdays, closing at 12 m. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.
Thomas C. Kadien, Justice. John F. Cassidy, Clerk.
Telephone, 1420 Hunters Point.

Second District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, boundary line between the Second and Third Wards, Flushing Creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck Bay, East River, Bowery Bay, Old Bowery Bay road, Jackson avenue, Rapelye avenue, the canal and Newtown Creek.
Court room in Court House of the late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, Queens County, New York.
John M. Cragen, Justice. J. Frank Ryan, Clerk.
Trial days, Tuesdays, Thursdays and Fridays.
Fridays for Jury trials only.
Clerk's Office open from 9 a. m. to 4 p. m.; Sundays and legal holidays excepted.
Telephone, 87 Newtown.

Third District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, Vandeveer avenue, Jamaica avenue, Shaw avenue, Atlantic avenue, Morris avenue, Rockaway road, boundary line between Queens and Nassau counties, Atlantic Ocean, Rockaway Inlet, boundary line between Queens and Kings counties and Newtown Creek.
Alfred Denton, Justice. John H. Nuhn, Clerk 1908 and 1910 Myrtle avenue, Glendale.
Telephone, 2352 Bushwick.
Clerk's Office open from 9 a. m. to 4 p. m.
Trial days, Tuesdays and Thursdays (Fridays for Jury trials only), at 9 a. m.

Fourth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing Creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck Bay, boundary lines between Queens and Nassau counties, Rockaway road, Morris avenue, Atlantic avenue, Shaw avenue, Jamaica avenue and Vandeveer avenue.
Court House, Town Hall, northeast corner of Fulton street and Flushing avenue, Jamaica.
James F. McLaughlin, Justice. George W. Damon, Clerk.
Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Court held on Mondays, Wednesdays and Fridays at 9 a. m.
Telephone, 1654 Jamaica.

BOROUGH OF RICHMOND.

First District—First and Third Wards (Towns of Castleton and Northfield). Court room, former Village Hall, Lafayette avenue and Second street, New Brighton.
Thomas C. Brown, Justice. Thomas E. Cremins, Clerk.
Clerk's Office open from 8.45 a. m. to 4 p. m. Sundays and legal holidays excepted.
Court opens 9 a. m.
Telephone, 503 Tompkinsville.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court room, former Edgewater Village Hall, Stapleton.
Arnold J. B. Wedemeyer, Justice. William Wedemeyer, Clerk.
Clerk's Office open from 8.45 a. m. to 4 p. m.
Court opens at 9 a. m. Calendar called at 9 a. m. Court continued until close of business.
Trial days, Mondays, Wednesdays and Fridays
Telephone, 313 Tompkinsville.

CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the acts amendatory thereof and supplemental thereto, notice is hereby given that meeting of the Commissioners appointed under said acts will be held at the office of the Commission, Room 223, 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Tuesdays and Thursdays of each week, at 2 o'clock p. m., until further notice.
Dated New York City, July 26, 1911.
WILLIAM D. DICKEY, CAMBRIDGE LIVINGSTON, DAVID ROBINSON, Commissioners.
LAMONT McLOUGHLIN, Clerk.

BOROUGH OF MANHATTAN.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the offices of the Commissioner of Public Works, Room 1808, 21 Park row, until 2 o'clock p. m., on

FRIDAY, AUGUST 29, 1913.

1. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE WITH PORTLAND CEMENT FILLER), WITH CLOSE BINDER ON A CONCRETE FOUNDATION, THE ROADWAY OF AVENUE A, FROM SOUTH SIDE 67TH STREET TO SOUTH SIDE 77TH STREET, AND FROM NORTH SIDE 78TH STREET TO SOUTH SIDE 81ST STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the amount of work to be done:

23,620 square yards of sheet asphalt (heavy traffic mixture with Portland cement filler), including binder course.
150 square yards of sheet asphalt pavement (heavy traffic mixture with Portland cement filler), including binder course, in intersecting streets (no guarantee).
4,100 cubic yards of Portland cement concrete.
250 linear feet of new granite headerstone, furnished and set.
2,340 linear feet of new 5-inch bluestone curbstone, furnished and set.
590 linear feet of old bluestone curbstone, redressed, rejointed and reset.
270 linear feet of 6-inch curved granite curbstone, furnished and set.
20 standard heads and covers, complete, for sewer manholes, furnished and set.
22,720 square yards of old stone blocks to be purchased and removed by contractor.
6 standard rings and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be fifty (50) working days.
The amount of security required will be Twelve Thousand Dollars $12,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.
The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.
2. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE WITH PORTLAND CE-

MENT FILLER), WITH CLOSE BINDER ON A CONCRETE FOUNDATION, THE ROADWAY OF PARK AVENUE FROM SOUTH SIDE 56TH STREET TO NORTH SIDE 72D STREET.

Engineer's estimate of the amount of work to be done:

31,620 square yards of sheet asphalt (heavy traffic mixture with Portland cement filler), including binder course, except the railway area.

60 square yards of sheet asphalt pavement (heavy traffic mixture with Portland cement filler), including binder course, in the railway area (no guarantee).

100 square yards of sheet asphalt pavement on intersecting streets (no guarantee).

5,720 cubic yards of Portland cement concrete.

30 linear feet of new granite headerstone, furnished and set.

6,500 linear feet of new 5-inch bluestone curbstone, furnished and set.

1,620 linear feet of old bluestone curbstone, redressed, rejointed and reset.

180 square yards of special granite block pavement, in railway area (no guarantee).

120 linear feet of granite platform flagging to be cut to line.

18 standard heads and covers, complete, for sewer manholes, furnished and set.

970 square yards of old stone blocks to be purchased and removed by contractor.

640 linear feet of 6-inch curved granite curb to be furnished and set.

The time allowed for doing and completing the above work will be sixty (60) working days.

The amount of security required will be Twenty Thousand Dollars ($20,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

3. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE WITH PORTLAND CEMENT FILLER), WITH CLOSE BINDER ON A CONCRETE FOUNDATION, THE ROADWAY OF 61ST STREET, FROM WEST SIDE PARK AVENUE TO THE EAST SIDE 5TH AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the amount of work to be done:

3,040 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler), including binder course.

10 square yards of sheet asphalt pavement (heavy traffic mixture with Portland cement filler), including binder course in intersecting streets (no guarantee).

600 cubic yards of Portland cement concrete.

140 linear feet of granite platform flagging to be cut to line.

1,420 linear feet of new 5-inch bluestone curbstone, furnished and set.

350 linear feet of old bluestone curbstone, redressed, rejointed and reset.

12 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Five Hundred Dollars, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

4. FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 96TH STREET, FROM WEST SIDE BROADWAY TO WEST SIDE WEST END AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the amount of work to be done:

3,020 square yards of granite block pavement, with paving cement joints.

10 square yards of asphalt block pavement in intersecting streets (no guarantee).

550 cubic yards of Portland cement concrete.

140 linear feet of new granite headerstone, furnished and set.

620 linear feet of new 5-inch bluestone curbstone, furnished and set.

160 linear feet of old bluestone curbstone, redressed, rejointed and reset.

1 standard cover and ring, complete, for sewer manhole, furnished and set.

1 standard head and cover, complete, for sewer manhole, furnished and set.

2,230 square yards of old stone block to be purchased and removed by contractor.

40 linear feet of 6-inch curved granite curbstone to be furnished and set.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be Three Thousand Dollars ($3,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

5. FOR REGULATING AND REPAVING WITH SPECIAL GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION, THE ROADWAY OF 22D STREET, FROM WEST SIDE AVENUE A TO THE EAST SIDE 2D AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the amount of work to be done:

4,400 square yards of special granite block pavement, with paving cement joints.

860 cubic yards of Portland cement concrete.

30 linear feet of new granite headerstone, furnished and set.

2,090 linear feet of new 5-inch bluestone curbstone, furnished and set.

520 linear feet of old bluestone curbstone, redressed, rejointed and reset.

6 standard heads and covers, complete, for sewer manholes, furnished and set.

2,090 square yards of old stone block to be purchased and removed by contractor.

2 standard covers and rings, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be Five Thousand Dollars ($5,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

6. FOR REGULATING AND REPAVING WITH SPECIAL GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 43D STREET, FROM WEST SIDE 2D AVENUE TO THE EAST SIDE 3D AVENUE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the amount of work to be done:

2,150 square yards of special granite block pavement, with paving cement joints.

420 cubic yards of Portland cement concrete.

30 linear feet of granite headerstone, furnished and set.

1,020 linear feet of new 5-inch bluestone curbstone, furnished and set.

260 linear feet of old bluestone curbstone, redressed, rejointed and reset.

3 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure or article, by which the bids will be tested. The extensions must be made and footed up.

Blank forms and specifications may be had at the office of the Commissioner of Public Works, 13 to 21 Park row, Bureau of Highways, Room 1611, Borough of Manhattan.

GEORGE McANENY, President.

August 8, 1913. a19,29

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the offices of the Commissioner of Public Works, Room 1808, 21 Park row, until 2 o'clock p. m., on

TUESDAY, AUGUST 19, 1913.

1. FOR REGULATING AND REPAVING WITH SHEET ASPHALT, HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER, OUTSIDE OF TRACK AREA, AND WITH SPECIAL GRANITE BLOCK PAVEMENT IN TRACK AREA, ON CONCRETE FOUNDATION, THE ROADWAY OF FIFTH AVENUE FROM THE SOUTH SIDE OF 80TH STREET TO THE NORTH SIDE OF 90TH STREET.

Engineer's estimate of the amount of work to be done:

13,610 square yards of sheet asphalt, heavy traffic mixture, with Portland cement filler, including binder course, except the railroad area.

60 square yards of sheet asphalt, heavy traffic mixture, with Portland cement filler, including binder course, in the railroad area (no guarantee).

140 square yards of special granite block pavement, with paving cement joints, in the railroad area (no guarantee).

40 square yards of sheet asphalt pavement on intersecting streets (no guarantee).

3,110 cubic yards of Portland cement concrete.

820 linear feet of 7-inch granite curbstone, furnished and set.

90 linear feet of 8-inch granite curbstone, furnished and set.

100 linear feet of old curbstone, to be redressed, rejointed and reset.

800 linear feet of old curbstone to be purchased and removed by contractor.

150 linear feet of new granite headerstone, furnished and set.

15 standard heads and covers, complete, for sewer manholes, furnished and set.

5 standard covers and rings, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be Nine Thousand Dollars ($9,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

2. FOR REGULATING AND REPAVING WITH SHEET ASPHALT, HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER ON A CONCRETE FOUNDATION, THE ROADWAY OF BROADWAY, FROM SOUTH SIDE 135TH STREET TO NORTH SIDE 145TH STREET, EXCEPTING THE WEST SIDE FROM NORTH SIDE 137TH STREET TO SOUTH SIDE 145TH STREET.

Engineer's estimate of the amount of work to be done:

17,400 square yards of sheet asphalt, heavy traffic mixture, with Portland cement filler, including binder course.

30 square yards of sheet asphalt, heavy traffic mixture, with Portland cement filler, including binder course in the intersecting streets (no guarantee).

390 square yards of asphalt block pavement on intersecting streets (no guarantee).

2,990 cubic yards of Portland cement concrete.

210 linear feet of new granite headerstone, furnished and set.

2,190 linear feet of new 5-inch bluestone curbstone, furnished and set.

550 linear feet of old bluestone curbstone, redressed, rejointed and reset.

1 side receiving basin to be built.

5 standard heads and covers, complete, for sewer manholes, furnished and set.

240 linear feet of 6-inch curved granite curb to be furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Twelve Thousand Dollars ($12,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

3. FOR WIDENING THE ROADWAY AND REPAVING WITH SHEET ASPHALT, HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER ON A CONCRETE FOUNDATION FROM CURB TO RAIL AND WITH SPECIAL GRANITE BLOCK PAVEMENT IN AND BETWEEN TRACKS THE ROADWAY OF 14TH STREET FROM WEST SIDE 1ST AVENUE TO THE EAST SIDE 2D AVENUE.

Engineer's estimate of the amount of work to be done:

2,600 square yards of sheet asphalt, heavy traffic mixture, with Portland cement filler, including binder course, except the railway area.

310 square yards of sheet asphalt pavement, heavy traffic mixture, with Portland cement filler, including binder course, in the railroad area (no guarantee).

920 square yards of special granite block pavement in the railroad area (no guarantee).

870 cubic yards of Portland cement concrete.

90 linear feet of new granite headerstone, furnished and set.

1,370 linear feet of new 7-inch granite curbstone, furnished and set.

20 cubic yards of filling to be furnished.

20 cubic yards of earth excavation.

3 standard heads and covers, complete, for sewer manholes, furnished and set.

910 square yards of old stone blocks to be purchased and removed by contractor.

1,370 linear feet of old bluestone curbstone to be purchased and removed by the contractor.

50 square feet of cement sidewalk to be furnished and laid.

8 hydrants to be reset.

2 corner receiving basins to be built.

1 cover and ring for sewer manhole, complete, to be furnished and set.

The time allowed for doing and completing the above work will be twenty-five (25) working days.

The amount of security required will be Three Thousand Dollars ($3,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

4. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 32D STREET, FROM WEST SIDE OF LEXINGTON AVENUE TO EAST SIDE OF 4TH AVENUE.

Engineer's estimate of the amount of work to be done:

1,540 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

300 cubic yards of Portland cement concrete.

30 linear feet of new granite headerstone, furnished and set.

730 linear feet of new 5-inch bluestone curbstone furnished and set.

180 linear feet of old bluestone curbstone redressed, rejointed and reset.

2 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be One Thousand Dollars ($1,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

5. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 49TH STREET, FROM WEST SIDE 1ST AVENUE TO THE EAST SIDE 3D AVENUE.

Engineer's estimate of the amount of work to be done:

4,400 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

870 cubic yards of Portland cement concrete.

120 linear feet of new granite headerstone, furnished and set.

2,110 linear feet of new 5-inch bluestone curbstone, furnished and set.

530 linear feet of old bluestone curbstone, redressed, rejointed and reset.

7 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Three Thousand Dollars ($3,000) and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

6. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 63D STREET, FROM THE WEST SIDE OF AVENUE A TO THE EAST SIDE OF 3D AVENUE.

Engineer's estimate of the amount of work to be done:

6,500 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

10 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course) in intersecting street (no guarantee).

1,280 cubic yards of Portland cement concrete.

90 linear feet of new granite headerstone furnished and set.

3,120 linear feet of new 5-inch bluestone curbstone furnished and set.

780 linear feet of old bluestone curbstone redressed, rejointed and reset.

9 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be Five Thousand Dollars ($5,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

7. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 70TH STREET, FROM WEST SIDE OF AVENUE A TO EAST SIDE OF 1ST AVENUE.

Engineer's estimate of the amount of work to be done:

2,140 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

10 square yards of sheet asphalt pavement (heavy traffic mixture, with Portland cement filler, including binder course) in intersecting streets (no guarantee).

420 cubic yards of Portland cement concrete.

1,020 linear feet of new 5-inch bluestone curbstone furnished and set.

250 linear feet of old bluestone curbstone redressed, rejointed and reset.

4 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5) per cent .of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

8. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER,WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 71ST STREET, FROM THE WEST SIDE OF AVENUE A TO THE EAST SIDE OF 1ST AVENUE.

Engineer's estimate of the amount of work to be done:

2,160 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, in cluding binder course).

420 cubic yards of Portland cement concrete.

30 linear feet of new granite headerstone furnished and set.

1,020 linear feet of new 5-inch bluestone curbstone furnished and set.

260 linear feet of old bluestone curbstone redressed, rejointed and reset.

3 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be twenty-five (25) working days.

The amount of security required will be Twenty-five Hundred Dollars ($2,500), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

9. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE) WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER ON A CONCRETE FOUNDATION AND WITH SPECIAL GRANITE BLOCK IN AND BETWEEN THE TRACKS, THE ROADWAY OF 72D STREET, FROM EAST SIDE COLUMBUS AVENUE TO EAST SIDE WEST END AVENUE.

Engineer's estimate of the amount of work to be done:

8,860 square yards of sheet asphalt, heavy traffic mixture, with Portland cement filler, including binder course.

50 square yards of sheet asphalt, heavy traffic mixture, with Portland cement filler, including binder course, in the railroad area (no guarantee).

10 square yards of sheet asphalt pavement on intersecting streets (no guarantee).

1,670 cubic yards of Portland cement concrete.

10 linear feet of new 6-inch granite curbstone, furnished and set.

2,560 linear feet of new 5-inch bluestone curbstone, furnished and set.

640 linear feet of old bluestone curbstone, redressed, rejointed and reset.

170 square yards of special granite block pavement in railroad area (no guarantee).

6 standard heads and covers, complete, for sewer manholes, furnished and set.

10 square yards of asphalt block pavement on intersecting streets (no guarantee).

2 standard rings and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Seven Thousand Dollars ($7,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President on or before the time of making his bid, samples, as required by the specifications.

10. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 77TH ST., FROM THE WEST SIDE AVENUE A TO THE EAST SIDE 3D AVE.

Engineer's estimate of the amount of work to be done:

6,510 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

10 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course), in the intersecting streets (no guarantee).

1,280 cubic yards of Portland cement concrete.

90 linear feet of new granite headerstone furnished and set.

3,130 linear feet of new 5-inch bluestone curbstone furnished and set.

780 linear feet of old bluestone curbstone redressed, rejointed and reset.

9 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Five Thousand Dollars ($5,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

11. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 87TH ST., FROM THE WEST SIDE 1ST AVE. TO THE EAST SIDE 3D AVE.

Engineer's estimate of the amount of work to be done:

4,410 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

870 cubic yards of Portland cement concrete.

30 linear feet of new granite headerstone furnished and set.

2,110 linear feet of new 5-inch bluestone curbstone furnished and set.

530 linear feet of old bluestone curbstone redressed, rejointed and reset.

7 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days

The amount of security required will be Three Thousand Dollars ($3,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

12. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER), ON A CONCRETE FOUNDATION, THE ROADWAY OF 92D ST., FROM WEST SIDE OF 1ST AVE. TO EAST SIDE OF 2D AVE.

Engineer's estimate of the amount of work to be done:

2,290 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

10 square yards of sheet asphalt pavement (heavy traffic mixture, with Portland cement filler, including binder course in intersecting streets) (no guarantee).

450 cubic yards of Portland cement concrete.

1,090 linear feet of new 5-inch bluestone curbstone furnished and set.

270 linear feet of old bluestone curbstone redressed, rejointed and reset.

5 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

13. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER), ON A CONCRETE FOUNDATION, THE ROADWAY OF 93D ST., FROM THE WEST SIDE OF 1ST AVE. TO THE EAST SIDE OF 2D AVE.

Engineer's estimate of the amount of work to be done:

2,300 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

10 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course) in the intersecting streets (no guarantee).

450 cubic yards of Portland cement concrete.

1,090 linear feet of new 5-inch bluestone curbstone furnished and set.

270 linear feet of old bluestone curbstone redressed, rejointed and reset.

3 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

14. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 101ST ST., FROM THE WEST SIDE 1ST AVE. TO THE EAST SIDE 2D AVE.

Engineer's estimate of the amount of work to be done:

2,280 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

10 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course) in intersecting streets (no guarantee).

450 cubic yards of Portland cement concrete.

1,080 linear feet of new 5-inch bluestone curbstone furnished and set.

270 linear feet of old bluestone curbstone redressed, rejointed and reset.

3 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

15. FOR REGULATING AND REPAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE, WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER) ON A CONCRETE FOUNDATION, THE ROADWAY OF 105TH ST., FROM WEST SIDE 1ST AVE. TO THE EAST SIDE 2D AVE.

Engineer's estimate of the amount of work to be done:

2,280 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course).

10 square yards of sheet asphalt (heavy traffic mixture, with Portland cement filler, including binder course) in intersecting streets (no guarantee).

450 cubic yards of Portland cement concrete.

1,090 linear feet of new 5-inch bluestone curbstone furnished and set.

270 linear feet of old bluestone curbstone redressed, rejointed and reset.

3 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

16. FOR REGULATING AND PAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE) WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER OUTSIDE TRACK AREA AND WITH SPECIAL GRANITE BLOCK PAVEMENT IN TRACK AREA, ON A CONCRETE FOUNDATION, THE ROADWAY OF 129TH ST., FROM THE EASTERLY CURB LINE OF AMSTERDAM AVE. TO A POINT 220 FEET EAST.

Engineer's estimate of the amount of work to be done:

440 square yards of sheet asphalt (heavy traffic mixture), with Portland cement filler, including binder course, except the railroad area.

120 square yards of sheet asphalt (heavy traffic mixture), with Portland cement filler, including binder course, in the railroad area (no guarantee).

110 square yards of special granite block pavement in the railroad area (no guarantee).

120 cubic yards of Portland cement concrete.

30 linear feet of new granite headerstone furnished and set.

20 linear feet of new 5-inch bluestone curbstone furnished and set.

80 linear feet of old bluestone curbstone redressed, rejointed and reset.

The time allowed for doing and completing the above work will be fifteen (15) working days.

The amount of security required will be Five Hundred Dollars ($500), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

17. FOR REGULATING AND PAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE), WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER ON A CONCRETE FOUNDATION, THE ROADWAY OF W. 212TH ST., FROM EAST SIDE BROADWAY TO WEST SIDE 10TH AVE.

Engineer's estimate of the amount of work to be done:

1,770 square yards of sheet asphalt (heavy traffic mixture), with Portland cement filler, including binder course.

340 cubic yards of Portland cement concrete.

100 linear feet of new 5-inch bluestone curbstone furnished and set.

680 linear feet of old bluestone curbstone redressed, rejointed and reset.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be Fifteen Hundred Dollars ($1,500), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

18. FOR REGULATING AND PAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE), WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER ON A CONCRETE FOUNDATION, THE ROADWAY OF 218TH ST., FROM SUMMIT EAST OF PARK TERRACE WEST TO BROADWAY.

Engineer's estimate of the amount of work to be done:

2,450 square yards of sheet asphalt (heavy traffic mixture), with Portland cement filler, including binder course.

420 cubic yards of Portland cement concrete.

120 linear feet of new granite headerstone furnished and set.

25 linear feet of new 5-inch bluestone curbstone furnished and set.

100 linear feet of old bluestone curbstone redressed, rejointed and reset.

The time allowed for doing and completing the above work will be twenty-five (25) working days.

The amount of security required will be Fifteen Hundred Dollars ($1,500), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

19. FOR NARROWING THE ROADWAY AND RELAYING THE GRANITE BLOCK PAVEMENT ON AMSTERDAM AVE., FROM THE NORTH SIDE 155TH ST. TO ST. NICHOLAS AVE., AND ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the amount of work to be done:

6,250 square yards of granite block pavement, with paving cement joints, to be relaid, except the railroad area.

720 square yards of granite block pavement, with paving cement joints, to be relaid, within the railroad area (no guarantee).

1,380 cubic yards of Portland cement concrete.

330 linear feet of new granite headerstone furnished and set.

2,300 linear feet of new 5-inch bluestone curbstone to be furnished and set.

580 linear feet of old bluestone curbstone to be redressed, rejointed and reset.

50 cubic yards of filling to be furnished.

50 cubic yards of excavation.

2 standard heads and covers, complete, for sewer manholes, furnished and set.

16,070 square feet of new cement sidewalk to be furnished and laid.

250 linear feet of 6-inch curved granite curbstone to be furnished and set.

30 square yards of sheet asphalt on intersecting streets (no guarantee).

50 square yards of asphalt block pavement on intersecting streets (no guarantee).

8 receiving basins to be rebuilt.

400 square feet of new bridgestone to be furnished and laid.

1,700 square feet of old bridgestone to be relaid.

The time allowed for doing and completing the above work will be thirty-five (35) working days.

The amount of security required will be Six Thousand Dollars ($6,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

20. FOR REGULATING AND PAVING WITH SPECIAL GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF EXTERIOR ST., FROM 67TH ST. TO A POINT 100 FEET SOUTH OF THE SOUTH HOUSE LINE OF 70TH ST., AND FROM A POINT 100 FEET NORTH OF THE NORTH HOUSE LINE OF 70TH ST. TO 79TH ST.

Engineer's estimate of the amount of work to be done:

15,910 square yards of special granite block pavement with paving cement joints.

2,820 cubic yards of Portland cement concrete.

3,180 linear feet of new granite headerstone furnished and set.

1,450 linear feet of new 5-inch bluestone curbstone furnished and set.

450 linear feet of old bluestone curbstone redressed, rejointed and reset.

100 cubic yards of rock excavation.

50 cubic yards of earth excavation.

4 manholes to be built.

4 receiving basins to be built.

10 linear feet of 6-inch curved granite curb stone to be furnished and set.

200 linear feet of 8-inch cast-iron drain pipe to be furnished and laid.

200 linear feet of 12-inch vitrified drain pipe to be furnished and laid.

The time allowed for doing and completing the above work will be fifty (50) working days.

The amount of security required will be Eighteen Thousand Dollars ($18,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

21. FOR REGULATING AND PAVING WITH SPECIAL GRANITE BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 129TH ST., FROM A LINE 220 FEET EAST OF THE EAST CURB LINE OF AMSTERDAM AVE. TO CONVENT AVE.

Engineer's estimate for the amount of work to be done:

1,100 square yards of special granite block pavement, with paving cement joints.

190 cubic yards of Portland cement concrete.

30 linear feet of new granite headerstone furnished and set.

20 linear feet of new 5-inch bluestone curbstone furnished and set.

80 linear feet of old bluestone curbstone redressed, rejointed and reset.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be One Thousand Dollars ($1,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

22. FOR REGULATING AND PAVING WITH WOOD BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF EXTERIOR ST., FROM THE NORTH CURB LINE OF 64TH ST. TO NORTH HOUSE LINE OF 67TH ST., AND FROM 100 FEET SOUTH OF THE SOUTH HOUSE LINE OF 70TH ST. TO 100 FEET NORTH OF THE NORTH HOUSE LINE OF 70TH ST.

Engineer's estimate of the amount of work to be done:

5,600 square yards of wood block pavement, including mortar bed.

1,000 cubic yards of Portland cement concrete.

1,150 linear feet of new granite headerstone furnished and set.

520 linear feet of new 5-inch bluestone curbstone furnished and set.

150 linear feet of 8-inch cast-iron drain pipe furnished and set.

520 linear feet of old bluestone curbstone redressed, rejointed and reset.

100 cubic yards of rock excavation.

50 cubic yards of earth excavation.

3 manholes to be built.

3 receiving basins to be built.

150 linear feet of 12-inch vitrified drain pipe furnished and laid.

The time allowed for doing and completing the above work will be thirty-five (35) working days.

The amount of security required will be Six Thousand Dollars ($6,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

23. FOR REGULATING AND PAVING WITH ASPHALT BLOCK ON A CONCRETE FOUNDATION THE ROADWAY OF PARK TERRACE EAST FROM 218TH STREET TO A POINT 100 FEET NORTH OF 215TH STREET AND FOR REGULATING AND PAVING WITH SHEET ASPHALT (HEAVY TRAFFIC MIXTURE) WITH PORTLAND CEMENT FILLER, WITH CLOSE BINDER, ON A CONCRETE FOUNDATION THE ROADWAY OF PARK TERRACE EAST FROM A POINT ABOUT 100 FEET NORTH OF 215TH STREET TO A POINT 100 FEET SOUTH OF 215TH STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

Engineer's estimate of the amount of work to be done:

2,010 square yards of asphalt block pavement.

930 square yards of sheet asphalt pavement.

530 cubic yards of Portland cement concrete, including mortar bed.

100 linear feet of new 5-inch bluestone curbsone, furnished and set.

600 linear feet of old bluestone curbstone, redressed, rejointed and reset.

150 linear feet of new granite headerstone, furnished and set.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

24. FOR REGULATING AND PAVING WITH ASPHALT BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 204TH STREET FROM WEST SIDE SHERMAN AVENUE TO THE EAST SIDE BROADWAY.

Engineer's estimate of the amount of work to be done:

2,900 square yards of asphalt block pavement.

540 cubic yards of Portland cement concrete, including mortar bed.

250 linear feet of new 5-inch bluestone curbstone, furnished and set.

980 linear feet of old bluestone curbstone, redressed, rejointed and reset.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be Two Thousand Five Hundred Dollars ($2,500), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President on or before the time of making his bid, samples, as required by the specifications.

25. FOR REGULATING AND REPAVING WITH WOOD BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 96TH STREET, FROM WEST SIDE 1ST AVENUE TO EAST SIDE 2D AVENUE.

Engineer's estimate of the amount of work to be done:

4,560 square yards of wood block pavement, including mortar bed.

830 cubic yards of Portland cement concrete.

120 linear feet of new granite headerstone, furnished and set.

1,090 linear feet of new 5-inch bluestone curbstone, furnished and set.

270 linear feet of old bluestone curbstone, redressed, rejointed and reset.

10 cubic yards of filling to be furnished.

10 cubic yards of earth excavation.

3 standard heads and covers, complete, for sewer manholes, furnished and set.

The time allowed for doing and completing the above work will be thirty (30)) working days.

The amount of security required will be Four Thousand Dollars ($4,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples, as required by the specifications.

26. FOR REGULATING AND REPAVING WITH WOOD BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY ON 1ST AVENUE FROM SOUTH SIDE 116TH STREET TO NORTH SIDE 117TH STREET BETWEEN CURB AND RAIL AND WITH SPECIAL GRANITE BLOCK PAVEMENT IN AND BETWEEN TRACKS.

Engineer's estimate of the amount of work to be done:

1,630 square yards of wood block pavement, including mortar bed, except the railroad area.

180 square yards of wood block pavement, including mortar bed, in the railroad area (no guarantee).

570 square yards of special granite block pavement in railroad area (no guarantee).

390 cubic yards of Portland cement concrete.

110 linear feet of new granite headerstone, furnished and set.

400 linear feet of new 5-inch bluestone curbstone, furnished and set.

80 linear feet of new 6-inch curved granite curbstone, furnished and set.

120 linear feet of old bluestone curbstone, redressed, rejointed and reset.

20 square yards of sheet asphalt pavement on intersecting streets (no guarantee).

2 standard heads and covers, complete, for sewer manholes, furnished and set.

490 square yards of old stone blocks to be purchased and removed by contractor.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be Three Thousand Dollars ($3,000), and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President on or before the time of making his bid, samples, as required by the specifications.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure or article, by which the bids will be tested. The extensions must be made and footed up.

Blank forms and specifications may be had at the office of the Commissioner of Public Works, 13 to 21 Park row, Bureau of Highways, Room 1611, Borough of Manhattan.

GEORGE McANENY, President.

August 8, 1913. a8,19

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT.

Owners Wanted for Unclaimed Property.

POLICE DEPARTMENT, CITY OF NEW YORK.
OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, No. 240 Centre st., for the following property now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.
OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State st., Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

DEPARTMENT OF DOCKS AND FERRIES.

Proposals.

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock, noon, on

WEDNESDAY, AUGUST 20, 1913.
Borough of Manhattan,
CONTRACT NO. 1388.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING ABOUT 3,000 TONS OF EGG COAL.

The time for the completion of the work and the full performance of the contract is on or before the expiration of one hundred and twenty (120) calendar days.

The amount of security required shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The deposit to accompany bid shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

CHARLES J. FARLEY, First Deputy and Acting Commissioner of Docks.

Dated August 6, 1913. a8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock, noon, on

WEDNESDAY, AUGUST 20, 1913.
CONTRACT NO. 1385.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING ROPE.

The time for the completion of the work and the full performance of the contract is on or before the expiration of ninety (90) calendar days.

The amount of security required shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The security deposit to accompany bid shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder shall state, against such items on which he desires to bed, the unit price for furnishing and delivering the rope called for.

Awards, if made, will be made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained upon personal application at the office of the said Department, or by mail only when request is accompanied by ten (10) cents in stamps to cover postage.

CHARLES J. FARLEY, First Deputy and Acting Commissioner of Docks.

Dated August 6, 1913. a8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH.

Proposals.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m., on

FRIDAY, AUGUST 29, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO REINFORCE AND PAVE WITH STONE THE EXISTING DAM, AND TO DREDGE AND CLEAN THE BOTTOM OF THE PRESENT BEAR SWAMP RESERVOIR, SITUATED UPON THE GROUNDS OF THE TUBERCULOSIS SANATORIUM AT OTISVILLE, ORANGE COUNTY, NEW YORK, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The time for the completion of the work and the full performance of the contract is one hundred and eighty (180) consecutive working days.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract, in an amount equal to fifty (50) per cent. of the contract.

The bid, however, must be accompanied by a deposit of an amount of not less than 2½ per cent. of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Plans may be seen and blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President; JOSEPH J. O'CONNELL, M.D., RHINELANDER WALDO, Board of Health. a19,29

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

Amendment to Rules.

AT A MEETING OF THE BOARD OF Health of the Department of Health, held July 30, 1913, the following rules and regulations for the sale of dipped milk and cream in stores in The City of New York were adopted, to take effect on and after August 26, 1913:

1. Milk and cream shall not be stored, handled or sold in any stable, or in any room used for cooking or domestic purposes, or in any room which communicates directly with any such stable or room, or in any room in which there is a water-closet apartment or with which a water-closet apartment communicates, unless such apartment be enclosed by a vestibule, and both apartment and vestibule be properly ventilated to the external air.

2. The term "domestic purposes" shall be held to apply to rooms used for sleeping purposes or for cooking purposes other than the preparation of the midday meal.

3. Milk or cream shall not be handled or sold in any room which is unduly crowded.

4. Milk or cream shall not be dipped from cans stored in a room in which butter or cheese is manufactured.

5. Milk or cream may be stored in a cooling or refrigerating room, or ice chest, the construction of which has been approved by the Department.

6. No milk or cream shall be dipped from cans stored in a milk booth.

7. Milk shall be kept at a temperature of 50 degrees F., or below, at all times.

Equipment.

1. Rooms in which milk or cream is handled or sold shall be well lighted.

2. The floors, walls and ceilings shall be smooth, and must be kept clean and sanitary.

3. All windows and doors shall be properly screened.

4. An adequate supply of hot water shall be provided for the washing of utensils.

5. A sufficient number of properly constructed ice tubs, or other adequate refrigerating facilities, for cans of milk or cream shall be provided.

6. All utensils used for dipped milk or cream shall be of the seamless sanitary type, heavily tinned.

Methods.

1. No milk or cream shall be dipped from cans stored in any room in which rubbish or dirty material is allowed to accumulate, or in which there are offensive odors.

2. All cans or other receptacles used for milk or cream shall be cleaned thoroughly upon emptying.

3. The cans from which milk or cream is dipped shall be packed in ice, and shall be kept covered at all times, except when the milk or cream is being actually dipped therefrom.

4. After each day's use all utensils shall be thoroughly cleaned with hot water and soda, and then with boiling water.

5. All utensils used for dipped milk or cream shall be kept clean.

6. The ice tubs in which milk or cream is stored shall be painted inside and outside, and shall be kept clean at all times.

7. A separate dipper shall be provided for each can from which the supply is being served, and such dipper shall remain in the can between dippings until all the milk in the can has been disposed of.

8. All goods sold in milk stores must be either in unbroken packages, or must be so placed, protected and handled that no dust or odors therefrom can injuriously affect the milk.

9. Dry sweeping and dusting in rooms in which milk or cream is dispensed is prohibited.

10. The tags on cans of milk or cream must be kept on file in the store for at least two months, for inspection by the Department of Health.

11. The attendants shall wear clean, washable outer clothing.

12. Only such persons shall be employed as are free from infectious disease which may be transmitted in the handling of milk.

Failure to comply with any of the above rules and regulations will be cause for prosecution.

A true copy.

EUGENE W. SCHEFFER, Secretary.
a16,23

AT A MEETING OF THE BOARD OF Health of the Department of Health, held July 30, 1913, the following amendment to the rules and regulations of the Department of Health relating to the sale of milk, in so far as said amendment relates to Grade C, for cooking and manufacturing purposes only, was adopted, to take effect on and after August 26, 1913:

Definition.

Milk not conforming to the requirements of any of the subdivisions of Grade A or Grade B and which has been heated according to the rules and regulations of the Board of Health.

Requirements, Rules and Regulations.

Rules and regulations for the heating of Grade C milk:

No less than 160 degrees F. for at least 2 minutes; no less than 158 degrees F. for at least 3 minutes; no less than 155 degrees F. for at least 5 minutes; no less than 152 degrees F. for at least 10 minutes; no less than 148 degrees F. for at least 15 minutes; no less than 145 degrees F. for at least 18 minutes; no less than 140 degrees F. for at least 20 minutes.

1. The caps of all bottles containing milk of Grade C shall be white and shall contain in red the words "Grade C" in large type and "for cooking" in plainly visible type.

2. Cans containing milk of Grade C shall be painted red on necks or shall have properly sealed metal collar, painted red, on necks, and shall have affixed to them white tags with the words "Grade C, for cooking," printed thereon in red letters in large type.

All creameries handling milk of different grades will be required to demonstrate to the Department of Health that they are capable of keeping the grades separate, and must keep records satisfactory to the Department of Health concerning the amount of milk of each grade handled each day.

A true copy.

EUGENE W. SCHEFFER, Secretary.
a16,23

AT A MEETING OF THE BOARD OF Health of the Department of Health, held July 30, 1913, the following amendment to the rules and regulations of the Department of Health relating to the sale of milk, in so far as said amendment relates to Pasteurization, was adopted, to take effect on and after August 26, 1913:

Pasteurization.

1. Milk which has been subjected to the action of heat, commonly known as "Pasteurization," shall not be held, kept, offered for sale, or sold and delivered in The City of New York unless the receptacle in which the same is contained is plainly labeled "Pasteurized." All milk brought into The City of New York to be Pasteurized and sold for public consumption shall have a tag affixed to each and every can, indicating the grade of the milk, the place of shipment, date of shipment and the words "To be Pasteurized at ——" (stating location of Pasteurizing plant).

A true copy.

EUGENE W. SCHEFFER, Secretary.
a16,23

BOARD OF ASSESSORS.

Completion of Assessments.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved and unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of Manhattan.

3176. Paving and curbing Northern ave., from 181st st to a point 1,092 feet north. The area of assessment extends to within half the block at the intersecting and terminating streets.

3215. Constructing sewers in 217th st., between Park Terrace East and the summit west. Affecting Block No. 2243.

Borough of The Bronx.

3177. Receiving basins at the southeast and southwest corners of Cannon place and W. 238th st., and on the east and west sides of Cannon place, between Giles place and W. 238th st. Affecting Block No. 3258.

3206. Receiving basin at the southwest corner of Fox st. and Longwood ave. Affecting Block No. 2707.

3212. Sewer in Tiffany st., between Whitlock ave. and Garrison ave. Affecting Block Nos. 2731 and 2733.

3214. Sewers in Walker ave., between Westchester square and Overing st.; in Benson ave., between Westchester square and Walker ave.; Overing st., between Westchester ave. and Walker ave.; St. Peters ave., between Westchester ave. and Walker ave.; Rowland st., between Westchester ave. and St. Raymond ave.; Zerega ave., between Westchester ave. and Glebe ave.; Tratman ave., between Zerega ave. and Benson ave.; Frisbie ave., between Zerega and Walker aves.; Glebe ave., between Rowland st. and Overing st.; Maclay ave., between St. Peters ave. and Benson ave. Affecting Block Nos. 3970, 3972 to 3988, 3994, 3999 to 4002, 4076 and 4077.

3237. Regulating, grading and constructing steps in Tiebout ave., between Ford st. and 183d st. Affecting Block Nos. 3030, 3031, 3143 to 3146, 3149 to 3151, 3157 to 3159.

3119. Regulating, grading, curbing and flagging White Plains ave., between Morris Park ave. and Walker ave.

3205. Paving and adjusting curb in Coster st., between Lafayette and Randall aves.

3208. Regulating, grading, curbing, flagging and paving E. 168th st., between Clay and Webster aves.

3209. Paving and curbing Mosholu Parkway South, between Briggs and Van Cortland aves.

3210. Regulating, grading, laying vitrified pipe, etc., in Randall ave., between Leggett ave. and the Bronx River.

3211. Paving and curbing Teller ave., from E. 164th st. to E. 167th st.

3213. Paving and curbing Walton ave., between Fordham road and Burnside ave.

3315. Paving and curbing Commonwealth ave., from Walker ave. to Merrill st.

3317. Paving St. Marys st., between Wales ave. and Southern boulevard, and Wales ave., between St. Marys st. and the Port Morris Railroad.

3236. Regulating, grading, curbing, flagging, etc., Aqueduct Avenue East, from E. 180th st. to E. 184th st. The area of assessment in the above entitled matters extends to within half the block at the intersecting and terminating streets.

Borough of Queens.

3162. Reconstructing sewer in Harris ave., from Van Alst ave. to Crescent st.; sewer in Harris ave., from Crescent st. to Jackson ave.; Jackson ave., from Harris ave. to Purvis st.; Purvis st., from Jackson ave. to Thompson ave. viaduct; under the viaduct to the existing sewer under the property of the Long Island Railroad Company; dry weather flow sewer and storm water relief sewer in Creek st., from Meadow st. to Nott ave.; and a dry weather flow sewer in Nott ave., from Creek st. to a point half way between Mount st. and School st.; storm water relief sewer in Nott ave., from Creek st. to a point about 350 feet east of Creek st.; storm water sewer in Nott ave., from a point half way between Mount st. and School st. to a point 350 feet east of Creek st., and an outlet from this last point to the Dutchkill canal, 1st Ward. Affecting Block Nos. 26, 27, 29, 30, 41 to 47, 58 to 66, 72, 77 to 88, 96 to 111, 114, 115, 117 to 130, 133, 134, 138 to 148, 156 to 166, 170, 172 to 183, 193 to 195, 197, 198, 200, 203, 212 to 221, 223 to 234, 245 to 248, 253 to 258, 263 to 268, 274, 297 to 298, 1st Ward, and Block Nos. 1 to 7, 15, 16, 28, 31, 32, 33, 34, 2d Ward.

All persons whose interests are affected by the above named proposed assessments and who are opposed to the same, or to either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, 320 Broadway, New York, on or before September 16, 1913, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan.

August 16, 1913. a16,27

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved and unimproved lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of Brooklyn.

2643. Regulating, grading, curbing and flagging Atlantic ave., between Berriman st. and the county line.

2959. Regulating, grading, curbing and flagging Barbey st., between Belmont and New Lots aves.

2977. Regulating, grading, curbing, flagging and paving E. 21st st., from Ditmas ave. to Newkirk ave.

2985. Regulating, grading, curbing and flagging 66th st., between 6th and 7th aves. Together with a list of awards for damages caused by a change of grade.

3029. Regulating, grading, curbing and flagging Battery ave., between 92d st. and Warehouse ave. Together with a list of awards for damages caused by a change of grade.

3099. Regulating and grading 68th st., between 11th and 12th aves. Together with a list of awards for damages caused by a change of grade.

3101. Regulating, grading, curbing and flagging 78th st., between 12th and 15th aves.

3227. Paving 72d st., from 14th ave. to New Utrecht ave.

3228. Paving Sullivan st., between Washington and Bedford aves.

3229. Regulating, grading, curbing and flagging 55th st., between 15th and 16th aves.

3230. Paving Humboldt st., between Norman and Meserole aves.

3238. Paving Butler place, between Sterling place and Plaza st.

3239. Paving and curbing E. 17th st., between Avenues I and K.

3245. Paving Avenue C, between E. 3d st. and Gravesend ave.

3248. Paving Sterling place, between Utica and Rochester aves.

The area of assessment extends to within half the block at the intersecting and terminating streets and avenues.

2936. Sewer in President st., from Classon ave. to Bedford ave.; Franklin ave., from President st. to a point about 85 feet south of President st. Affecting Block Nos. 1185, 1186, 1187, 1188, 1273 and 1280.

3243. Sewer in 71st st., between 8th and Fort Hamilton aves. Affecting Block Nos. 5896 and 5901.

3244. Sewers in E. 13th st., E. 14th st. and E. 15th st., each from Avenue K to the sewer summit south of Avenue K. Affecting Block Nos. 6723 to 6726, inclusive.

All persons whose interests are affected by the above named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, 320 Broadway, New York, on or before September 9, 1913, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan.

August 9, 1913. a9,20

BOROUGH OF THE BRONX.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx, at the above office, until 10.30 a. m., on

WEDNESDAY, AUGUST 20, 1913.

No. 1. FOR REPAVING WITH BITUMINOUS CONCRETE ON A CONCRETE FOUNDATION A STRIP 16 FEET WIDE IN THE ROADWAY OF BOSTON ROAD, FROM WHITE PLAINS ROAD TO THE CITY LINE, TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

31,850 square yards completed bituminous concrete pavement, and keeping the pavement in repair for five years from date of acceptance.

5,785 cubic yards Class "B" concrete.

The time allowed for the completion of the work will be sixty (60) consecutive working days.

The amount of security required will be Twenty-eight Thousand Five Hundred Dollars ($28,500).

No. 2. FOR PAVING WITH BITUMINOUS CONCRETE ON A CEMENT CONCRETE FOUNDATION THE ROADWAY OF GARRISON AVENUE, FROM TIFFANY STREET TO HUNTS POINT AVENUE, ADJUSTING THE CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO (PRELIMINARY PAVEMENT).

The Engineer's estimate of the work is as follows:

4,610 square yards completed bituminous concrete pavement, and keeping the pavement in repair for five years from date of acceptance.

530 cubic yards Class "B" concrete.

1,000 linear feet curbstone, adjusted.

The time allowed for the completion of the work will be thirty (30) consecutive working days.

The amount of security required will be Three Thousand Six Hundred Dollars ($3,600).

Blank forms can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office.

THOMAS W. WHITTLE, Acting President.
a9,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

EXAMINING BOARD OF PLUMBERS.

Amendment to Rules.

AT A MEETING OF THE EXAMINING Board of Plumbers held on the 13th day of August, 1913, the following amendments to the rules adopted June 13, 1913, in accordance with the provisions of chapter 755, Laws of 1913, were adopted:

Rule 1. Change—"The Board may refuse to examine persons who do not show that they are qualified to engage in or to conduct the business of master or employing plumber," to

The Board may refuse to admit to the practical and written examinations persons who do not show that they are qualified to engage in or to conduct the business of master or employing plumber.

Rule XI. Rescind.

J. A. GLENDINNING, Secretary.
a19,26,s2,9

DEPARTMENT OF FINANCE.

Confirmation of Assessments.

NOTICE OF ASSESSMENT FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessment for OPENING AND ACQUIRING TITLE to the following named street, in the BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, SECTION 13.

WEST 254TH STREET — OPENING, from Broadway to Fieldston road. Confirmed July 7, 1913; entered August 16, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the westerly line of Newton ave., midway between W. 253d and W. 254th sts. and running thence northwesterly in a straight line to a point on the westerly line of Sylvan ave. distant 100 feet southerly from its intersection with the southerly line of W. 254th st.; thence westwardly and parallel with W. 254th st. and the prolongation thereof as this street is laid out where it adjoins Sylvan ave. to a point distant 100 feet westerly from the westerly line of Fieldston road, the said distance being measured at right angles to Fieldston road; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Fieldston road to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of W. 254th st. and W. 256th st., as these streets are laid out between Valles ave. and Sylvan ave.; thence eastwardly along the said bisecting line to the intersection with the westerly line of Sylvan ave.; thence eastwardly in a straight line to a point on the easterly line of Sylvan ave., where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the centre lines of W. 254th st. and W. 256th st., as these streets are laid out between Newton ave. and Broadway; thence eastwardly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Broadway, the said distance being measured at right angles to Broadway; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Broadway to the intersection with the prolongation of a line midway between W. 253d st. and W. 254th st., as these streets are laid out between Newton ave. and Broadway; thence westwardly along the said line midway between W. 253d st. and W. 254th st. and along the prolongation of the said line to the point or place of beginning.

The above entitled assessment was entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Bergen Building, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before October 15, 1913, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, August 16, 1913. a19,29

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessments for OPENING AND ACQUIRING TITLE to the following named street and avenue in the BOROUGH OF QUEENS:

FIRST WARD.

MADDEN STREET—OPENING, from Skillman ave. to Borden ave. Confirmed July 15, 1913; entered August 16, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the northerly line of Borden ave. where it is intersected by a line midway between Madden st. and Van Buren st., and running thence northwardly along the said line midway between Madden st. and Van Buren st. and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Skillman ave.; thence eastwardly and parallel with Skillman ave. to the intersection with the prolongation of a line midway between Madden st. and Laurel Hill ave.; thence southwardly along the said line midway between Madden st. and Laurel Hill ave. and along the prolongation of the said line to the northerly line of Borden ave.; thence southwardly at right angles to Borden ave. a distance of 180 feet; thence westwardly parallel with and always distant 100 feet southerly from the southerly line of Borden ave. to the intersection with a line at right angles to Borden ave. and passing through the point of beginning; thence northwardly along the said line at right angles to Borden ave. to the point or place of beginning.

SECOND WARD.

WYCKOFF AVENUE — OPENING, from Brooklyn Borough line to Moffatt st. Confirmed May 7, 1913; entered August 16, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point where the southwesterly line or side of Wyckoff ave. is intersected by the line dividing the Boroughs of Brooklyn and Queens; thence southeasterly along said line dividing the Boroughs of Brooklyn and Queens to a point therein which will be 320 feet distant southwesterly from the southwesterly line or side of Wyckoff ave., measured along a line drawn at right angles therewith; thence southeasterly and at all times parallel with the southwesterly side or line of Wyckoff ave. and 320 feet distant therefrom to the northerly line or side of old Cooper ave.; thence easterly along the northerly side or line of old Cooper ave. to a point in the northerly line or side of old Cooper ave. 410 feet easterly from the intersection of the northeasterly line or side of Wyckoff ave. with the northerly line or side of old Cooper ave. or Alden ave.; thence northwesterly to a point on the northwesterly line or side of Cooper st., which last mentioned point is distant northeasterly 470 feet, measured along a line drawn at right angles with and from the northeasterly line or side of Wyckoff ave.; thence northwesterly and at all times parallel with the northeasterly line or side of Wyckoff ave. and 470 feet distant therefrom, to the southerly side or line of Myrtle ave.; thence westerly along the southerly side of Myrtle ave. to the intersection of the southerly side of Myrtle ave. with the southeasterly line or side of Woodbine st.; thence southwesterly along the southeasterly line or side of Woodbine st. to the line dividing the Boroughs of Brooklyn and Queens, and thence southeasterly along the line dividing the Boroughs of Brooklyn and Queens to the point or place of beginning.

The above entitled assessments were entered on the day hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before October 15, 1913, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, August 16, 1913. a19,29

NOTICE OF ASSESSMENT FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following named Park in the BOROUGH OF MANHATTAN:

TWELFTH WARD, SECTION 7.

PUBLIC PARK—OPENING, bounded by W. 137th st., Edgecombe ave. and St. Nicholas ave. Confirmed July 22, 1913; entered August 16, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the north by a line midway between W. 137th st. and W. 138th st. and by the prolongation of the said line; on the east by a line midway between Edgecombe ave. and 8th ave.; on the south by a line midway between W. 135th st. and W. 136th st. and by the prolongation of the said line, and on the west by a line distant 100 feet westerly from and parallel with the westerly line of St. Nicholas ave., the said distance being measured at right angles to St. Nicholas ave.

The above entitled assessment was entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for

the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides, in part: "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act." * * *

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before October 15, 1913, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum, from the date when above assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance
Comptroller's Office, August 16, 1913. a19,29

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessment for OPENING AND ACQUIRING TITLE to the following named streets in the BOROUGH OF BROOKLYN:

TWENTY-SEVENTH WARD, SECTION 11.

OPENING AND EXTENDING of the TRIANGLE PUBLIC PLACE bounded by Bushwick ave., Myrtle ave. and Willoughby ave. Confirmed May 14, 1913, and June 25, 1913; entered August 11, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows:

Beginning at a point on a line distant 100 feet northeasterly from and parallel with the northeasterly line of Bushwick ave., the said distance being measured at right angles to Bushwick ave. where it is intersected by the prolongation of a line midway between Jefferson st. and Troutman st. as these streets are laid out westerly from Bushwick ave., and running thence southeastwardly along the said line parallel with Bushwick ave. to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Myrtle ave., the said distance being measured at right angles to Myrtle ave.; thence eastwardly along the said line parallel with Myrtle ave. to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Willoughby ave., the said distance being measured at right angles to Willoughby ave.; thence northeastwardly along the said line parallel with Willoughby ave. to the intersection with a line at right angles to Willoughby ave., and passing through a point on its southeasterly side where it is intersected by a line at right angles to Myrtle ave., and passing through a point on the southerly side of Myrtle ave. where it is intersected by a line midway between Willoughby ave. and Suydam st.; thence southeastwardly along the said line at right angles to Willoughby ave. to its southeasterly side; thence southwardly along the said line at right angles to Myrtle ave. to its southerly side; thence southwestwardly along the said line midway between Willoughby ave. and Suydam st. to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of Bushwick ave., the said distance being measured at right angles to Bushwick ave.; thence southeastwardly along the said line parallel with Bushwick ave. to the intersection with a line midway between Suydam st. and Hart st.; thence southwestwardly and always midway between Suydam st. and Hart st. to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Bushwick ave., the said distance being measured at right angles to Bushwick ave.; thence northwestwardly along the said line parallel with Bushwick ave. to the intersection with a line midway between Willoughby ave. and Suydam st.; thence southwestwardly along the said line midway between Willoughby ave. and Suydam st. to the intersection with a line midway between Bushwick ave. and Broadway as these streets adjoin Willoughby ave.; thence northwestwardly along the said line midway between Bushwick ave. and Broadway and along the prolongation of the said line to the intersection with the prolongation of a line midway between Troutman st. and Ditmars st.; thence northeastwardly along the said line midway between Troutman st. and Ditmars st. and along the prolongation of the said line to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Bushwick ave., the said distance being measured at right angles to Bushwick ave.; thence northwestwardly along the said line parallel with Bushwick ave. to the intersection with a line midway between Jefferson st. and Troutman st.; thence northeastwardly along the said line midway between Jefferson st. and Troutman st. and along the prolongation of the said line to the point or place of beginning.

—that the above entitled assessment was entered on the day hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before October 14, 1913, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, August 13, 1913. a16,27

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessments for OPENING AND ACQUIRING TITLE to the following named street and avenue in the BOROUGH OF QUEENS:

SECOND WARD.

STARR STREET—OPENING, from Brooklyn Borough line to Metropolitan ave. Confirmed April 19, 1913; entered August 13, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point formed by the intersection of the Brooklyn Borough line with the easterly line of Trautman st., and running thence northeasterly along said easterly line of Trautman st. and the northeasterly prolongation of the same to its intersection with a line parallel to and distant one hundred (100) feet northerly from the northerly line of Metropolitan ave.; thence easterly along said parallel line to its intersection with the northeasterly prolongation of the westerly line of Willoughby ave.; thence southwesterly along said last mentioned prolongation and westerly line of Willoughby ave. to its intersection with the Brooklyn Borough line; thence northwesterly along said Brooklyn Borough line to the point or place of beginning.

THIRD WARD.

PARSONS AVENUE — OPENING, from Queens ave. to Rose st. Confirmed June 13, 1913; entered August 13, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of a line midway between Parsons ave. and Bowne ave., as these streets are laid out between Oak ave. and Rose st., distant 100 feet southeasterly from the southeasterly line of Rose st., and running thence northwestwardly along the said line midway between Parsons ave. and Bowne ave. and along the prolongations of the said line to a point distant 100 feet northwesterly from the northwesterly line of Oak ave.; thence northeastwardly and parallel with Oak ave. to a point distant 100 feet westerly from the westerly line of Parsons ave., the said distance being measured at right angles to Parsons ave.; thence northwardly and parallel with Parsons ave. to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the westerly line of Parsons ave. and the easterly line of Burling ave., as these streets are laid out between Jasmine st. and Kalmia st.; thence northwardly along the said bisecting line to the intersection with the southeasterly line of Queens ave.; thence northwestwardly at right angles to Queens ave. a distance of 160 feet; thence northeastwardly and parallel with Queens ave. to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Queens ave. as laid out east of Parsons ave., the said distance being measured at right angles to Queens ave.; thence eastwardly along the said line parallel with Queens ave. to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Parsons ave. and Dutchess st. as these streets are laid out between Jasmine st. and Kalmia st.; thence southwardly along the said bisecting line to a point distant 100 feet easterly from the easterly line of Parsons ave., the said distance being measured at right angles to Parsons ave.; thence southwardly along a line always distant 100 feet easterly from and parallel with the easterly line of Parsons ave. to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Parsons ave. and Oak ave. as these streets are laid out between Quince st. and Rose st.; thence southeastwardly along the said bisecting line to the intersection with the northwesterly line of Rose st.; thence southeastwardly at right angles to Rose st. a distance of 160 feet; thence southwestwardly and parallel with Rose st. to the point or place of beginning.

The above entitled assessments were entered on the day hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before October 14, 1913, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when the above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, August 13, 1913. a16,27

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears, of assessments for OPENING AND ACQUIRING TITLE to the following named streets in the BOROUGH OF BROOKLYN.

THIRTEENTH AND NINETEENTH WARDS, SECTION 8.

ROEBLING STREET, as widened, from Broadway to Division ave.; THE PUBLIC PLACE, bounded by the easterly side of Roebling street extended southerly in a direct line to the northeasterly line of Lee ave., Lee ave. and Division ave.; and TAYLOR STREET, as widened, from Lee ave. to Bedford ave. Confirmed June 30, 1913; entered August 6, 1913. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the southerly line of Broadway where it is intersected by a line midway between Roebling st. and Driggs ave., and running thence eastwardly along the southerly line of Broadway to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the easterly line of Roebling st. and the westerly line of Havemeyer st. as these streets are laid out between Broadway and S. 9th st.; thence southwardly along the said bisecting line to the intersection with a line midway between Roebling st. and Havemeyer st. as these streets are laid out immediately adjoining Division ave.; thence southwardly along the said line midway between Roebling st. and Havemeyer st. and along the prolongation thereof to the intersection with the prolongation of a line midway between Taylor st. and Wilson st. as these streets are laid out between Bedford and Lee aves.; thence southwestwardly along the said line midway between Taylor and Wilson sts. and along the prolongation thereof to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Bedford ave., the said distance being measured at right angles to Bedford ave.; thence northwestwardly along the said line parallel with Bedford ave. to the intersection with a line midway between Taylor and Clymer sts.; thence northeastwardly along the said line midway between Taylor and Clymer sts. to the intersection with the prolongation of a line midway between Roebling st. and Driggs ave.; thence northwardly along the said line midway between Roebling st. and Driggs ave. and along the prolongation thereof to the point or place of beginning.

That the above entitled assessments were entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1006 of the Greater New York Charter.

Said section provides in part: "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before October 6, 1913, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, August 6, 1913. a9,20

Corporation Sales of Real Estate.

CORPORATION SALE OF REAL ESTATE.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

MONDAY, AUGUST 25, 1913.

at 12 o'clock m., at Room K, No. 280 Broadway, Borough of Manhattan, all that certain piece or parcel of land situate, lying and being at Towners, Town of Patterson, County of Putnam, State of New York, bounded and described as follows:

Beginning at a point in the westerly line of that parcel of land conveyed by James Towner and wife to the New York & Harlem Railroad Company by deed dated August 3, 1848, recorded in the office of the Clerk of said county, in Liber U of Deeds, page 456, and in the southerly line of the road or highway known as Towners Station road, said point of beginning being distant 45 feet at right angles from the monumented centre line of the New York & Harlem Railroad; and running thence south 1 degree 37 minutes 40 seconds east along the westerly line of said parcel of land conveyed by the aforesaid deed 80.31 feet to a corner or angle distant 38 feet at right angles from said centre line; thence south 3 degrees 22 minutes 20 seconds west, continuing along the westerly line of said parcel of land conveyed by the aforesaid deed 409.92 feet, more or less, to land owned or occupied by the New York, New Haven & Hartford Railroad Company; thence along said land by the following courses and distances: North 88 degrees and 19 minutes west 49.62 feet; north 21 degrees 10 minutes and 30 seconds west 399.33 feet; north 3 degrees 03 minutes and 20 seconds east 75.18 feet; south 75 degrees 29 minutes and 50 seconds west 30.87 feet; north 21 degrees 10 minutes and 30 seconds west 151.56 feet to the southerly line of said road or highway; thence along the southerly line of said road or highway by the following courses and distances: South 62 degrees .08 minutes and 30 seconds east 0.71 of a foot; south 62 degrees 28 minutes and 10 seconds east 75.67 feet; south 59 degrees .09 minutes and .05 seconds east 76.47 feet; south 84 degrees 16 minutes and 40 seconds east 128.05 feet; south 80 degrees 46 minutes and 40 seconds east 32.85 feet; south 81 degrees 38 minutes and 30 seconds east 3.11 feet to the place of beginning. Containing 1.92 acres of land, more or less.

The minimum or upset price at which said land shall be sold is hereby appraised and fixed at Twenty-five Hundred Dollars ($2,500), plus the cost of advertising the sale. The sale to be made upon the following

TERMS AND CONDITIONS:

The highest bidder will be required to pay 10 per cent. of the amount of his bid, together with the auctioneer's fees, at the time of the sale, the balance to be paid upon the delivery of the deed, which shall be within thirty (30) days from the date of the sale.

The Comptroller may, at his option, resell the property if the successful bidder shall fail to comply with the terms of the sale, and the person so failing to comply therewith will be held liable for any deficiency which may result from such resale.

The right is reserved to the Comptroller to reject any and all bids, and also to cancel and annul any accepted bid at any time before delivery of deed.

The deed so delivered shall be one of bargain and sale, without covenants.

Maps of said real estate may be seen on application at the Comptroller's office, Stewart Building, No. 280 Broadway, Borough of Manhattan.

By order of the Commissioners of the Sinking Fund under resolution adopted at meeting of the Board held June 25, 1913.

DOUGLAS MATHEWSON, Acting Comptroller, City of New York.

Department of Finance, Comptroller's Office, August 7, 1913. a8,25

Interest on City Bonds and Stock

THE INTEREST DUE ON SEPTEMBER 1, 1913, on Registered Bonds and Stock of The City of New York, and of former corporations now included therein, will be paid on that day by the Comptroller at his office (Room 85) in the Stewart Building, corner of Broadway and Chambers st., in the Borough of Manhattan.

The coupons that are payable in New York, London or Paris for the interest due September 1, 1913, on Corporate Stock of The City of New York will be paid on that day, at the option of the holders thereof, at the office of the Guaranty Trust Co., 140 Broadway, New York City, or at the office of Messrs. Seligman Bros., 18 Austin Friars, London, E. C., England.

The coupons that are payable on September 1, 1913, for interest on bonds of former corporations, now included in The City of New York, will be paid on that day at the office of the said Guaranty Trust Co.

The books for the transfer of bonds and stock on which interest is payable on September 1, 1913, will be closed from August 15 to September 1, 1913.

WM. A. PRENDERGAST, Comptroller.
City of New York, Department of Finance, Comptroller's Office, July 31, 1913. a1,s1

Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY COMpanies will be accepted as sufficient upon the following contracts to the amounts named:

Supplies of Any Description, Including Gas and Electricity.

One company on a bond up to $50,000.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Construction.

One company on a bond up to $25,000.

Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Asphalt, Asphalt Block and Wood Block Pavements.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated September 16, 1907.

Dated January 3, 1910.

WILLIAM A. PRENDERGAST, Comptroller.

Sales of Tax Liens.

NOTICE OF CONTINUATION OF THE BRONX TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of the sale of December 16, 1912, January 6, January 27, February 17, March 10, March 31, April 21, May 12, June 9, June 23, July 7, July 21 and August 18, 1913, has been continued to

MONDAY, AUGUST 25, 1913.

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time on the 4th floor of the Bergen Building, corner of Arthur and Tremont aves., Borough of The Bronx, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.
Dated August 18, 1913. a19,25

NOTICE OF CONTINUATION OF RICHMOND TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Richmond, as to liens remaining unsold at the termination of the sale of November 13, December 4, 1912, January 8, January 29, February 19, March 12, April 2, April 23, May 14, June 11, July 16 and August 6, 1913, has been continued to

WEDNESDAY, SEPTEMBER 10, 1913.

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in Room 129, in the Borough Hall, New Brighton, Borough of Richmond.

Dated August 6, 1913.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. a8,s10

NOTICE OF CONTINUATION OF QUEENS TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Queens, 2d Ward, as to liens remaining unsold at the termination of the sales of October 29, November 19, December 10 and 31, 1912, January 21, February 11, March 4, March 25, April 15, May 6, May 27, June 17 and July 22, 1913, has been continued to

MONDAY, AUGUST 25, 1913.

at 10 o'clock a. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Arrears Office, third floor, Municipal Building, Court House square, Long Island City, in the Borough of Queens, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.
Dated July 22, 1913. jy23,a25

Notice of Sale of Tax Liens of the City of New York, for Unpaid Taxes, Water Rents and Assessments for Local Improvements upon Lands and Tenements within that part of the City of New York now known and described as the Borough of Brooklyn, affecting property in Sections 1 to 13 inclusive, as shown on the Tax Map of said City for said Borough of Brooklyn.

THE CITY OF NEW YORK, DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS, STEWART BUILDING, 280 BROADWAY, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

UNDER THE DIRECTION OF HON. WILLIAM A. PRENDERGAST, COMPTROLLER OF

The City of New York, I, Daniel Moynahan, Collector of Assessments and Arrears, hereby give public notice, pursuant to the provisions of chapter 17, title 5, of the Greater New York Charter:

That the respective owners of lands and tenements in the Borough of Brooklyn, in The City of New York, as said lands and tenements are shown within sections one to thirteen, inclusive, upon the Tax Map of said City for said borough, on which any taxes or any assessment for local improvements have been imposed and become a lien and have remained unpaid for three years since the same were due and payable, or on which any water rent has been imposed and become a lien and has remained due and unpaid for four years since the same was due and payable are required to pay the amount of said taxes, assessments and water rents, together with all unpaid taxes, water rents and assessments affecting such lands and tenements which became a lien and were due and payable prior to April 11, 1913 (the taxes, water rents and assessments for local improvements required to be paid, thus comprising all unpaid taxes and water rents affecting said properties contained in assessment rolls down to and including the assessment roll of The City of New York for the year 1912 and all assessments for local improvements affecting said properties confirmed and entered up to April 1, 1913, inclusive), with all penalties thereon remaining unpaid, together with the interest thereon at the rate provided by law from the time the same became liens so as to be due and payable to the date of payment and the charges of this notice and advertisement to the Collector of Assessments and Arrears, at his office in the Mechanics Bank Building, 215 Montague st., Borough of Brooklyn, New York City.

AND NOTICE IS HEREBY GIVEN that if default be made in such payment the lien of The City of New York upon any of said lands and tenements for any tax, assessment or water rent which became a lien so as to be due and payable before April 11, 1913, will be sold at public auction in Room 2, in the basement of the Borough Hall, Borough of Brooklyn, in The City of New York, on

WEDNESDAY, OCTOBER 15, 1913.

at 2 o'clock in the afternoon of that day for the lowest rate of interest, not exceeding 12 per centum per annum, at which any person or persons shall offer to take the same in consideration of advancing the said taxes, water rents and assessments and penalties, as the case may be, and interest thereon as aforesaid to the time of sale, the charges of notice and advertisement and all other costs and charges accrued thereon; and that such sale will be continued from time to time until all said liens for taxes, water rents and assessments for local improvements so advertised for sale affecting such lands and tenements shall be sold.

The transfer of tax lien to be executed and delivered to the purchaser thereof pursuant to the terms of said sale shall be subject to the lien for and the right of The City of New York to collect and receive all taxes, water rents and assessments for local improvements and penalties and interest thereon which accrued and became a lien, or which shall accrue and become a lien upon said premises so as to be due and payable on and after the date of the first advertisement of said sale as stated herein, namely, the 11th day of April, 1913 (i. e., the lien for and right of The City of New York to collect and receive all taxes and water rents, included in the assessment rolls of The City of New York for the years subsequent to 1912, and assessments for local improvements entered subsequent to April 1, 1913).

NOTICE IS HEREBY FURTHER GIVEN that a particular and detailed statement of the property affected showing section or ward, block and lot number thereof as the same may be on the Tax Map of The City of New York for the Borough of Brooklyn, and the tax liens thereon which are to be sold, is published in a pamphlet and that copies thereof are deposited in the offices of the Collector of Assessments and Arrears in the Boroughs of Brooklyn and Manhattan, and will be delivered to any person applying for the same.

DANIEL MOYNAHAN, Collector of Assessments and Arrears of The City of New York.
Dated New York, April 11, 1913. j17,24,jy1,8,15,22,29,a5,12,19,26,s2,9,16

Notice of Sale of Tax Liens of the City of New York, for Unpaid Taxes, Water Rents and Assessments for Local Improvements upon Lands and Tenements within that part of the City of New York now known and described as the Borough of the Bronx.

THE CITY OF NEW YORK, DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS, STEWART BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

UNDER THE DIRECTION OF HON. WILLIAM A. PRENDERGAST, COMPTROLLER OF THE City of New York, I, Daniel Moynahan, Collector of Assessments and Arrears, hereby give public notice, pursuant to the provisions of chapter 17, title 5, of the Greater New York Charter

That the respective owners of the lands and tenements in the Borough of The Bronx, in The City of New York, as said lands and tenements are shown upon the Tax Map of said City for said Borough, on which any taxes or any assessment for local improvements have been imposed and become a lien and have remained unpaid for three years since the same were due and payable, or on which any water rent has been imposed and become a lien and has remained due and unpaid for four years since the same was due and payable are required to pay the amount of said taxes, assessments and water rents, together with all unpaid taxes, water rents and assessments affecting such lands and tenements which became a lien and were due and payable prior to April eleventh, nineteen hundred and thirteen (the taxes, water rents and assessments for local improvements required to be paid, thus comprising all unpaid taxes and water rents, affecting said properties contained in assessment rolls down to and including the assessment roll of The City of New York for the year nineteen hundred and twelve and all assessments for local improvements affecting said properties confirmed and entered up to April first, nineteen hundred and thirteen, inclusive), with all penalties thereon remaining unpaid, together with the interest thereon at the rate of seven per centum per annum from the time the same became liens so as to be due and payable to the date of payment and the charges of this notice and advertisement to the Collector of Assessments and Arrears, at his office in the Bergen Building, corner of Arthur and Tremont aves., Borough of The Bronx New York City.

AND NOTICE IS HEREBY GIVEN that if default be made in such payment the lien of The City of New York upon any of said lands and tenements for any tax, assessment or water rent which became a lien so as to be due and payable before April eleventh, nineteen hundred and thirteen, will be sold at public auction in the office of the Bureau for the Collection of Assessments and Arrears, fourth floor, Bergen Building, corner Arthur and Tremont aves., Borough of The Bronx, in The City of New York, on

MONDAY, SEPTEMBER 15, 1913.

at two o'clock in the afternoon of that day, for the lowest rate of interest, not exceeding twelve per centum per annum, at which any person or persons shall offer to take the same in consideration of advancing said taxes, water rents and assessments and penalties, as the case may be, and interest thereon as aforesaid to the time of sale, the charges of notice and advertisement and all other costs and charges accrued thereon; and that such sale will be continued from time to time until all said liens for taxes, water rents and assessments for local improvements so advertised for sale affecting such lands and tenements shall be sold.

The transfer of tax lien to be executed and delivered to the purchaser thereof pursuant to the terms of said sale shall be subject to the lien for and the right of The City of New York to collect and receive all taxes, water rents and assessments for local improvements and penalties and interest thereon which accrued and became a lien, or which shall accrue and become a lien upon said premises so as to be due and payable on and after the date of the first advertisement of said sale as stated herein, namely, the eleventh day of April, nineteen hundred and thirteen (i. e., the lien for and right of The City of New York to collect and receive all taxes and water rents, included in the assessment rolls of The City of New York for the years subsequent to nineteen hundred and twelve, and assessments for local improvements entered subsequent to April first, nineteen hundred and thirteen.

NOTICE IS HEREBY FURTHER GIVEN that a particular and detailed statement of the property affected showing section or ward, block and lot number thereof as the same may be on the Tax Map of The City of New York for the Borough of The Bronx and the tax liens thereon which are to be sold, is published in a pamphlet and that copies thereof are deposited in the offices of the Collector of Assessments and Arrears in the Boroughs of The Bronx and Manhattan and will be delivered to any person applying for the same.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.
Dated New York, April 11, 1913. j3,10,17,24jy1,8,15,22,29A5.12,19,26S2,9

Notice of Sale of Tax Liens of the City of New York, for Unpaid Taxes, Water Rents and Assessments for Local Improvements upon Lands and Tenements within that part of the City of New York now known and described as the Borough of Manhattan.

THE CITY OF NEW YORK, DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS, STEWART BUILDING, 280 BROADWAY, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

UNDER THE DIRECTION OF HON. WILLIAM A. PRENDERGAST, COMPTROLLER OF THE City of New York, I, Daniel Moynahan, Collector of Assessments and Arrears, hereby give public notice, pursuant to the provisions of chapter 17, title 5, of the Greater New York Charter

That the respective owners of the lands and tenements in the Borough of Manhattan, in The City of New York, as said lands and tenements are shown upon the Tax Map of said City for said Borough, on which any taxes or any assessment for local improvements have been imposed and become a lien and have remained unpaid for three years since the same were due and payable, or on which any water rent has been imposed and become a lien and has remained due and unpaid for four years since the same was due and payable are required to pay the amount of said taxes, assessments and water rents, together with all unpaid taxes, water rents and assessments affecting such lands and tenements which became a lien and were due and payable prior to April eleventh, nineteen hundred and thirteen (the taxes, water rents and assessments for local improvements required to be paid, thus comprising all unpaid taxes and water rents, affecting said properties contained in assessment rolls down to and including the assessment roll of The City of New York for the year nineteen hundred and twelve and all assessments for local improvements affecting said properties confirmed and entered up to April first, nineteen hundred and thirteen, inclusive), with all penalties thereon remaining unpaid, together with the interest thereon at the rate of seven per centum per annum from the time the same became liens so as to be due and payable to the date of payment and the charges of this notice and advertisement to the Collector of Assessments and Arrears, at his office in the Stewart Building, 280 Broadway, Borough of Manhattan, New York City.

AND NOTICE IS HEREBY GIVEN that if default be made in such payment the lien of The City of New York upon any of said lands and tenements for any tax, assessment or water rent which became a lien so as to be due and payable before April eleventh, nineteen hundred and thirteen, will be sold at public auction in the Aldermanic Chamber, in the City Hall, Borough of Manhattan, in The City of New York, on

THURSDAY, SEPTEMBER 4, 1913.

at two o'clock in the afternoon of that day, for the lowest rate of interest, not exceeding twelve per centum per annum, at which any person or persons shall offer to take the same in consideration of advancing said taxes, water rents and assessments and penalties, as the case may be, and interest thereon as aforesaid to the time of sale, the charges of notice and advertisement and all other costs and charges accrued thereon; and that such sale will be continued from time to time until all said liens for taxes, water rents and assessments for local improvements so advertised for sale affecting such lands and tenements shall be sold.

The transfer of tax lien to be executed and delivered to the purchaser thereof pursuant to the terms of said sale shall be subject to the lien for and the right of The City of New York to collect and receive all taxes, water rents and assessments for local improvements and penalties and interest thereon which accrued and became a lien, or which shall accrue and become a lien upon said premises so as to be due and payable on and after the date of the first advertisement of said sale as stated herein, namely, the eleventh day of April, nineteen hundred and thirteen (i. e., the lien for and right of The City of New York to collect and receive all taxes and water rents, included in the assessment rolls of The City of New York for the years subsequent to nineteen hundred and twelve, and assessments for local improvements entered subsequent to April first, nineteen hundred and thirteen.

NOTICE IS HEREBY FURTHER GIVEN that a particular and detailed statement of the property affected showing section or ward, block and lot number thereof as the same may be on the Tax Map of The City of New York for the Borough of Manhattan and the tax liens thereon which are to be sold, is published in a pamphlet and that copies thereof are deposited in the offices of the Collector of Assessments and Arrears in the Borough of Manhattan and will be delievered to any person applying for the same.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.
Dated New York, April 11, 1913. j3,10,17,24,jy1,8,15,22,29A5,12,19,26S2

COMMISSIONERS OF SINKING FUND.

Notice of Public Hearing.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund, in accordance with the provisions of chapter 372 of the Laws of 1907, will hold a public hearing in Room 16, City Hall, Borough of Manhattan, at 11 o'clock in the forenoon, on Wednesday, September 17, 1913, relative to the amendment to the new plan for the improvement of the waterfront between Wall street and Maiden lane, on the East River., Borough of Manhattan, made and adopted by the Commissioner of Docks, in accordance with law, June 24, 1913, and transmitted to the Commissioners of the Sinking Fund for approval.

The following is a technical description of the proposed amendment:

The proposed amendment to the new plan consists in the establishment of areas for the lateral extensions to Piers 13 and 14, as follows:

Lateral Extension to Pier 13—Beginning at a point in the bulkhead line established by the Board of Docks October 26, 1900, where the same is intersected by the easterly side of Pier 13, running thence easterly along said established bulkhead line to the centre line of the slip between Piers 13 and 14; thence southerly along the centre of the slip 50 feet; thence westerly and parallel with said established bulkhead line 97.44 feet to the easterly side of Pier 13; thence northerly and along the easterly side of Pier 13 to the point or place of beginning.

Lateral Extension to Pier 14—Beginning at a point in the bulkhead line established by the Board of Docks October 26, 1900, where the same is intersected by the westerly line of Pier 14, running thence southerly along the westerly side of Pier 14 50 feet; thence westerly and along a line parallel with the aforesaid bulkhead line a distance of 97.43 feet to the centre line of the slip between Piers 13 and 14; thence northerly and along said centre line of the slip 50 feet to the aforesaid bulkhead line; thence easterly and along the said bulkhead line to the point or place of beginning.

W. J. GAYNOR, Chairman, Commissioners of the Sinking Fund. a18,23

DEPARTMENT OF BRIDGES.

Proposals.

DEPARTMENT OF BRIDGES, MUNICIPAL BUILDING, BOROUGH OF MANHATTN, CITY OF NEW YORK.

SEALED BIIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, AUGUST 21, 1913.

FOR REPAIRS TO ASPHALT PAVEMENTS ON THE BRIDGES OVER THE HARLEM RIVER.

The repairs shall be made from time to time as required and the contract completed on or before December 31, 1913.

In case the contractor shal fail to make any repairs within ten days, Sundays and holidays excluded, after he has been notified that they will be required, then he shall pay to The City of New York as liquidated damages for such delay the sum of Ten Dollars ($10) for each and every day until the repairs are made.

The amount of security to guarantee the faithful performance of the work will be Six Hundred Dollars ($600).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.
Dated, August 7, 1913. a9,21

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION

Proposals.

DEPARTMENT OF CORRECTION, No. 148 E. 20TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m., on

TUESDAY, AUGUST 26, 1913.

No. 1. FOR FURNISHING AND DELIVERING ANTHRACITE COAL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before March 31, 1914.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

Bids must be made in duplicate, each in a separate envelope. No bids will be received unless this provision is complied with.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be compared and the contract awarded at a lump or aggregate sum for all the items to the bidder whose bid is lowest upon the total.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

PATRICK A. WHITNEY, Commissioner.
Dated August 11, 1913. a14,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m., on

TUESDAY, AUGUST 26, 1913.

No. 1. FOR FURNISHING AND DELIVERING HARDWARE, PAINTS, IRON, STEAMFITTINGS, LUMBER AND MISCELLANEOUS ARTICLES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1913.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the totals and awards made to the lowest bidder on each item. The bids on lumber will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

PATRICK A. WHITNEY, Commissioner.
Dated August 11, 1913. a14,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD OF WATER SUPPLY.

Proposals.

SEALED BIDS WILL BE RECEIVED BY the Board of Water Supply, at its offices, 7th floor, 165 Broadway, New York, until 11 a. m., on

TUESDAY, SEPTEMBER 2, 1913.

FOR CONTRACT 56.

FOR INSTALLING A HYDRO-ELECTRIC POWER EQUIPMENT, APPROXIMATELY 250 K.W. CAPACITY, AT THE LOWER GATE AND SCREEN CHAMBERS OF ASHOKAN RESERVOIR, IN THE TOWN OF OLIVE, ULSTER COUNTY, NEW YORK.

A statement of the work required and further information are given in the Information for Bidders, forming part of the contract. At the above place and time bids will be publicly opened and read. The award of the contract, if awarded, will be made by the Board as soon thereafter as practicable. The Board reserves the right to reject any and all bids.

A bond in the sum of Seven Thousand Dollars ($7,000) will be required for the faithful performance of the contract.

No bid will be received and deposited unless accompanied by a certified check upon a National or State bank, drawn to the order of the Comptroller of The City of New York to the amount of Five Hundred Dollars ($500).

Time allowed for the completion of the work is four months from the service of notice by the Board to begin work.

Pamphlets containing information for bidders, forms of proposal, contract, specifications, contract drawings, etc., can be obtained at the above address upon application in person or by mail, by depositing the sum of ten dollars ($10) in currency, or check drawn to the order of the Board of Water Supply, for each pamphlet. This deposit will be refunded upon the return of the pamphlets in acceptable condition within thirty days from the date on which bids are to be opened.

CHARLES STRAUSS, President; CHARLES N. CHADWICK, JOHN F. GALVIN, Commissioners of the Board of Water Supply.

JOSEPH P. MORRISSEY, Secretary.

Note—See general instructions to bidders on last page, last column of the CITY RECORD, so far as applicable hereto, and not otherwise provided for. a7,8,9,14tos2

SEALED BIDS WILL BE RECEIVED BY the Board of Water Supply, at its offices, 7th floor, 165 Broadway, New York, until 11 a. m., on

TUESDAY, SEPTEMBER 2, 1913.

FOR CONTRACT 153.

FOR FURNISHING AND DELIVERING A COMPLETE PORTABLE POWER PLANT, CONSISTING OF A GASOLENE OR OIL DRIVEN MOTOR - GENERATOR SET, A SWITCHBOARD AND ONE MOTOR-DRIVEN AIR-COMPRESSOR, AT A DESIGNATED LOCALITY ALONG THE LINE OF CATSKILL AQUEDUCT.

A statement of the work required and further information are given in the Information for Bidders, forming part of the contract. At the above place and time bids will be publicly opened and read. The award of the contract, if awarded, will be made by the Board as soon thereafter as practicable. The Board reserves the right to reject any and all bids.

A bond in the sum of Two Thousand Dollars ($2,000) will be required for the faithful performance of the contract.

No bid will be received and deposited unless accompanied by a certified check upon a National or State bank, drawn to the order of The Comptroller of The City of New York to the amount of Five Hundred Dollars ($500).

Time allowed for the completion of the work is two months from the service of notice by the Board to begin work.

Pamphlets containing information for bidders, forms of proposal and contract, specifications, etc., can be obtained at the above address upon application in person or by mail by depositing the sum of five dollars ($5) in currency, or check drawn to the order of the Board of Water Supply for each pamphlet. This deposit will be refunded upon the return of the pamphlets in acceptable condition within thirty days from the date on which bids are to be opened.

CHARLES STRAUSS, President; CHARLES N. CHADWICK, JOHN F. GALVIN, Commissioners of the Board of Water Supply.

JOSEPH P. MORRISSEY, Secretary.

Note—See general instructions to bidders on last page, last column of the CITY RECORD, so far as applicable hereto, and not otherwise provided for. a7,8,9,14tos2

BOROUGH OF BROOKLYN.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office, until 11 o'clock a. m., on

WEDNESDAY, AUGUST 27, 1913.

ELECTRIC WORK REQUIRED IN MAKING ALTERATIONS AT VARIOUS OFFICES IN BOROUGH HALL BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for doing and completing the work and full performance of the contract is thirty (30) consecutive working days.

The amount of security required will be Eleven Hundred Dollars ($1,100).

The bidder will state the price for the work complete and the contract will be awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and plans and drawings may be seen at the office of the Bureau of Public Buildings and Offices, Room 29, Municipal Building, Borough of Brooklyn.

LEWIS H. POUNDS, President. a15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office until 11 o'clock a. m., on

WEDNESDAY, AUGUST 27, 1913.

No. 1. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON KINGSTON AVE., FROM PRESIDENT ST. TO MALBONE ST.

The Engineer's estimate is as follows:

2,690 cubic yards excavation.

500 cubic yards fill (not to be bid for).

1,850 linear feet cement curb (1 year maintenance).

8,530 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty-five (35) working days.

Security required, Eleven Hundred Dollars ($1,100).

No. 2. FOR CURBING AND LAYING SIDEWALKS ON WATERBURY ST., FROM STAGG ST. TO TEN EYCK ST.

The Engineer's estimate is as follows:

770 linear feet new curbstone set in concrete.

3,740 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty (20) working days.

Security required, Five Hundred Dollars ($500).

No. 3. FOR FENCING LOTS ON THE SOUTH SIDE OF 59TH ST., BETWEEN 12TH AVE. AND 13TH AVE., AND ON VARIOUS OTHER STREETS.

The Engineer's estimate is as follows:

1,650 linear feet open board fence six feet high.

Time allowed, twenty (20) working days.

Security required, Three Hundred Dollars ($300).

No. 4. FOR FURNISHING AND DELIVERING 3,000 CUBIC YARDS ASPHALT SAND AT MUNICIPAL ASPHALT PLANT, NORTH SIDE OF 7TH STREET BASIN, GOWANUS CANAL, BROOKLYN.

Time for completion of contract, on or before December 31, 1913.

Security required, thirty (30) per cent of the total amount for which the contract is awarded.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total. The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Highways, the Borough of Brooklyn, No. 12 Municipal Building, Brooklyn.

LEWIS H. POUNDS, President.

Dated August 12, 1913. a15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK. SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office, until 11 o'clock a. m., on

WEDNESDAY, AUGUST 20, 1913.

1. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON BAY 32D ST., FROM 86TH ST. TO CROPSEY AVE.

The Engineer's estimate is as follows:

4,320 linear feet new curbstone set in concrete.

510 cubic yards excavation.

4,800 cubic yards fill (to be furnished).

16,340 square feet cement sidewalks (1 year maintenance).

Time allowed, seventy (70) working days.

Security required, Twenty-five Hundred Dollars ($2,500).

2. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON CATON AVE., FROM E. 4TH ST. TO E. 5TH ST.

The Engineer's estimate is as follows:

280 cubic yards excavation.

440 linear feet cement curb (1 year maintenance).

660 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty (20) working days.

Security required, Two Hundred Dollars ($200).

3. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF CATON AVE., FROM E. 4TH ST. TO E. 5TH ST.

The Engineer's estimate is as follows:

1,055 square yards asphalt pavement (5 years maintenance).

120 cubic yards concrete.

45 linear feet bluestone heading stones set in concrete.

Time allowed, twenty (20) working days.

Security required, Eight Hundred Dollars ($800).

4. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON CROWN ST., FROM SCHENECTADY AVE. TO UTICA AVE.

The Engineer's estimate is as follows:

20 linear feet old curbstone reset in concrete.

9,100 cubic yards excavation.

4,080 cubic yards fill (not to be bid for).

1,450 linear feet cement curb (1 year maintenance).

7,220 square feet cement sidewalks (1 year maintenance).

Time allowed, seventy-five (75) working days.

Security required, Twenty-two Hundred Dollars ($2,200).

5. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 10TH ST., FROM FOSTER AVE. TO AVENUE H.

The Engineer's estimate is as follows:

1,650 cubic yards excavation.

70 cubic yards fill (not to be bid for).

1,750 linear feet cement curb (1 year maintenance).

8,670 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty (30) working days.

Security required, One Thousand Dollars ($1,000).

6. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 12TH ST., FROM AVENUE N TO AVENUE O.

The Engineer's estimate is as follows:

2,260 cubic yards fill (to be furnished).

1,780 linear feet cement curb (1 year maintenance).

8,990 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty-five (35) working days.

Security required, Twelve Hundred Dollars ($1,200).

7. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 15TH ST., FROM DITMAS AVE. TO FOSTER AVE.

The Engineer's estimate is as follows:

70 cubic yards excavation.

170 cubic yards fill (to be furnished).

670 linear feet cement curb (1 year maintenance).

3,300 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty-five (25) working days.

Security required, Four Hundred Dollars ($400).

8. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 22D ST., FROM AVENUE M TO KINGS HIGHWAY.

The Engineer's estimate is as follows:

1,090 cubic yards excavation.

6,220 cubic yards fill (to be furnished).

5,270 linear feet cement curb (1 year maintenance).

22,340 square feet cement sidewalks (1 year maintenance).

Time allowed, seventy (70) working days.

Security required, Thirty-five Hundred Dollars ($3,500).

9. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 26TH ST., FROM AVENUE D TO NEWKIRK AVE.

The Engineer's estimate is as follows:

40 linear feet old curbstone reset in concrete.

850 cubic yards excavation.

580 linear feet cement curb (1 year maintenance).

2,660 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty (20) working days.

Security required, Four Hundred Dollars ($400).

10. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF E. 26TH ST., FROM AVENUE D TO NEWKIRK AVE.

The Engineer's estimate is as follows:

970 square yards asphalt pavement (5 years maintenance).

110 cubic yards concrete.

Time allowed, twenty (20) working days.

Security required, Seven Hundred Dollars ($700).

11. FOR REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND PAVING WITH PERMANENT GRADE 2 GRANITE PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THAT PORTION OF FRANKLIN ST. BEGINNING ABOUT 140 FEET EAST OF N. 13TH ST. AND EXTENDING EASTERLY ABOUT 110 FEET, AND REPAVING THE ROADWAYS OF KENT AVE., FROM A LINE ABOUT 35 FEET EAST OF N. 13TH ST. TO FRANKLIN ST., AND FRANKLIN ST., FROM N. 14TH ST. ABOUT 80 FEET NORTHERLY.

The Engineer's estimate is as follows:

720 square yards Grade 2 granite pavement with joint filler of coal tar pitch and gravel outside railroad area (1 year maintenance).

50 square yards Grade 2 granite pavement with joint filler of coal tar pitch and gravel within railroad area (no maintenance).

125 cubic yards concrete outside railroad area.

15 cubic yards concrete within railroad area.

360 linear feet new curbstone set in concrete.

130 linear feet old curbstone reset in concrete.

30 linear feet bluestone heading stones set in concrete.

50 cubic yards excavation.

300 cubic yards fill (to be furnished).

200 square feet old flagstones relaid.

1,335 square feet cement sidewalks (1 year maintenance).

280 square yards old granite pavement outside railroad area (1 year maintenance).

95 square yards old granite pavement within railroad area (no maintenance).

Time allowed, sixty (60) working days.

Security required, Fifteen Hundred Dollars ($1,500).

12. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON HEMLOCK ST., FROM PITKIN AVE. TO SUTTER AVE.

The Engineer's estimate is as follows:

930 cubic yards excavation.

890 cubic yards fill (not to be bid for).

1,630 linear feet cement curb (1 year maintenance).

8,490 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty (30) working days.

Security required, Eight Hundred Dollars ($800).

13. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON LINCOLN AVE., FROM PITKIN AVE. TO AN OLD ROAD ABOUT 35 FEET NORTH OF HEGEMAN AVE.

The Engineer's estimate is as follows:

3,250 cubic yards excavation.

35,850 cubic yards fill (to be furnished).

4,820 linear feet cement curb (1 year maintenance).

23,910 square feet cement sidewalks (1 year maintenance).

Time allowed, two hundred (200) working days.

Security required, Eleven Thousand Dollars ($11,000).

14. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON LINCOLN PLACE, FROM HOWARD AVE. TO EAST NEW YORK AVE.

The Engineer's estimate is as follows:

20 cubic yards excavation.

120 cubic yards fill (to be furnished).

710 linear feet cement curb (1 year maintenance).

2,800 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty (20) working days.

Security required, Three Hundred Dollars ($300).

15. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON AVENUE N, FROM OCEAN AVE. TO KINGS HIGHWAY.

The Engineer's estimate is as follows:

1,100 cubic yards excavation.

2,860 cubic yards fill (to be furnished).

3,840 linear feet cement curb (1 year maintenance).

17,910 square feet cement sidewalks (1 year maintenance).

2 sewer basins rebuilt.

Time allowed, fifty (50) working days.

Security required, Thirty-two Hundred Dollars ($3,200).

16. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON NEWKIRK AVE., FROM E. 34TH ST. TO BROOKLYN AVE.

The Engineer's estimate is as follows:

250 cubic yards excavation.

640 cubic yards fill (to be furnished).

960 linear feet cement curb (1 year maintenance).

4,560 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty (30) working days.

Security required, Six Hundred Dollars ($600).

17. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF NEWKIRK AVE., FROM E. 34TH ST. TO BROOKLYN AVE.

The Engineer's estimate is as follows:

2,235 square yards asphalt pavement (5 years maintenance).

250 cubic yards concrete.

160 linear feet bluestone heading stones set in concrete.

Time allowed, twenty-five (25) working days.

Security required, Fifteen Hundred Dollars ($1,500).

18. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON OSBORN ST., FROM RIVERDALE AVE. TO VIENNA AVE.

The Engineer's estimate is as follows:

680 cubic yards excavation.

13,320 cubic yards fill (to be furnished).

4,510 linear feet cement curb (1 year maintenance).

21,820 square feet cement sidewalks (1 year maintenance).

Time allowed, one hundred and twenty (120) working days.

Security required, Forty-five Hundred Dollars ($4,500).

19. FOR FENCING LOTS ON SOUTH SIDE OF PROSPECT ST., BETWEEN JAY AND BRIDGE STS., AND ON VARIOUS OTHER STREETS.

The Engineer's estimate is as follows:

1,980 linear feet open board fence 6 feet high.

20 linear feet close board fence 10 feet high.

Time allowed, thirty-five (35) working days.

Security required, Three Hundred Dollars ($300).

20. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON SUTTER AVE., FROM 100 FEET EAST OF CRESCENT ST. TO SHERIDAN AVE.

The Engineer's estimate is as follows:

13,640 cubic yards fill (to be furnished).

1,670 linear feet cement curb (1 year maintenance).

8,400 square feet cement sidewalks (1 year maintenance).

Time allowed, one hundred and twenty (120) working days.

Security required, Four Thousand Dollars ($4,000).

21. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON TAPSCOTT ST., FROM EAST NEW YORK AVE. TO E. 98TH ST.

The Engineer's estimate is as follows:

6,260 cubic yards excavation.

3,000 cubic yards fill (not to be bid for).

4,330 linear feet cement curb (1 year maintenance).

21,900 square feet cement sidewalks (1 year maintenance).

Time allowed, sixty (60) working days.

Security required, Twenty-seven Hundred Dollars ($2,700).

22. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON WINTHROP ST., FROM NEW YORK AVE. TO ALBANY AVE.

The Engineer's estimate is as follows:

20 linear feet old curbstone reset in concrete.

7,790 cubic yards excavation.

1,030 cubic yards fill (not to be bid for).

4,020 linear feet cement curb (1 year maintenance).

19,480 square feet cement sidewalks (1 year maintenance.

Time allowed, sixty (60) working days.

Security required, Three Thousand Dollars ($3,000).

23. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 13TH AVE., FROM 65TH ST. TO 66TH ST.

The Engineer's estimate is as follows:

450 cubic yards excavation.

30 cubic yards fill (not to be bid for).

420 linear feet cement curb (1 year maintenance).

2,250 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty (20) working days.

Security required, Three Hundred Dollars ($300).

24. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF 13TH AVE., FROM 65TH ST. TO 66TH ST.

The Engineer's estimate is as follows:

1,390 square yards asphalt pavement (5 years maintenance).

155 cubic yards concrete.

110 linear feet bluestone heading stones set in concrete.

Time allowed, twenty (20) working days.

Security required, One Thousand Dollars ($1,000).

25. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 17TH AVE., FROM 79TH ST. TO 84TH ST.

The Engineer's estimate is as follows:

680 cubic yards excavation.

450 cubic yards fill (not to be bid for).

1,800 linear feet cement curb (1 year maintenance).

4,250 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty (30) working days.

Security required, Seven Hundred Dollars ($700).

26. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 23D AVE., FROM 79TH ST. TO 86TH ST.

The Engineer's estimate is as follows:

80 linear feet old curbstone reset in concrete.

390 cubic yards excavation.

7,820 cubic yards fill (to be furnished).

3,000 linear feet cement curb (1 year maintenance).

15,660 square feet cement sidewalks (1 year maintenance).

1 sewer basin raised.

Time allowed, thirty-five (35) working days.

Security required, Six Thousand Dollars ($6,000).

27. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF 58TH ST., FROM NEW UTRECHT AVE. TO 16TH AVE.

The Engineer's estimate is as follows:

5,890 square yards asphalt pavement (5 years maintenance).

655 cubic yards concrete.

110 linear feet bluestone heading stones set in concrete.

1,145 cubic yards excavation to subgrade.

Time allowed, thirty (30) working days.

Security required, Four Thousand Dollars ($4,000).

28. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 59TH ST., FROM 13TH AVE. TO NEW UTRECHT AVE.

The Engineer's estimate is as follows:

1,020 linear feet new curbstone set in concrete.

10 linear feet old curbstone reset in concrete.

40 cubic yards excavation.

290 cubic yards fill (to be furnished).

5,180 square feet cement sidewalks (1 year maintenance).

Time allowed, twenty-five (25) working days.

Security required, Seven Hundred Dollars ($700).

29. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 5-INCH CONCRETE FOUNDATION THE ROADWAY OF 73D ST., FROM 10TH AVE. TO 11TH AVE.

The Engineer's estimate is as follows:

2,435 square yards asphalt pavement (5 years maintenance).

340 cubic yards concrete.

30 linear feet bluestone heading stones set in concrete.

540 cubic yards excavation to subgrade.

Time allowed, thirty (30) working days.

Security required, Eighteen Hundred Dollars ($1,800).

30. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 75TH ST., FROM 13TH AVE. TO 15TH AVE.

The Engineer's estimate is as follows:

8,025 square yards asphalt pavement (5 years maintenance).

1,335 cubic yards concrete.

2,005 cubic yards excavation to subgrade.

Time allowed, thirty-five (35) working days.

Security required, Six Thousand Dollars ($6,060).

31. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 78TH ST., FROM 10TH AVE. TO 11TH AVE.

The Engineer's estimate is as follows:

20 linear feet old curbstone reset in concrete.

200 cubic yards excavation.

12,920 cubic yards fill (to be furnished).

1,420 linear feet cement curb (1 year maintenance).

7,260 square feet cement sidewalks (1 year maintenance).

Time allowed, one hundred and twenty (120) working days.

Security required, Thirty-two Hundred Dollars ($3,200).

32. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 81ST ST., FROM 21ST AVE. TO STILLWELL AVE.

The Engineer's estimate is as follows:

770 cubic yards excavation.

440 cubic yards fill (not to be bid for).

4,600 linear feet cement curb (1 year maintenance).

19,780 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty-five (35) working days.

Security required, Eighteen Hundred Dollars ($1,800).

33. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 85TH ST., FROM 23D AVE. TO STILLWELL AVE.

The Engineer's estimate is as follows:

90 cubic yards excavation.

19,800 cubic yards fill (to be furnished).

3,720 linear feet cement curb (1 year maintenance).

17,930 square feet cement sidewalks (1 year maintenance).

Time allowed, one hundred and forty (140) working days.

Security required, Fifty-five Hundred Dollars ($5,500).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Highways, the Borough of Brooklyn, No. 12 Municipal Building, Brooklyn.

LEWIS H. POUNDS, President.

Dated August 4, 1913. a8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK. SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office, until 11 o'clock a. m., on

WEDNESDAY, AUGUST 20, 1913.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SANITARY SEWERS AND STORM SEWERS IN E. 16TH ST., FROM KINGS HIGHWAY TO AVENUE U.

The Engineer's preliminary estimate of the quantities is as follows:

793 linear feet of 72-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $13	$10,309 00
887 linear feet of 60-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $10.50	9,313 50
848 linear feet of 54-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $7.40	6,275 20
905 linear feet of 48-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $5.75	5,203 75
237 linear feet of 42-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $5.40	1,279 80
87 linear feet of 30-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.60	313 20
30 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.70	81 00
62 linear feet of 22-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.60	161 20
30 linear feet of 20-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2	60 00
2,055 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4.30	8,836 50
905 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.75	2,488 75
286 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2	572 00
282 linear feet of 8-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2	564 00
54 8-inch standpipes, laid in place complete, including T branch, concrete casing and all incidentals and appurtenances; per standpipe, $4	216 00
775 linear feet of 8-inch house connection drain, laid complete, including Y branch and increaser and all incidentals and appurtenances; per linear foot, $1	775 00
1,950 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 75 cents	1,462 50
17 manholes on storm sewers, complete, with special iron heads and covers, including all incidentals and appurtenances; per manhole, $40	680 00
17 manholes on sanitary sewers, complete with standard iron heads and	

special covers, including all incidentals and appurtenances; per manhole, $60 ..... 1,020 00
6 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $115 ..... 690 00
4 sewer basins reconnected complete, including all incidentals and appurtenances; per reconnection, $25 ..... 100 00
250 cubic yards of concrete cradle for pipe sewers, laid in place complete, including extra excavation and all incidentals and appurtenances; per cubic yard, $5.50 ..... 1,375 00
3,820 linear feet of bearing piles, driven in place complete, including all incidentals and appurtenances; per linear foot, 30 cents 1,146 00
37,000 feet, board measure, of foundation planking and pile capping, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25 .. 925 00
116,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18 ..... 2,088 00
500 linear feet of 18-inch cast-iron pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4.60 ..... 2,300 00

Total $58,235 40

The time allowed for the completion of the work and the full performance of the contract will be one hundred and seventy-five (175) working days.

The amount of security required will be Twenty-five Thousand Dollars ($25,000).

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN BAY 7TH ST., FROM BENSON AVE. TO CROPSEY AVE., WITH TEMPORARY CONNECTION AT CROPSEY AVE.

The Engineer's preliminary estimate of the quantities is as follows:

44 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.80 ..... $167 20
1,472 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.90 ..... 2,796 80
1,742 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 85 cents 1,480 70
16 manholes, complete with iron heads and covers, including all incidentals and appurtenances; per manhole, $55 ..... 880 00
2 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $125 ..... 250 00
3,500 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18 ..... 63 00
10 cubic yards of concrete cradle on pipe sewers, laid in place complete, including all incidentals and appurtenances; per cubic yard, $6 .... 60 00
330 linear feet of bearing piles, driven in place complete, including all incidentals and appurtenances; per linear foot, 30 cents 99 00
2,500 feet, board measure, of foundation planking and pile capping, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $30 ..... 75 00

Total $5,871 70

The time allowed for the completion of the work and full performance of the contract will be sixty (60) working days.

The amount of security required will be Three Thousand Dollars ($3,000).

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER IN E. 9TH ST., FROM THE SEWER SUMMIT BETWEEN AVENUE N AND AVENUE O TO AVENUE N; AND IN AVENUE N, FROM E. 9TH ST. TO CONEY ISLAND AVE.

The Engineer's preliminary estimate of the quantities is as follows:

220 linear feet of 36-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $5.20 ..... $1,144 00
300 linear feet of 30-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4.55 ..... 1,365 00
363 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.65 ..... 598 95
540 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 85 cents 459 00
9 manholes, complete with iron heads and covers, including all incidentals and appurtenances; per manhole, $50 ..... 450 00
4 sewer basins, complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $115 ..... 450 00
3,500 feet, board measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25 ..... 87 50

Total $4,564 45

The time allowed for the completion of the work and full performance of the contract will be forty-five (45) working days.

The amount of security required will be Two Thousand Three Hundred Dollars ($2,300).

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN CATON AVE., BETWEEN OCEAN PARKWAY AND E. 5TH ST., AND AN OUTLET SEWER IN ALBEMARLE ROAD, BETWEEN OCEAN PARKWAY AND E. 5TH ST.

The Engineer's preliminary estimate of the quantities is as follows:

301 linear feet of 36-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $5.20 ..... $1,565 20
42 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4.45 ..... 186 90
168 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.45 ..... 411 60
263 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.50 ..... 394 50
346 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 80 cents 276 80
7 manholes, complete with iron heads and covers, including all incidentals and appurtenances; per manhole, $50 350 00
2 sewer basins reconnected complete, including all incidentals and appurtenances; per reconnection, $50 .... 100 00
12,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18 ..... 216 00
2,500 feet, board measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25 ..... 62 50

Total $3,563 50

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.

The amount of security required will be One Thousand Eight Hundred Dollars ($1,800).

The foregoing Engineer's preliminary estimate of the total cost for the completed work is to be taken as the 100 per cent. basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent. or 105 per cent.), for which all materials and work called for in the proposed contract and the notices to bidders are to be furnished to the City. Such percentage as bid for this contract shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, 215 Montague st., Borough of Brooklyn.

LEWIS H. POUNDS, President. a8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

MUNICIPAL CIVIL SERVICE COMMISSION.

Notices of Examinations.

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, August 12, 1913.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

TUESDAY, AUGUST 12, 1913, TO 4 P. M. TUESDAY, AUGUST 26, 1913,

for the position of

PHOTOGRAPHER (MICRO-PHOTOGRAPHER, PATHOLOGICAL LABORATORY).

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m. Tuesday, August 26, 1913, will be accepted. Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which postage is not fully prepaid will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York.

Candidates must be either graduate physicians with experience in photography or photoghaphers with an extended experience in pathological laboratories. Candidates should be familiar with the various photographic processes, particularly as applying to microscopical work in pathological laboratories. A knowledge of color photography is essential.

The subjects and weights of the examination are: Technical, 5; Experience, 5. Seventy-five per cent. is required on the technical examination and 70 per cent. on all.

Applications for this examination must be filed on a special blank, Form B. Experience blanks will be issued with the applications and must be filed with the Commission at the time of filing applications. A physical examination will precede the mental.

The time and place of holding the physical and mental examinations will be announced later.

One vacancy in Bellevue and Allied Hospitals. Minimum age, 21 years. Salary, $1,200 per annum.

F. A. SPENCER, Secretary. a12,26

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, August 6, 1913.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

WEDNESDAY, AUGUST 6, 1913, TO 4 P. M. WEDNESDAY, AUGUST 20, 1913,

for the position of

STATIONER.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., Wednesday, August 20, 1913, will be accepted. Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same. Applications forwarded by mail upon which postage is not fully prepaid will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York.

Candidates should have a thorough knowledge of the stationery business in all its branches. They should also have a general knowledge of the legal requirements and methods as to bids, specifications, etc., governing the furnishing of stationery and supplies for the needs of the departments by the Board of City Record.

The subjects and weights of the examination are: Technical, 6; Experience, 4. A percentage of 75 will be required on the Technical and 70 on Experience.

Applications for this examination must be filed on a special blank, Form B. Experience blanks will be issued with the applications, and must be filed with the Commission at the time of filing applications. The experience paper will then be rated. Candidates receiving less than 70 per cent. on the Experience paper will not be summoned for the mental test.

The time and place of holding the examination will be announced later. There is one vacancy in the Board of City Record, at a salary of $2,500 per annum. The minimum age is 21 years.

F. A. SPENCER, Secretary. a6,20

BOROUGH OF QUEENS.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, THIRD FLOOR OF THE BOROUGH HALL, FIFTH STREET AND JACKSON AVENUE, LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 a. m. on

WEDNESDAY, AUGUST 20, 1913.

No. 1. FOR THE CONSTRUCTION OF A CONCRETE WING WALL ALONG CULVERTS AND REPAIRING AND EXTENDING THE RIP-RAP IN JACKSON AVENUE, BETWEEN SHELL ROAD AND FLUSHING BRIDGE, SECOND WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000).

The Engineer's estimate of the quantities is as follows:

240 cubic yards of concrete.
50 cubic yards of broken stone.
1 M. feet of B. M. timber.
1 M. feet of B. M. old timber relaid.
700 square yards of rip-rap.
300 square yards of old rip-rap relaid.
2,580 cubic yards of earth embankment.
80 linear feet of pipe railing.

No. 2. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS AND CROSSWALKS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN PETTIT PLACE (NEWTOWN AVENUE) FROM ITHACA (FOURTH) STREET TO BROADWAY, SECOND WARD.

The time allowed for doing and completing the above work will be forty-five (45) working days.

The amount of security required will be One Thousand Seven Hundred Dollars ($1,700).

The Engineer's estimate of the quantities is as follows:

3,800 cubic yards of earth excavation.
10 cubic yards of rock excavation.
1,800 linear feet of new bluestone curb.
50 linear feet of old curb, redressed and reset.
50 square feet of old flagstone sidewalk, retrimmed and relaid.
8,880 square feet of cement sidewalk, and one (1) year maintenance.
750 square feet of new crosswalks.
10 cubic yards of concrete.
100 square yards of new stone gutters, furnished and laid.

No. 3. FOR REGULATING AND GRADING SKILLMAN PLACE, FROM JACKSON AVENUE TO HUNTER AVENUE, AND IN HUNTER AVENUE, FROM SKILLMAN PLACE TO ACADEMY STREET, AND CURBING AND LAYING SIDEWALKS ON THE NORTHERLY SIDE OF SKILLMAN PLACE, FROM JACKSON AVENUE TO HUNTER AVENUE, AND ON BOTH SIDES OF HUNTER AVENUE, FROM SKILLMAN PLACE TO ACADEMY STREET, TOGETHER WITH ALL WORK INCIDENTAL THERETO, FIRST WARD.

The time allowed for doing and completing the above work will be forty (40) working days.

The amount of security required will be Seven Hundred Dollars ($700).

The Engineer's estimate of the quantities is as follows:

200 cubic yards of earth excavation.
300 cubic yards of embankment (in excess of excavation).
900 linear feet of cement curb with steel nosing, and one (1) year maintenance.
4,700 square feet of cement sidewalk, and one (1) year maintenance.

No. 4. FOR PAVING WITH A (PERMANENT) PAVEMENT OF ASPHALT BLOCK ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN PROSPECT STREET, FROM FREEMAN AVENUE TO WEBSTER AVENUE, FIRST WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000).

The Engineer's estimate of the quantities is as follows:

60 linear feet of old curb redressed and reset, not to be bid for.
325 cubic yards of concrete.
1,900 square yards of asphalt block pavement, including mortar bed, sand joints and five (5) years maintenance.

No. 5. FOR REGULATING AND PAVING WITH A (PERMANENT) PAVEMENT OF SHEET ASPHALT ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN NORMAN STREET, FROM WYCKOFF AVENUE TO CYPRESS AVENUE, SECOND WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be Two Thousand Dollars ($2,000).

The Engineer's estimate of the quantities is as follows:

420 cubic yards of concrete.
2,600 square yards of sheet asphalt pavement, including binder course, and five (5) years maintenance.

No. 6. FOR REBUILDING SEA WALL ON THE WESTERLY SIDE OF THE BOULEVARD, FROM A POINT ABOUT 100 FEET SOUTH OF JAMAICA AVENUE, TO A POINT ABOUT 200 FEET NORTH OF TEMPLE STREET, FIRST WARD.

The time allowed for doing and completing the above work will be sixty (60) working days.

The amount of security required will be Seven Thousand Dollars ($7,000).

The Engineer's estimate of the quantities is as follows:

915 cubic yards of concrete.
100 timber piles (20 feet long).
17 M. feet of B. M. timber, in place.
870 cubic yards of rubble masonry relaid in cement mortar.
500 cubic yards of new rubble masonry in cement mortar.
600 linear feet of pipe railing.

No. 7. FOR COMPLETING AN ABANDONED CONTRACT EXECUTED BY THE NEWTON PAVING CO. ON MARCH 18, 1912, FOR REGULATING, GRADING AND REPAVING WITH ASPHALTIC CONCRETE, WARRENITE, OR AMIESITE PAVEMENT ON A MACADAM FOUNDATION, AND ALL WORK INCIDENTAL THERETO, IN SHELL ROAD, FROM THOMSON AVENUE TO JACKSON AVENUE, SECOND WARD.

The time allowed for doing and completing the above work will be forty-five (45)) working days.

The amount of security required will be Six Thousand Dollars ($6,000).

The Engineer's estimate of the quantities is as follows:

5,500 square yards of bithulithic pavement on prepared macadam foundation laid outside of the railroad franchise area and five (5) years maintenance.
500 square yards of stone block gutters relaid.
200 square yards of stone block gutters furnished and laid.

Maintenance on Pavement Laid in 1912.

Bidders are required to state in their bids a price for maintaining approximately 24,200 square yards of asphaltic concrete pavement, laid by the Newton Paving Co., for a period of five (5) years.

The bidder must state the price of each item or article contained in the specifications or schedule herein contained or hereafter annexed, per square yard, linear foot, or other unit of measure by which the bids will be tested. The extensions must be made and footed up as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained at the office of the President of the Borough of Queens.

Dated, August 8, 1913.

MAURICE E. CONNOLLY, President.
a8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, 3D FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 a. m., on

WEDNESDAY, AUGUST 20, 1913.

1. FOR CONSTRUCTING A TEMPORARY SEWER AND APPURTENANCES IN 15TH ST., FROM HIGH ST. TO SCHLEICHER COURT, 3D WARD.

The Engineer's estimate of the quantities is as follows:

480 linear feet 10-inch vitrified salt-glazed pipe sewer.
350 linear feet 6-inch vitrified salt-glazed sewer pipe for house connections.
4 manholes, complete.

The time allowed for completing the above work will be twenty (20) working days.

The amount of security required will be Five Hundred Dollars ($500).

2. FOR CONSTRUCTING A RECEIVING BASIN AND APPURTENANCES ON THE EASTERLY CORNER OF CYPRESS AVE. AND HARMAN ST., 2D WARD.

The Engineer's estimate of the quantities is as follows:

18 linear feet 12-inch vitrified salt-glazed culvert pipe.
20 linear feet 10-inch vitrified salt-glazed culvert pipe.
1 double receiving basin, complete.

The time allowed for completing the above work will be five (5) working days.

The amount of security required will be One Hundred and Firty Dollars ($150).

3. TO LAY SIX-INCH PIPE FOR HOUSE CONNECTION DRAINS WHERE NOT ALREADY LAID, FROM THE SEWER TO THE CURB LINE, IN GEORGE ST., FROM WYCKOFF AVE. TO CYPRESS AVE., 2D WARD.

The Engineer's estimate of the quantities is as follows:

400 linear feet 6-inch vitrified salt-glazed sewer pipe for house connections.
25 Y's 12-inch by 6-inch 3-feet long.

The time allowed for completing the above work will be fifteen (15) working days.

The amount of security required will be Two Hundred Dollars ($200).

4. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN DITMARS AVE., FROM THE EAST RIVER TO CRESCENT ST., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

1,956 linear feet 12-inch vitrified salt-glazed pipe sewer.
245 linear feet 12-inch vitrified salt-glazed culvert pipe.
20 linear feet 10-inch vitrified salt-glazed culvert pipe.
2,200 linear feet 6-inch vitrified salt-glazed sewer pipe for house connections.
60 linear feet 1-inch cast-iron pipe.
16 manholes, complete.
6 receiving basins, complete.
1 double receiving basin, complete.
50 cubic yards rip-rap.

The time allowed for completing the above work will be ninety (90) working days.

The amount of security required will be Thirty-five Hundred Dollars ($3,500).

5. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN MURRAY ST., FROM FRANCONIA AVE. TO BAYREUTH ST.; CALIFORNIA AVE., FROM MURRAY ST. TO CROWN 385 FEET EAST OF ZIEGLER AVE.; DELAWARE ST., FROM MURRAY ST. TO ZIEGLER AVE.; ERIE ST., FROM MURRAY ST. TO ZIEGLER AVE., 3D WARD.

The Engineer's estimate of the quantities is as follows:

2,294 linear feet 12-inch vitrified salt-glazed pipe sewer.
260 linear feet 15-inch vitrified salt-glazed pipe sewer.
260 linear feet 18-inch vitrified salt-glazed pipe sewer.
258 linear feet 20-inch vitrified salt-glazed pipe sewer.
100 linear feet 12-inch vitrified salt-glazed culvert pipe.
2,000 linear feet 6-inch vitrified salt-glazed sewer pipe for house connections.
23 manholes, complete.
5 receiving basins, complete.
1,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be sixty (60) working days.

The amount of security required will be Four Thousand Dollars ($4,000).

6. FOR THE CONSTRUCTION OF RECEIVING BASINS AND APPURTENANCES ON ONDERDONK AVE, AT THE EASTERLY CORNER OF SUYDAM ST. AND THE EASTERLY CORNER OF HART ST., 2D WARD, IN ACCORDANCE WITH SECTION 435 OF THE GREATER NEW YORK CHARTER.

The Engineer's estimate of the quantities is as follows:

2 receiving basins, complete.
66 linear feet 12-inch vitrified salt-glazed culvert pipe.

The time allowed for completing the above work will be twelve (12) working days.

The amount of security required will be Two Hundred Dollars ($200).

7. FOR THE CONSTRUCTION OF A RECEIVING BASIN AND APPURTENANCES ON THE EASTERLY CORNER OF FLUSHING AVE. AND WEIL PLACE, 1ST WARD, IN ACCORDANCE WITH SECTION 435 OF THE GREATER NEW YORK CHARTER.

The Engineer's estimate of the quantities is as follows:

20 linear feet 12-inch vitrified salt-glazed culvert pipe.
1 receiving basin, complete.
500 feet, board measure, timber for bracing and sheeting.

The time allowed for completing the above work will be ten (10) working days.

The amount of security required will be One Hundred Dollars ($100).

The bidder must state the price of each item or article in the specification herein contained, or hereinafter annexed, per square yard, per linear foot or other unit of measure, by which the bids will be tested. The extension must be footed up, as the bids will be read from a total.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated August 8, 1913.

MAURICE E. CONNOLLY, President.
a8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, 3D FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens, at the above office until 11 a. m., on

WEDNESDAY, AUGUST 27, 1913.

FOR THE CONSTRUCTION OF A SEWER

AND APPURTENANCES IN 51ST ST. (JEFFERSON ST. AND CENTRAL AVE.), FROM THE BULKHEAD LINE OF FLUSHING BAY TO LURTING (WILLOW) ST., 2D WARD, TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

370 linear feet 13-foot 9-inch by 8-foot twin reinforced concrete sewer.

244 linear feet 12-foot 6-inch circular reinforced concrete sewer, on piles.

199 linear feet 12-foot 6-inch circular reinforced concrete sewer.

2,734 linear feet 12-foot 6-inch circular cast-iron concrete lined tunnel sewer.

2,016 linear feet 11-foot circular cast-iron concrete lined tunnel sewer.

4,767 linear feet 8-foot circular cast-iron concrete lined tunnel sewer.

517 linear feet 10-foot 6-inch by 8-foot 6-inch twin reinforced concrete sewer, including the cost of underpinning the tracks of the Long Island Railroad Company.

233 linear feet 20-inch vitrified salt-glazed pipe sewer.

154 linear feet 18-inch vitrified salt-glazed pipe sewer.

3,580 linear feet 12-inch vitrified salt-glazed pipe sewer.

6 manholes on reinforced concrete sewers, complete.

32 manholes on pipe sewers, complete.

7 receiving basins, complete.

180 linear feet 12-inch vitrified salt-glazed culvert pipe.

4,500 linear feet 6-inch vitrified salt-glazed sewer pipe for house connections.

1 increaser (30 feet long) on the 13-foot 9-inch by 8-foot twin reinforced concrete sewer, complete.

1 shaft at Ditmars ave. and 51st st., complete.

1 shaft at Hayes ave. and 51st st., complete.

1 shaft at Polk ave. and 51st st., complete.

1 shaft at Kingsland ave. and 51st st., complete.

1 junction chamber at Lurting st. and 51st st., complete.

2 fender clusters, complete.

75,000 linear feet of piles, below caps, furnished, driven and cut off.

125,000 feet, board measure, timber for foundation furnished and laid.

600,000 feet, board measure, timber for bracing and sheet piling.

1,000 cubic yards of rock excavated and removed.

25 cubic yards of Class A concrete, in place, exclusive of concrete as shown on plan.

25 cubic yards of Class B concrete, in place, exclusive of concrete as shown on plan.

2,000 pounds of steel for reinforcement, in place, exclusive of reinforcing as shown on plan.

2,000 pounds of structural steel, in place, exclusive of structural steel as shown on plan.

500 cubic yards of grout furnished and placed, exclusive of grout specified for tunnel sewers.

The time allowed for completing the above work will be four hundred and fifty (450) consecutive calendar days.

The amount of security required will be Three Hundred Thousand Dollars ($300,000).

Test pits have been made along the line of this sewer, near Polk ave. (Shell road) and Astoria ave. These test pits will be pumped out to allow prospective bidders to make a personal examination of the material through which this sewer is to be constructed, on Wednesday, Thursday and Friday, the 20th, 21st and 22d days of August, 1913.

The bidder must state the price of each item or article contained in the specifications herein contained or hereinafter annexed, per square yard, per linear foot or other unit of measure, by which the bids will be tested. The extension must be footed up, as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated August 6, 1913.

MAURICE E. CONNOLLY, President.

a6,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

FIRE DEPARTMENT.

Proposals.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

TUESDAY, AUGUST 26, 1913.
Borough of Brooklyn.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR INSTALLING A STEAM HEATING PLANT IN QUARTERS OF HOOK AND LADDER COMPANY 105 AND ENGINE COMPANY 229, BROOKLYN.

The time for the completion of the work and the full performance of the contract is sixty (60) days.

The amount of security required is Nine Hundred Dollars ($900).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Fire Department, Nos. 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

a14,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

TUESDAY, AUGUST 26, 1913.
Borough of The Bronx,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR AND COMPLETING THE FOLLOWING WORKS:

1. FOR ERECTING AND COMPLETING A NEW CENTRAL OFFICE FOR THE BUREAU OF FIRE ALARM TELEGRAPH, TO BE LOCATED AT THE NORTH SIDE OF E. 180TH ST., EAST OF DEVOE ST., BOROUGH OF THE BRONX.

The time allowed for erecting and completing the building is one hundred and fifty (150) working days.

The amount of surety required is fifty (50) per cent. of the bid or estimate.

2. FOR INSTALLING AND COMPLETING THE PLUMBING AND GASFITTING REQUIRED FOR THE NEW CENTRAL OFFICE FOR THE BUREAU OF FIRE ALARM TELEGRAPH, TO BE LOCATED AT THE NORTH SIDE OF E. 180TH ST., EAST OF DEVOE ST., BOROUGH OF THE BRONX.

The time allowed for completing the work is one hundred and fifty (150) working days.

The amount of surety required is fifty (50) per cent. of the bid or estimate.

3. FOR INSTALLING AND COMPLETING THE STEAM HEATING SYSTEM FOR THE NEW CENTRAL OFFICE FOR THE BUREAU OF FIRE ALARM TELEGRAPH, TO BE LOCATED AT THE NORTH SIDE OF E. 180TH ST., EAST OF DEVOE ST., BOROUGH OF THE BRONX.

The time allowed for completing the work is one hundred and fifty (150) working days.

The amount of surety required is fifty (50) per cent. of the bid or estimate.

The bids will be compared and the contracts awarded at a lump or aggregate sum for each contract.

Plans and specifications, with forms of contract and forms of proposal, may be obtained from Frank J. Helmle, Architect, 190 Montague st., Brooklyn, and the office of the Chief of the Bureau of Fire Alarm Telegraph, Fire Department, 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

a14,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

TUESDAY, AUGUST 26, 1913.
Borough of Richmond,

FOR FURNISHING ALL THE MATERIALS AND LABOR REQUIRED FOR AND COMPLETING THE FOLLOWING WORKS:

1. ERECTING A NEW BUILDING FOR AN ENGINE AND HOOK AND LADDER COMPANY ON THE SOUTH SIDE OF CLOVE AVE., 75 FEET SOUTH OF TARGEE ST., CONCORD SECTION, BOROUGH OF RICHMOND.

The time allowed for erecting and completing the building is one hundred and fifty (150) working days.

The amount of surety required is fifty (50) per cent. of the amount of bid or estimate.

2. INSTALLING AND COMPLETING THE PLUMBING AND GASFITTING IN NEW BUILDING FOR AN ENGINE AND HOOK AND LADDER COMPANY ON THE SOUTH SIDE OF CLOVE AVE., 75 FEET EAST OF TARGEE ST., CONCORD SECTION, BOROUGH OF RICHMOND.

The time allowed for completing the work is one hundred and fifty (150) working days.

The amount of surety required is fifty (50) per cent. of the amount of bid or estimate.

3. INSTALLING AND COMPLETING THE STEAM HEATING SYSTEM IN NEW BUILDING FOR AN ENGINE AND HOOK AND LADDER COMPANY ON THE SOUTH SIDE OF CLOVE AVE., 75 FEET EAST OF TARGEE ST., CONCORD SECTION, BOROUGH OF RICHMOND.

The time allowed for completing the work is one hundred and fifty (150) working days.

The amount of surety required is fifty (50) per cent. of the amount of bid or estimate.

Separate bids must be submitted for each of the works.

Contracts will be awarded at a lump sum for each contract.

Plans and specifications, with forms of contract and forms of proposal, may be obtained from Macdonald and Reddy, Architects, 1181 Broadway, Manhattan, and at the office of the Fire Department, 157 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

a14,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, NOS. 157 AND 159 E. 67TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

TUESDAY, AUGUST 19, 1913.
Borough of The Bronx,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ESTABLISHING AND EQUIPPING AN EXTENSION TO THE FIRE ALARM TELEGRAPH SYSTEM IN THE BOROUGH OF THE BRONX.

The time for the completion of the work and the full performance of the contract is one hundred (100) calendar days.

The amount of security required is Twenty Thousand Dollars ($20,000).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Fire Alarm Telegraph of the Fire Department, Nos. 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

a7,19

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Proposals.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m., on

THURSDAY, AUGUST 28, 1913.
Borough of Brooklyn.

1. FOR DISMANTLING AND TRANSPORTING ONE PUMPING ENGINE AND APPURTENANCES FROM THE NEW LOTS PUMPING STATION NO. 1 TO THE NEW LOTS PUMPING STATION NO. 2, AND RE-ERECTING IT WITH PIPING AND OTHER APPURTENANCES COMPLETE IN PLACE.

The time allowed for doing and completing the entire work will be one hundred (100) working days.

The security required will be Three Thousand Dollars ($3,000).

2. FOR REMODELLING AND EXTENDING THE BUILDINGS AT THE NORTH PORTLAND AVENUE REPAIR YARD, NO. 98 N. PORTLAND AVE.

SECTION I—FOR ALL MASON WORK, STEEL AND IRON WORK, CARPENTER WORK, SHEET METAL WORK, ROOFING, GLAZING, PAINTING AND ELECTRICAL WORK.

SECTION II—FOR ALL PLUMBING AND GASFITTING.

SECTION III—FOR ALL STEAM HEATING WORK.

The time allowed for doing and completing the entire work will be one hundred and fifty (150) working days on Section I; fifty (50) working days on Section II, and fifty (50) working days on Section III.

The amount of surety required is fifty (50) per cent. of the bid or estimate.

The security required will be Ten Thousand Dollars ($10,000) on Section I; Four Hundred Dollars ($400) on Section II and Five Hundred Dollars ($500) on Section III.

3. FOR FURNISHING, DELIVERING AND ERECTING PLATFORMS AND RAILINGS FOR THE DAVIS & FARNUM ENGINES AT THE RIDGEWOOD NORTH SIDE STATION, ATLANTIC AVE. AND LOGAN ST. BEING CONTRACT ABANDONED BY THE CITY CONTRACTING COMPANY.

The time allowed for doing and completing the entire work will be seventy-five (75) consecutive working days.

The security required will be Eight Hundred Dollars ($800).

The bidder will state the price per unit for each item of work contained in the specifications or schedule, by which the bids will be tested. The bids will be compared and the award will be made to the lowest formal bidder in a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

J. W. F. BENNETT, Deputy and Acting Commissioner.

Dated August 13, 1913. a16,28

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD MEETINGS.

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

P. J. SCULLY, City Clerk and Clerk to the Board of Aldermen.

Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Thursday, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesday, at 11 a. m., at call of the Mayor.

JOHN KORB, JR., Secretary.

Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Friday, at 11 a. m., upon notice of the Chief Clerk.

JOHN KORB, JR., Chief Clerk.

Board of City Record.

The Board of City Record meets in the City Hall at call of the Mayor.

DAVID FERGUSON, Supervisor, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.

Notice of Public Hearing.

PUBLIC IMPROVEMENT MATTERS.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grade of Adams street, between Morris Park avenue and the New York, New Haven and Hartford Railroad; and of Van Nest avenue, between Van Buren street and East 180th street, Borough of The Bronx, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on August 28, 1913, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on July 31, 1913, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grade of Adams street, between Morris Park avenue and the New York, New Haven and Hartford Railroad; and of Van Nest avenue, between Van Buren street and East 180th street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated July 29, 1913.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 28th day of August, 1913, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 28th day of August, 1913.

Dated August 15, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. a15,26

BOROUGH OF RICHMOND.

Proposals.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond, at the above office, until 12 o'clock m., on

TUESDAY, AUGUST 19, 1913.
Borough of Richmond,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A TEMPORARY COMBINED SEWER AND APPURTENANCES IN MARYLAND AVE., FROM THE STATEN ISLAND RAPID TRANSIT RAILROAD TO TOMPKINS AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required is as follows:

165 linear feet of salt-glazed vitrified pipe sewer of twelve (12) inches interior diameter, all complete, as per section on plan of the work.

501 linear feet of salt-glazed vitrified pipe sewer of ten (10) inches interior diameter, all complete, as per section on plan of the work.

3 mannoles, complete, as per section on plan of the work.

1,000 board measure feet of foundation timber and planking in place and secured.

1,000 board measure feet of sheeting retained.

21 cubic yards of concrete for cradle, etc., in place.

1 cubic yard of brick masonry.

20 cubic yards of additional excavation.

5 cubic yards of additional filling.

20 linear feet of house sewers (not intercepted) extended and connected.

15 cubic yards of broken stone ballast furnished and placed.

270 square yards of macadam pavement restored.

The time for the completion of the work and full performance of the contract is twenty-eight (28) days.

The amount of security required is Seven Hundred Dollars ($700).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, can be obtained upon application therefor at the office of the Engineer. The plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained at the office of the Engineer of the Borough of Richmond, Borough Hall, St. George, Staten Island.

GEORGE CROMWELL, President.

The City of New York, August 4, 1913. a7,19

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

PUBLIC SERVICE COMMISSION.

Notices of Public Hearings.

NOTICE OF HEARING ON FORM OF CONTRACT.

NOTICE IS HEREBY GIVEN THAT A PUBlic hearing will be held at the office of the Public Service Commission for the First District, at 154 Nassau st., Borough of Manhattan, New York City, on the 19th day of August, 1913, at 12.15 o'clock p. m., upon the proposed terms and conditions of the contract for the construction of Section No. 1A of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad (Routes Nos. 19 and 22), in the Borough of The Bronx, which section may be briefly described as follows:

Section No. 1A. Beginning at a point under Southern boulevard about two hundred seventy (270) feet north of the northeast corner of E. 147th st., and extending thence under Southern boulevard, Hunts Point road, the Public Park, Dongan st. and Whitlock ave., to a point under Whitlock ave. about one hundred thirty (130) feet south of the south line of Bancroft st.; with stations at E. 149th st., Longwood ave. and Hunts Point road.

Copies of the draft of said contract may be obtained at the said office of the said Public Service Commission for one dollar each.

Dated New York, August 1, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. a4,19

NOTICE OF HEARING ON FORM OF CONTRACT.

NOTICE IS HEREBY GIVEN THAT A PUBlic hearing will be held at the office of the Public Service Commission for the First District, at 154 Nassau st., Borough of Manhattan, New York City, on the 19th day of August, 1913, at 12.15 o'clock p. m., upon the proposed terms and conditions of the contract for the construction of Section No. 2 of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad (Routes Nos. 19 and 22), which section may be briefly described as follows:

Section No. 2. Beginning at a point in Whitlock ave., in the Borough of The Bronx, about 140 feet south of the southerly building line of Bancroft st., and extending thence northerly over and along Whitlock ave. to Westchester ave., and thence northeasterly over and along Westchester ave. to a point therein about 100 feet southeast of the centre line of Eastern boulevard.

Copies of the draft of said contract may be obtained at the said office of the said Public Service Commission for one dollar each.

Dated New York, August 1, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. a4,19

NOTICE OF HEARING ON FORM OF CONTRACT.

NOTICE IS HEREBY GIVEN THAT A PUBlic hearing will be held at the office of the Public Service Commission for the First District, at 154 Nassau st., Borough of Manhattan, New York City, on the 19th day of August, 1913, at 12.15 o'clock p. m., upon the proposed terms and conditions of contracts for the construction of Sections Nos. 1 and 2 of the White Plains Road Rapid Transit Railroad (Route No. 18), in the Borough of The Bronx, which sections may be briefly described as follows:

Section No. 1. Beginning at a point in the present yard of the Interborough Rapid Transit Company located east of Boston road, between 178th and 179th sts., in the Borough of The Bronx, and extending thence northeasterly through private property and over intersecting streets to a point in 180th st. east of Bronx Park ave., thence extending northerly through private property and over intersecting streets west of and parallel to the right of way of the New York, Westchester & Boston Railroad to Birchall ave., and thence over and along Birchall ave. and White Plains road to a point therein about 280 feet north of the centre line of Burke st.

Section No. 2. Beginning at a point in White Plains road, in the Borough of The Bronx, about 280 feet north of the centre line of Burke st., and extending thence northerly over and along White Plains road to a point therein about 130 feet north of the centre line of East 241st st.

Copies of the draft of said contract may be obtained at the said office of the said Public Service Commission for one dollar each.

Dated New York, August 1, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. a4,19

NOTICE OF HEARING ON FORM OF CONTRACT.

NOTICE IS HEREBY GIVEN THAT A PUBlic hearing will be held at the office of the Public Service Commission for the First District, at 154 Nassau st., Borough of Manhattan, New York City, on the 19th day of August, 1913, at 12.15 o'clock p. m., upon the proposed terms and conditions of the contract for the construction of Route No. 16, Jerome Avenue Branch of the Seventh Avenue-Lexington Avenue

Rapid Transit Railroad, in the Borough of The Bronx, which route may be briefly described as follows:

Route No. 16. Beginning at a point in private property in the Borough of The Bronx, about 140 feet southeast of the intersection of 157th st. and River ave., curving thence into River ave., and extending thence northerly over and along River ave., Jerome ave., Jerome Park Reservoir property and Jerome ave. to a point therein about 100 feet south of the centre line of Woodlawn road.

Copies of the draft of said contract may be obtained at the said office of the said Public Service Commission for one dollar each.

Dated New York, August 1, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. a4,19

Proposals.

INVITATION TO CONTRACTORS.

PARTS OF ROUTES No. 36 AND 37.

THE CITY OF NEW YORK, ACTING BY the Public Service Commission for the First District (hereinafter called "the Commission"), invites proposals to construct Section No. 1 of the Astoria, Woodside and Corona Rapid Transit Railroad.

The points within the City between which the said part is to run and the route or routes to be followed are briefly as follows:

Section No. 1—Beginning at a point on the Queensboro Bridge Plaza, in the Borough of Queens, at or near the easterly line of Ely ave., and extending thence easterly along and over the Queensboro Bridge plaza to a point at or near Jackson ave., where the road divides into two branches; one branch curving to the north and extending thence in a northerly direction along and over Jackson ave. and 2d (formerly Debevoise) ave. to a point on 2d ave., about three hundred (300) feet south of the centre line of Beebe ave.; and the other branch extending in an easterly direction along and over Queens boulevard (Diagonal st.) to a point about two hundred and seventy (270) feet northwest of the westerly line of Van Dam st.

The general plan of construction calls for an elevated railroad. The details of the construction of the railroad and appurtenances are more particularly indicated on the contract drawings.

Bidders will not be required to provide or lay any tracks or any ties, nor to do station finish work, except such station finish work as is specifically required to be done.

The work of construction under contract will include the construction of all necessary sewers and connections along the route of the railroad; also the necessary support, maintenance, readjustment and reconstruction of vaults adjacent to buildings, pipes, tubes, conduits, subways or other subsurface structures; the support and care of all buildings, bridges, monuments, surface railroads, steam railroads and other surface, subsurface and overhead structures of any kind, affected by or interfered with during the construction of the work; also the restoration of the sidewalks and roadways.

Bidders must examine the form of contract and the specifications, maps and plans; must visit the location of the work and inform themselves of the present conditions along the line thereof and make their own estimates of the facilities and difficulties attending the execution of the proposed work.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated in the printed form of contract and in the contract drawings therein referred to. Printed copies of the form of contract, bond and contractor's proposal may be had on application at the office of the Commission, No. 154 Nassau st., Borough of Manhattan, City of New York. The contract drawings may be inspected at the same office, and copies thereof may be purchased by prospective bidders on payment of five dollars ($5). The printed form of contract and the contract drawings are to be deemed a part of this invitation.

Partial payments to the contractor will be made monthly as the work proceeds, as provided in the form of contract.

The contractor will be required to complete the work as soon as practicable and within a period of twenty-four (24) months from the date of the delivery of this contract.

Sealed bids or proposals will be received at the office of the Commission at No. 154 Nassau st., Borough of Manhattan, City of New York, until the 19th day of August, 1913, *at twelve-fifteen* (12.15) *o'clock p. m., at which time, or at a later date to be fixed by the Commission, the proposals will be publicly opened.*

Proposals must be in the form prescribed by the Commission, copies of which may be obtained at the office of the Commission.

A statement based upon estimate of the Engineer, of the quantities of the various classes of the work and of the nature and extent as near as practicable of the work required is to be found in the schedule forming a part of the form of contractor's proposal. The quantities given in such schedule are approximate only, being given as a basis for the uniform comparison of bids, and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed "Proposal for Constructing Part of Rapid Transit Railroad—Routes No. 36 and 37, Section No. 1," and must be delivered to the Commission or its Secretary; and in the presence of the person submitting the proposal, it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received or deposited unless accompanied by a separate certified check drawn upon a national or state bank or trust company having its principal office in The City of New York, satisfactory to the Commission, and payable to the order of the Comptroller of The City of New York for the sum of Fifteen Thousand Dollars ($15,000). Such check must not be enclosed in the envelope containing the proposal.

The unit prices must not be improperly balanced, and any bid which the Commission considers detrimental to the City's interests may be rejected.

No proposal after it shall have been deposited with the Commission, will be allowed to be withdrawn for any reason whatever.

The award of the contract will be made by the Commission as soon as practicable after the opening of the proposals.

Bidders whose proposals are otherwise satisfactory, in case the sureties or securities named by them are not approved by the Commission, may substitute in their proposals the names of other sureties or securities approved by the Commission, but such substitution must be made within five (5) days after notice of disapproval, unless such period is extended by the Commission.

A bidder whose proposal shall be accepted shall, in person or by duly authorized representative, attend at the said office of the Commission within ten (10) days after the delivery of a notice by the Commission that his proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and such bidder shall then deliver a contract in the form referred to, duly executed and with its execution duly proved.

At the time of the delivery of the contract the contractor will be required to furnish security to the City by giving a bond for Fifty Thousand Dollars ($50,000). At the option of the successful bidder cash or approved securities may be deposited instead of giving a bond. If securities are deposited in place of a bond under this contract, they must be of the character of securities in which savings banks may invest their funds and must be approved by the Commission.

The contractor's bond must be in the form annexed to the form of contract.

In addition and as further security fifteen (15) per centum of the amounts certified from time to time to be due to the contractor will be deducted until the amounts so deducted and retained shall equal ten (10) per centum of the sum of the amounts resulting from the product of the estimated approximate quantities and the unit prices as contained in the Schedule of Unit Prices in the Contractor's Proposal. Thereafter there shall be so deducted and retained for such purpose ten (10) per centum of the amounts certified from time to time to be due to the contractor. The contractor may from time to time withdraw portions of the amounts so retained upon depositing in lieu thereof corporate stock of The City of New York equal in market value to the amount so withdrawn.

In case of failure or neglect to execute and deliver the contract or to execute and deliver the required bond or to make the required deposit, such bidder will, at the option of the Commission, be deemed either to have made the contract or to have abandoned the contract. In the latter case, the Commission will give notice thereof to such defaulting bidder, and the Commission may thereupon proceed to make another contract with such, if any, of the original bidders, as, in the opinion of the Commission, it will be to the best interests of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other contractor over the amount of the bid of such defaulting bidder.

If the Commissioner shall give notice to any bidder that his or its proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and if the bidder shall fail within ten (10) days thereafter or within such further period, if any, as may be prescribed by the Commission, to execute and deliver the contract and to execute and deliver the bond with sureties, or to make the required deposit, then the invitation to contractors and proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damage by it sustained by reason of such failure, and in such case the bidder shall, by the terms of the proposal, absolutely assign to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

All such deposits made by bidders whose proposals shall not be accepted by the Commission will be returned to the person or persons making the same within five (5) days after the contract shall be executed and delivered. The deposit of the successful bidder will be returned when the contract is executed and its provisions in respect of the bond or deposit are complied with.

The right to reject any and all bids is reserved.

New York, July 22, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT. By EDWARD E. McCALL, Chairman.

TRAVIS H. WHITNEY, Secretary. jy25,a19

DEPARTMENT OF PUBLIC CHARITIES.

Proposals.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities, at the above office, until 2.30 o'clock p. m., on

FRIDAY, AUGUST 29, 1913.

FOR FURNISHING AND DELIVERING ANTHRACITE AND BITUMINOUS COAL.

The quantities are as follows:

Boroughs of Manhattan and The Bronx,

820 tons egg coal.
1,000 tons buckwheat coal No. 1.
200 tons pea coal.
250 tons stove coal.
1,500 tons bituminous coal.

Boroughs of Brooklyn and Queens.

600 tons pea coal.

The time for the performance of the contract is during the year 1913.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to thirty (30) per cent. of the contract.

No bid will be considered unless it is accompanied by a deposit, which shall be in the form of money, or a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or corporate stock or certificates of indebtedness of any nature issued by The City of New York and approved by the Comptroller as of equal value to the security required. Such deposit shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per gross ton, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

A bid sheet must accompany the bid inclosed in the envelope marked "Original."

Blank forms and further information may be obtained at the office of the Storekeeper of the Department, foot of E. 26th st., Borough of Manhattan.

MICHAEL J. DRUMMOND, Commissioner.

Dated August 16, 1913. a19,29

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

TUESDAY, AUGUST 26, 1913.

FOR FURNISHING AND DELIVERING GROCERIES, DRY GOODS, NOTIONS, SILVER-PLATED WARE, RUBBER GOODS, CROCKERY, GLASSWARE AND OTHER MISCELLANEOUS SUPPLIES.

The time for the performance of the contract is during the year 1913.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to thirty (30) per cent. of the contract.

No bid will be considered unless it is accompanied by a deposit, which shall be in the form of money, or a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or corporate stock or certificates of indebtedness of any nature issued by The City of New York and approved by the Comptroller as of equal value to the security required. Such deposit shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per pound, dozen, or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each class, line or item, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

A bid sheet must accompany the bid inclosed in the envelope marked "Original."

Blank forms and further information may be obtained at the office of the Storekeeper of the Department, foot of E. 26th st., Borough of Manhattan.

MICHAEL J. DRUMMOND, Commissioner.

Dated August 12, 1913. a14,26

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

TUESDAY, AUGUST 26, 1913.

FOR FURNISHING AND DELIVERING VEHICLES.

The time for the performance of the contract is during the year 1913.

No bond will be required with the bid, as heretofore, but will be required upon awarding of the contract in an amount equal to thirty (30) per cent. of the contract.

No bid will be considered unless it is accompanied by a deposit, which shall be in the form of money, or a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or corporate stock or certificates of indebtedness of any nature issued by The City of New York and approved by the Comptroller as of equal value to the security required. Such deposit shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per piece or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line or item, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

A bid sheet must accompany the bid inclosed in the envelope marked "Original."

Blank forms and further information may be obtained at the office of the Storekeeper of the Department, foot of E. 26th st., Borough of Manhattan.

MICHAEL J. DRUMMOND, Commissioner.

Dated August 12, 1913. a14,26

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

BOROUGHS OF BROOKLYN AND QUEENS.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m., on

TUESDAY, AUGUST 19, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY TO RESET TWELVE HORIZONTAL TUBULAR BOILERS IN THE POWER HOUSE AT THE KINGS COUNTY HOSPITAL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is ninety (90) consecutive working days. The surety required will be Fifteen Hundred Dollars ($1,500).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Certified check or cash in the sum of Seventy-five Dollars ($75) must accompany each bid.

Blank forms and further information may be obtained at the office of the Chief Engineer of the Department, foot of E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.

Dated August 6, 1913. a7,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

SUPREME COURT — FIRST DEPARTMENT.

Application for Appointment of Commissioners.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of WEST ONE HUNDRED AND EIGHTIETH STREET, from Aqueduct avenue to Osborne place, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part I thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 26th day of August, 1913, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of West One Hundred and Eightieth street, from Aqueduct avenue to Osborne place, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Parcel "A."

Beginning at a point in the eastern line of Andrews avenue distant 832.82 feet northerly from the point of tangency in the eastern line of Andrews avenue at the northern line of Burnside avenue; thence northerly along the eastern line of Andrews avenue for 64.03 feet; thence easterly deflecting 69 degrees 33 minutes 40 seconds to the right for 398.21 feet to the western line of Aqueduct avenue; thence southerly along last mentioned line for 62.50 feet; thence westerly for 403.074 feet to the point of beginning.

Parcel "B."

Beginning at a point in the western line of Andrews avenue distant 807.99 feet northerly from the point of tangency in the western side of Andrews avenue at the northern line of Burnside avenue; thence northerly along the western line of Andrews avenue for 64.03 feet; thence westerly deflecting 110 degrees 26 minutes 20 seconds to the left for 879.07 feet to the eastern line of Osborne place; thence southerly along last mentioned line for 60.28 feet; thence easterly deflecting 95 degrees 33 minutes 34 seconds to the left for 379.522 feet to the western line of Loring place; thence northerly along last mentioned line for 28.16 feet to the northern line of land acquired for Loring place; thence easterly along last mentioned line for 60.02 feet to the eastern line of Loring place; thence southerly along last mentioned line for 28.08 feet; thence easterly for 423 feet to the point of beginning.

West One Hundred and Eightieth street from Aqueduct avenue to Osborne place is shown on a map entitled "Map or plan showing change of lines and grades of West One Hundred and Eightieth street, from Osborne place to Aqueduct avenue, the adjustment of adjoining streets and the change of grades of intersecting streets affected thereby in the Twenty-fourth Ward, Borough of The Bronx, City of New York," which map was filed in the office of the President of the Borough of The Bronx on February 3, 1910, in the office of the Register of the County of New York on February 3, 1910, as Map No. 1411, and in the office of the Corporation Counsel of The City of New York on February 3, 1910, in pigeonhole 138.

The land to be taken for West One Hundred and Eightieth street is located in Blocks 3216, 3221, 3222, 3228 and 3229 of Section 11 of the Land Map of The City of New York.

The Board of Estimate and Apportionment on the 14th day of November, 1912, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southeasterly line of Andrews avenue where it is intersected by a line passing through a point on the northwesterly line of Andrews avenue and a point on the easterly line of Osborne place, respectively midway between West Ont Hundred and Seventy-ninth street and West One Hundred and Eightieth street, and running thence westwardly along the line so located to a point distant 100 feet westerly from the westerly line of Osborne place, the said distance being measured at right angles to Osborne place; thence northwardly and parallel with Osborne place and its prolongation as laid out at West One Hundred and Eightieth street, to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of West One Hundred and Eightieth street as this street adjoins Osborne place, the said distance being measured at right angles to West One Hundred and Eightieth street; thence eastwardly along the said line parallel with West One Hundred and Eightieth street and along the prolongation of the said line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Andrews avenue, as this street is laid out north of West One Hundred and Eightieth street, the said distance being measured at right angles to Andrews avenue; thence northwardly along the said line parallel with Andrews avenue to the intersection with the prolongation of the southerly property line of the University of The City of New York as this extends across the northerly terminus of Wiegand place; thence eastwardly along the said property line and its prolongation to the intersection with the westerly line of Aqueduct avenue; thence eastwardly at right angles to Aqueduct avenue a distance of 200 feet; thence southwardly and always distant 200 feet easterly from and parallel with the westerly line of Aqueduct avenue to the intersection with a line at right angles to Aqueduct avenue and passing through a point on its westerly side where it is intersected by a line parallel with West One Hundred and Seventy-ninth street as this street is laid out between Andrews avenue and Aqueduct avenue, and passing through the point of beginning; thence westwardly along the said line at right angles to Aqueduct avenue to the intersection with its westerly side; thence westwardly along the said line parallel with West One Hundred and Seventy-ninth street to the point or place of beginning.

Dated New York, August 14, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a14,25

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the widening of EAST ONE HUNDRED AND SIXTY-SEVENTH STREET, from Webster avenue to Clay avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part I thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 26th day of August, 1913, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of

the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the widening of East One Hundred and Sixty-seventh street, from Webster avenue to Clay avenue, in the Twenty-third Ward, Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Beginning at a point in the western line of Webster avenue distant 528.07 feet southerly from the intersection of said line with the southern line of East One Hundred and Sixty-eighth street; thence southerly along the western line of Webster avenue for 20 feet to the northern line of East One Hundred and Sixty-seventh street as legally acquired September 18, 1896; thence westerly along last mentioned line for 180 feet to the eastern line of Clay avenue; thence northerly along last mentioned line for 20 feet; thence easterly for 180 feet to the point of beginning.

East One Hundred and Sixtp-seventh street is shown on a map entitled "Map or Plan showing the widening of East One Hundred and Sixty-seventh street, from Clay avenue to Webster avenue, from 60 to 80 feet at its northerly side in the Twenty-third Ward, Borough of The Bronx, City of New York," filed in the office of the President of the Borough of The Bronx on March 3, 1911; in the office of the Register of the County of New York on March 1, 1911, as Map No. 1490, and in the office of the Corporation Counsel of The City of New York on March 1, 1911, in pigeonhole 154.

The land to be taken for the widening of East One Hundred and Sixty-seventh street is located in Block 2426 of Section 9 of the Land Map of the former City of New York.

The Board of Estimate and Apportionment on the 6th day of March, 1913, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by a line midway between East One Hundred and Sixty-seventh street and East One Hundred and Sixty-eighth street, as these streets are laid out between Clay avenue and Webster avenue, and by the prolongations of the said line; on the east by the westerly right of way line of the New York and Harlem Railroad; on the south by a line midway between East One Hundred and Sixty-sixth street and East One Hundred and Sixty-seventh street as these streets are laid out between Findlay avenue and Teller avenue, and by the prolongations of the said line, and on the west by a line midway between College avenue and Findlay avenue.

Dated, New York, August 14, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a14,25

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of LURTING AVENUE (also known as Hone avenue and as Forest avenue), from Walker avenue to the property of the New York, New Haven and Hartford Railroad Company, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part I thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 26th day of August, 1913, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Lurting avenue (also known as Hone avenue and as Forest avenue), from Walker avenue to the property of the New York, New Haven and Hartford Railroad Company, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Beginning at a point in the northern line of Walker avenue (legally acquired as West Farms road) distant 3,771.09 feet easterly from the intersection of said line with the eastern line of Unionport road; thence easterly along the northern line of Walker avenue for 60 feet; thence northerly deflecting 90 degrees 13 minutes 53 seconds to the left for 435.96 feet; thence westerly deflecting 100 degrees 41 minutes 36.8 seconds to the left for 61.06 feet; thence southerly for 424.388 feet to the point of beginning.

Lurting avenue is shown on Section 46 of the Final Maps of the Borough of The Bronx, which map was filed in the office of the President of the Borough of The Bronx on April 8, 1912; in the office of the Register of the County of New York on April 5, 1912, as Map 1603, and in the office of the Corporation Counsel of The City of New York on April 6, 1912, as Map No. 185.

The land to be taken for Lurting avenue is located east of the Bronx River.

The Board of Estimate and Apportionment on the 19th day of September, 1912, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the north by the southerly right of way line of the New York, New Haven and Hartford Railroad; and on the east by a line midway between Lurting avenue and Haight avenue, and by the prolongations of the said line; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Walker avenue, the said distance being measured at right angles to Walker avenue; and on the west by a line midway between Lurting avenue and Hone avenue, and by the prolongation of the said line.

Dated, New York, August 14, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a14,25

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of THROOP AVENUE, from Allerton avenue to Gun Hill road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part I thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 26th day of August, 1913, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Throop avenue, from Allerton avenue to Gun Hill road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Beginning at a point in the southern line of Gun Hill road distant 809.39 feet easterly from the intersection of said line with the eastern line of Boston road; thence easterly along the southern line of Gun Hill road for 64.43 feet; thence southerly deflecting 68 degrees 37 minutes 18.9 seconds to the right for 2,451.06 feet; thence westerly deflecting 90 degrees to the right for 60 feet; thence northerly for 2,474.544 feet to the point of beginning.

Throop avenue from Allerton avenue to Gun Hill road is shown on Section 35 of the Final Maps of the Borough of The Bronx, which map was filed in the office of the President of the Borough of The Bronx on June 21, 1913; in the office of the Register of the County of New York on June 17, 1911, as Map No. 1532, and in the office of the Corporation Counsel of The City of New York on June 19, 1911, in pigeonhole 165.

The land to be taken for Throop avenue is located east of the Bronx River.

The Board of Estimate and Apportionment on the 13th day of June, 1912, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southerly line of Gun Hill road midway between Throop avenue and Bouck avenue, and running thence southwardly along a line midway between Throop avenue and Bouck avenue and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of Allerton avenue; thence westwardly and parallel with Allerton avenue to the intersection with the prolongation of a line midway between Pearsall avenue and Throop avenue; thence northwardly along the said line midway between Pearsall avenue and Throop avenue and along the prolongations of the said line to the intersection with the centre line of Givan avenue; thence northeastwardly along the centre line of Givan avenue to the intersection with a line distant 100 feet northerly form and parallel with the northerly line of Gun Hill road, the said distance being measured at right angles to Gun Hill road; thence eastwardly along the said line parallel with Gun Hill road to the intersection with the centre line of Bouck avenue; thence southeastwardly along the centre line of Bouck avenue to the intersection with a line at right angles to Gun Hill road and passing through the point of beginning; thence southwardly along the said line at right angles to Gun Hill road to the point or place of beginning.

Dated, New York, August 14, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a14,25

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of ADAMS STREET, from Morris Park avenue to the New York, New Haven and Hartford Railroad; MELVILLE STREET, from Morris Park avenue to the New York, New Haven and Hartford Railroad, and VAN BUREN STREET, from Morris Park avenue to the New York, New Haven and Hartford Railroad, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part I. thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 20th day of August, 1913, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Adams street, from Morris Park avenue to the New York, New Haven and Hartford Railroad; Melville street, from Morris Park avenue to the New York, New Haven and Hartford Railroad, and Van Buren street, from Morris Park avenue to the New York, New Haven and Hartford Railroad, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

ADAMS STREET.

Beginning at a point in the eastern line of Morris Park avenue distant 248.32 feet northeasterly from the intersection of said line with the northern line of East One Hundred and Eightieth street, thence northeasterly along the eastern line of Morris Park avenue 60.02 feet, thence southeasterly deflecting 88 degrees 26 minutes 34 seconds to the right for 257.05 feet, thence southeasterly deflecting 20 degrees 47 minutes 30 seconds to the right for 613.34 feet, thence southwesterly deflecting 90 degrees to the right for 60 feet, thence northwesterly deflecting 90 degrees to the right for 602.34 feet, thence northwesterly for 247.67 feet to the point of beginning.

VAN BUREN STREET.

Beginning at a point in the eastern line of Morris Park avenue distant 611.52 feet northerly from the intersection of said line with the northern line of East One Hundred and Eightieth street, thence northerly along the eastern line of Morris Park avenue for 52.96 feet, thence southeasterly deflecting 109 degrees 14 minutes 04 seconds to the right for 1,056.70 feet, thence westerly deflecting 102 degrees 08 minutes 52 seconds to the right for 51.15 feet, thence northwesterly for 1,028.49 feet to the point of beginning.

Van Buren street is laid out on Section 37, mentioned below.

MELVILLE STREET.

Beginning at a point in the eastern line of Morris Park avenue distant 874.76 feet northerly from the intersection of said line with the northern line of East One Hundred and Eightieth street, thence northeasterly along the eastern line of Morris Park avenue for 50.16 feet, thence southeasterly deflecting 90 degrrees to the right for 1,174.09 feet, thence westerly, deflecting 102 degrees 08 minutes 52 seconds to the right for 51.15 feet, thence northwesterly for 1,159.94 feet to the point of beginning.

Melville street is laid out on Section 37, mentioned below.

Adams street is laid out on Section 37 of Final Maps of the Borough of The Bronx filed in the office of the President of the Borough of The Bronx on June 21, 1911; in the office of the Register of the County of New York on June 17, 1911, as Map No. 1534, and in the office of the Corporation Counsel of The City of New York on June 19, 1911, in pigeonhole 164; and also on "Map showing the change of lines and grades of Adams street, between Van Nest avenue and the New York, New Haven and Hartford Railroad," which map was filed in the office of the President of the Borough of The Bronx on October 3, 1912; in the office of the Register of the County of New York on September 30, 1912, as Map No. 1662, and in the office of the Corporation Counsel of The City of New York on Septemuer 30, 1912, in pigeonhole 203.

The land to be taken for Adams street, Melville street and Van Buren street is located east of the Bronx River.

The Board of Estimate and Apportionment on the 17th day of October, 1912, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the northwest by a line always distant 100 feet northwesterly from and parallel with the northwesterly line of Morris Park avenue, the said distance being measured at right angles to Morris Park avenue; on the northeast by a line midway between Melville street and Taylor street and by the prolongation of the said line; on the south by the northerly property line of the New York, New Haven and Hartford Railroad, and on the southwest by a line always distant 100 feet southwesterly from and parallel with the southwesterly line of Adams street and its prolongation, the said distance being measured at right angles to Adams street.

Dated, New York, August 8, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a8-19

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of BRADY AVENUE, from Bronx Park East to Radcliff avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part I. thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 20th day of August, 1913, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Brady avenue, from Bronx Park East to Radcliff avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Parcel "A."

Beginning at a point in the western line of White Plains road distant 1,524.27 feet southerly from the intersection of said line with the southern line of Bronx and Pelham Parkway, thence southerly along the western line of White Plains road for 60.0 feet, thence westerly deflecting 90 degrees to the right for 150.345 feet to the eastern line of Bronx Park East, thence northerly along the eastern line of Bronx Park East for 62.64 feet, thence easterly for 168.330 feet to the point of beginning.

Parcel "B."

Beginning at a point in the eastern line of White Plains road distant 1,530.09 feet southerly from the intersection of said line with the southern line of Bronx and Pelham Parkway, thence southerly along the eastern line of White Plains road for 60.0 feet, thence easterly deflecting 90 degrees to the left for 2,020.0 feet, thence northerly deflecting 90 degrees to the left for 60.0 feet, thence westerly for 2,020.0 feet to the point of beginning.

Brady avenue, between Bronx Park East and Radcliff avenue, is shown on "Sections 36, 37 and 41 of the Final Maps of the Borough of The Bronx, prepared by the President of the Borough of The Bronx under authority of chapter 466 of the Laws of 1901 and amendatory acts," which maps were filed as follows:

Section No. 36—Office of the President of The Borough of The Bronx, June 21, 1911; Register's Office, June 17, 1911, Map No. 1533; Office of Corporation Counsel, June 19, 1911, pigeonhole 164. Section No. 37—Office of the President of the Borough of The Bronx, June 21, 1911; Register's Office, June 17, 1911, Map No. 1534; Office of Corporation Counsel, June 19, 1911, pigeonhole 164. Section No. 41—Office of the President of the Borough of The Bronx, November 13, 1911 Register's Office, November 10, 1911, Map No. 1564; Office of Corporation Counsel, November 10, 1911, pigeonhole 177.

Land required for Brady avenue is located east of the Bronx River.

The Board of Estimate and Apportionment on the 18th day of April, 1912, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the centre line of Colden avenue where it is intersected by the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Brady avenue, the said distance being measured at right angles to Brady avenue, and running thence southeastwardly along the centre line of Colden avenue to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Radcliff avenue as this street is laid out between Neil avenue and Colden avenue, the said distance being measured at right angles to Radcliff avenue; thence southwardly along the said line parallel with Radcliff avenue to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Brady avenue, the said distance being measured at right angles to Brady avenue; thence westwardly along the said line parallel with Brady avenue and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Brady avenue and the northwesterly line of Neil avenue, as these streets are laid out where they adjoin Bogart avenue on the west; thence southwestwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Brady avenue and the northeasterly line of Bear Swamp road as these streets are laid out between White Plains road and Cruger avenue; thence northwestwardly along the said bisecting line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Brady avenue, the said distance being measured at right angles to Brady avenue; thence westwardly along the said line parallel with Brady avenue and along the prolongation of the said line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Bronx Park East, the said distance being measured at right angles to Bronx Park East; thence northwardly along the said line parallel with Bronx Park East to the intersection with a line at right angles to Bronx Park East and passing through a point on its easterly side midway between Brady avenue and Lydig avenue; thence eastwardly along the said line at right angles to Bronx Park East to the intersection with the prolongation of a line midway between Brady avenue and Lydig avenue as these streets are laid out east of White Plains road; thence eastwardly along the said line midway between Brady avenue and Lydig avenue and along the prolongation of the said line to the intersection with the prolongation of a line midway between Bogart avenue and Radcliff avenue as these streets are laid out where they adjoin Brady avenue; thence southwardly along the said line midway between Bogart avenue and Radcliff avenue and along the prolongation of the said line to the intersection with a line parallel with Brady avenue and passing through the point of beginning; thence eastwardly along the said line parallel with Brady avenue to the point or place of beginning.

Dated, New York, August 8, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a8,19

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of REVIEW PLACE, from West Two Hundred and Thirty-eighth street to Van Cortlandt Park South, and WEST TWO HUNDRED AND FORTIETH STREET, from Spuyten Duyvil road to Broadway, subject, however, to the Interborough Rapid Transit Company's easement for the maintenance and operation of its elevated railroad structure constructed in West Two Hundred and Fortieth street, between Spuyten Duyvil road and Broadway, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part I thereof, in and for the County of New York, in the County Court House, in the Borough of Manhattan, City of New York, on the 20th day of August, 1913, at the opening of Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Review place, from West Two Hundred and Thirty-eighth street to Van Cortlandt Park South, and West Two Hundred and Fortieth street, from Spuyten Duyvil road to Broadway, subject, however, to the Interborough Rapid Transit Company's easement for the maintenance and operation of its elevated railroad structure constructed in West Two Hundred and Fortieth street, between Spuyten Duyvil road and Broadway, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

REVIEW PLACE.

Beginning at a point in the northern line of West Two Hundred and Thirty-eighth street distant 200 feet easterly from the intersection of said line with the eastern line of Broadway; thence easterly along the northern line of West Two Hundred and Thirty-eighth street for 60 feet; thence northerly deflecting 90 degrees to the left for 531.48 feet; thence westerly deflecting 96 degrees 46 minutes 57 seconds to the left for 60.42 feet; thence southerly for 524.35 feet to the point of beginning.

WEST TWO HUNDRED AND FORTIETH STREET.

Beginning at a point in the western line of Broadway distant 490.72 feet northerly from the intersection of said line with the northern line of West Two Hundred and Thirty-eighth street; thence northerly along the western line of Broadway for 80 feet; thence westerly deflecting 90 degrees to the left for 665.05 feet; thence southerly deflecting 106 degrees 44 minutes 38 seconds to the left for 83.54 feet; thence easterly for 640.98 feet to the point of beginning.

Review place is shown on Section 21 of the final maps of the Twenty-third and Twenty-fourth Wards, which was filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards on December 16, 1895; in the office of the Register of the County of New York on December 17, 1895, as Map No. 1065, and in the office of the Secretary of State of the State of New York on December 17, 1895.

West Two Hundred and Fortieth street, from Spuyten Duyvil road to Broadway, is shown on a map entitled "Map or plan showing the change of the street system and the grades within the territory bounded by West Two Hundred and Thirty-sixth street, Waldo avenue, West Two Hundred and Forty-second street and Broadway, in the Twenty-fourth Ward, Borough of The Bronx, City of New York," which map was filed in the office of the President of the Borough of The Bronx on February 8, 1910; in the office of the Register of the County of New York on January 24, 1910, as Map No. 1406, and in the office of the Corporation Counsel of The City of New York on January 24, 1910, in pigeonhole 138.

The land to be taken for Review place is located in Block 3271 of Section 12 of the Land Map of the former City of New York, and the land to be taken for West Two Hundred and Fortieth street is located in Block 3414 of Section 13 of the Land Map of the former City of New York.

The Board of Estimate and Apportionment on the 6th day of March, 1913, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the easterly line of Spuyten Duyvil road midway between its intersection with the northerly line of West Two Hundred and Fortieth street and the point of curve near West Two Hundred and Forty-second street, and running thence eastwardly in a straight line to a point on the westerly line of Broadway, midway between its intersection with the northerly line of West Two Hundred and Fortieth street and the point or curve near West Two Hundred and Forty-second street; thence eastwardly at right angles to Broadway a distance of 175 feet; thence southwardly and parallel with Broadway to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Van Courtlandt Park South, the said distance being measured at right angles to Van Courtlandt Park South; thence eastwardly and parallel with Van Court-

landt Park South to the intersection with a line at right angles to Van Courtlandt Park South and passing through a point on its southerly side where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Review place and the westerly line of Putnam Avenue West ,as these streets adjoin Van Courtlandt Park South; thence southwardly along the said line at right angles to Van Courtlandt Park South to the intersection with its southerly side; thence southwardly along the said bisecting line to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Review place, the said distance being measured at right angles to Review place; thence southwardly along the said line parallel with Review place and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of West Two Hundred and Thirty-eighth street; thence westwardly and parallel with West Two Hundred and Thirty-eighth street to the intersection with the prolongation of a line midway between Broadway and Review place; thence northwardly along the said line midway between Broadway and Review place and along the prolongation of the said line to the intersection with the prolongation of a line midway between West Two Hundred and Thirty-eighth street and West Two Hundred and Fortieth street, as these streets adjoin Broadway on the west; thence westwardly along the said line midway between West Two Hundred and Thirty-eighth and West Two Hundred and Fortieth street and along the prolongations of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northerly line of West Two Hundred and Thirty-eighth street and the southerly line of West Two Hundred and Fortieth street, as these streets are laid out between Tibbett avenue and the Corlear avenue; thence westwardly along the said bisecting line to the intersection with the easterly line of Spuyten Duyvil road; thence westwardly at rght angles to Spuyten Duyvil road to a point distant 100 feet westerly from its westerly side; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Spuyten Duyvil road to the intersection with a line at right angles to Spuyten Duyvil road and passing through the point of begnnng; thence eastwardly along the said line at right angles to Spuyten Duyvil road to the point or place of beginning.

Dated New York, August 8, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a8,19

Filing Preliminary Abstracts.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of EAST TWO HUNDRED AND THIRTY-SIXTH STREET, from First street (or Bullard avenue) to Barnes avenue; and of EAST TWO HUNDRED AND THIRTY-SEVENTH STREET, from Bullard avenue (First street) to Barnes avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their supplemental and amended estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 26th day of August, 1913, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 28th day of August, 1913, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his supplemental and amended estimate of benefit, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 26th day of August, 1913, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 29th day of August, 1913, at 2.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 18th day of December, 1908, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the westerly side of Bullard avenue where it is intersected by the prolongation of a line midway between East Two Hundred and Thirty-fifth street and East Two Hundred and Thirty-sixth street, and thence running northwardly, westwardly and northwardly along the said westerly line of Bullard avenue to the intersection with the prolongation of a line midway between East Two Hundred and Thirty-seventh street and Nereid avenue; thence southeastwardly along the said line midway between Nereid avenue and East Two Hundred and Thirty-seventh street and the prolongation thereof to the intersection of a line bisecting the angle formed by the intersection of the prolongations of the northeasterly line of East Two Hundred and Thirty-seventh street and the southwesterly line of Nereid avenue, as these streets are laid out between White Plains road and Byron avenue; thence southeastwardly along the said bisecting line to a point distant 100 feet southeasterly from the southeasterly line of Barnes avenue, the said distance being measured at right angles to the line of Barnes avenue; thence southwestwardly and parallel with Barnes avenue to the intersection with a line midway between East Two Hundred and Thirty-fourth street and East Two Hundred and Thirty-fifth street; thence northwestwardly along the said line midway between East Two Hundred and Thirty-fourth street and East Two Hundred and Thirty-fifth street to a point distant 100 feet northwesterly from the northwesterly line of White Plains road; thence northeastwardly and parallel with White Plains road to the intersection with a line midway between East Two Hundred and Thirty-fifth street and East Two Hundred and Thirty-sixth street; thence northwestwardly along the said line midway between East Two Hundred and Thirty-fifth street and East Two Hundred and Thirty-sixth street, and the prolongation thereof to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 28th day of August, 1913.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 16th day of October, 1913, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them, the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such case to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, August 1, 1913.

GEORGE B. HAYES, Chairman; WILLIAM J. KELLY, MONROE GOLDWATER, Commissioners of Estimate; GEORGE B. HAYES, Commissioner of Assessment.

JOEL J. SQUUIER, Clerk. a6,22

Hearings on Qualifications.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the southerly extension of SEVENTH AVENUE, from Greenwich avenue to Carmine street; for the widening of VARICK STREET, from Carmine street to Franklin street; and for the extension of VARICK STREET, from Franklin street to West Broadway, Borough of Manhattan, City of New York, as laid out on the map or plan of The City of New York by resolution adopted by the Board of Estimate and Apportionment on March 21, 1912, and approved by the Mayor on March 27, 1912.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 31st day of July, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 31st day of July, 1913, Hon. Jacob A. Cantor, Harry N. French and Henry Brady, Esqs., were appointed Commissioners of Estimate in the above entitled proceeding, and that in and by the said order Harry N. French, Esq., was appointed the Commissioner of Assessment.

Notice is further given that pursuant to the statutes in such cases made and provided the said Hon. Jacob A. Cantor, Harry N. French and Henry Brady, Esqs., will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, held in and for the County of New York, at the County Court House, in the Borough of Manhattan, in The City of New York, on the 26th day of August, 1913, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in said proceeding, as to their qualifications to act as such Commissioners.

Dated New York, August 14, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. a14,25

SUPREME COURT—SECOND DEPARTMENT

Filing Reports.

SECOND JUDICIAL DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises in the block bounded by Stuyvesant place, DeKalb street, Jay street and South street, in the First Ward (New Brighton) of the Borough of Richmond, in The City of New York, duly selected as a site for an additional County Court House, in the County of Richmond.

NOTICE IS HEREBY GIVEN THAT THE report of George S. Scofield, Frank H. Innes and Russell Bleecker, Commissioners of Estimate and Appraisal, duly appointed in the above entitled proceeding, which report bears date the 11th day of August, 1913, was filed in the office of the Board of Aldermen on the 12th day of August, 1913, and a duplicate of said report was filed in the office of the Clerk of the County of Richmond on the same day.

Notice is further given that the said report will be presented for confirmation to the Supreme Court of the State of New York, in the Second Judicial District, at a Special Term thereof for the hearing of contested motions, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 26th day of August, 1913, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, August 13, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Borough of Manhattan, City of New York. a14,25

Filing Bill of Costs.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of GEORGIA AVENUE, from Belmont avenue to Sutter avenue, in the Twenty-sixth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 29th day of August, 1913, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, August 16, 1913.

FRANCIS J. SULLIVAN, JOSEPH F. CURREN, SOLON BARBANELL, Commissioners of Estimate; FRANCIS J. SULLIVAN, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. a16,27

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired to the lands, tenements and hereditaments required for the opening and extending of BARBEY STREET, from Repose place to Vandalia avenue; JEROME STREET, from Glenmore avenue to Pitkin avenue, and from New Lots avenue to Vandalia avenue, in the Twenty-sixth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 26th day of August, 1913, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of ten days, as required by law.

Dated Borough of Brooklyn, New York, August 13, 1913.

JOHN F. CANAVAN, ALGERNON I. NOVA, JOSEPH J. EARLY, Commissioners of Estimate; JOHN F. CANAVAN, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. a13,23

Application for Appointment of Commissioners.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of SKILLMAN AVENUE, from the angle point between Hulst street and Van Pelt street to Woodside avenue, in the First and Second Wards, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Thursday, the 21st day of August, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Skillman avenue, from the angle point between Hulst street and Van Pelt street to Woodside avenue, in the First and Second Wards, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at the angle point upon the southerly line of Skillman avenue, between Van Pelt street and Hulst street; running thence northerly for 81.63 feet to the angle point on the northerly line of Skillman avenue west of Harold avenue; thence easterly deflecting to the right 101 degrees 32 minutes 51 seconds for 341.60 feet along the northerly line of Skillman avenue to the westerly line of Harold avenue; thence easterly deflecting to the left 00 degrees 01 minutes 012 seconds for 60.00 feet to the eastery line of Harold avenue; thence easterly deflecting to the right 00 degrees 12 minutes 02 seconds for 4,189.09 feet along the northerly line of Skillman avenue to the westerly line of First street; thence easterly deflecting to the right 9 degrees 23 minutes 56 seconds for 60.01 feet along the northerly line of Skillman avenue to the easterly line of First street; thence easterly deflecting to the right 1 degree 19 minutes 00 seconds for 460.01 feet along the northerly line of Skillman avenue; thence easterly deflecting to the left on the arc of a circle tangent to the preceding course, the radius of which is 221.14 feet for 119.79 feet along the northerly line of Skillman avenue; thence easterly on a tangent to the last mentioned course for 329.49 feet along the northerly line of Skillman avenue; thence easterly deflecting to the right 11 degrees 15 minutes 57 seconds for 88.67 feet along the northerly line of Skillman avenue to the westerly line of Fifth street; thence northerly deflecting to the left 79 degrees 02 minutes 16 seconds for 54.85 feet along the westerly line of Fifth street to the southerly line of Woodside avenue; thence easterly deflecting to the right 102 degrees 18 minutes 10 seconds for 136.32 feet along the southerly line of Woodside avenue prolonged; thence easterly deflecting to the left 21 degrees 34 minutes 17 seconds for 210.89 feet to the northerly line of old Woodside avenue; thence easterly deflecting to the right 17 degrees 42 minutes 22 seconds for 293.89 feet along the northerly line of old Woodside avenue; thence westerly deflecting to the right 165 degrees 07 minutes 00 seconds for 302.87 feet to the southerly line of Woodside avenue; thence westerly deflecting to the left 4 degrees 30 minutes 59 seconds for 402.52 feet along the southerly line of Skillman avenue; thence westerly deflecting to the left 11 degrees 15 minutes 57 seconds for 405.23 feet along the southerly line of Skillman avenue; thence westerly deflecting to the right 31 degrees 02 minutes 12 seconds for 545.72 feet along the southerly line of Skillman avenue to the easterly line of First street; thence westerly deflecting to the left 1 degree 36 minutes 15 seconds for 50.63 feet to the westerly line of First street; thence westerly deflecting to the left 9 degrees 06 minutes 41 seconds for 4,171.38 feet along the southerly line of Skillman avenue to the easterly line of Harold avenue; thence westerly deflecting to the left 00 degrees 10 minutes 19 seconds for 80.00 feet to the westerly line of Harold avenue; thence westerly for 315 feet along the southerly line of Skillman avenue to the angle point between Van Pelt street and Hulst street, the point or place of beginning.

Skillman avenue, extending from Woodside avenue to the angle point between Hulst street and Van Pelt street, in the First and Second Wards, Borough of Queens, City of New York, is laid down upon the following sections of the final maps, as amended:

Section No. 3, approved by Board of Estimate and Apportionment July 6, 1911; approved by the Mayor July 11, 1911; filed at the office of the President of the Borough of Queens October 23, 1911; filed at County Clerk's office, Jamaica, October 17, 1911; filed at Corporation Counsel's office October 16, 1911. Section No. 10, approved by Board of Estimate and Apportionment November 2, 1911; approved by the Mayor November 18, 1911; filed at the office of the President of the Borough of Queens February 28, 1912; filed at County Clerk's office, Jamaica, February 26, 1912; filed at Corporation Counsel's office February 27, 1912. Section 11, approved by Board of Estimate and Apportionment October 17, 1912; approved by the Mayor October 24, 1912; filed at the office of the President of the Borough of Queens April 23, 1913; filed at County Clerk's office, Jamaica, April 22, 1913; filed at Corporation Counsel's office April 19, 1913, and upon the Commissioner's map of Long Island City as amended.

The Board of Estimate and Apportionment on the 9th day of January, 1913, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the prolongation of a line midway between Hulst street and Van Pelt street, where it is intersected by the prolongation of a line midway between Middleburg avenue and Skillman avenue, as these streets are laid out immediately west of Gosman avenue, and running thence eastwardly along the said line midway between Middleburg avenue and Skillman avenue, and along the prolongations of the said line, to the intersection with the southwesterly right of way line of the main line division of the Long Island Railroad; thence southeastwardly along the said right of way line to the intersection with the prolongation of a line midway between Vaux street and Eighth street; thence southwardly along the said line midway between Vaux street and Eighth street to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Schroeder place, as this street is laid out immediately south of and adjoining Woodside avenue, the said distance being measured at right angles to Schroeder place; thence southwardly along the said line parallel with Schroeder place and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the southerly line of Skillman avenue and the northerly line of Grout avenue, as these streets are laid out immediately adjoining Fifth street on the east; thence westwardly along the said bisecting line to the intersection with the westerly line of Fourth street; thence westwardly in a straight line to a point on the easterly line of Third street, where it is intersected by a line bisecting the angle formed by the intersection of the prolongation of the southerly line of Skillman avenue and the northerly line of Grout avenue, as these streets are laid out between First street and Third street; thence westwardly along the said bisecting line to the intersection with a line midway between Hancock place and Lincoln avenue; thence northwardly along the said line midway between Hancock place and Lincoln avenue to the intersection with the prolongation of a line midway between Skillman avenue and Foster avenue, as these streets are laid out immediately east of Van Pelt street; thence westwardly along the said line midway between Skillman avenue and Foster avenue and along the prolongations of the said line to the intersection of a line midway between Hulst street and Van Pelt street; thence northwardly along the said line midway between Hulst street and Van Pelt street and along the prolongation of the said line to the point or place of beginning.

Dated New York, August 9, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a9,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of BORDEN AVENUE, from Greenpoint avenue to Laurel Hill boulevard, and of GOULD AVENUE, from Greenpoint avenue to Madden street, and from Locust street to Addison place, in the First and Second Wards, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in the City of New York, on Thursday, the 21st day of August, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Borden avenue, from Greenpoint avenue to Laurel Hill boulevard, and of Gould avenue, from Greenpoint avenue to Madden street, and from Locust street to Addison place, in the First and Second Wards, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

BORDEN AVENUE.

Beginning at a point formed by the intersection of the northerly line of Borden avenue with the northerly line of Laurel Hill boulevard; running thence westerly for 168.26 feet along the northerly line of Laurel Hill boulevard to the southerly line of Borden avenue; thence westerly deflecting to the right 49 degrees 28 minutes 36 seconds for 23.76 feet along the southerly line of Borden avenue; thence westerly deflecting to the left 11 degrees 03 minutes 23 seconds for 718.20 feet along the southerly line of Borden avenue; thence westerly deflecting to the left 10 degrees 57 minutes 20 seconds for 363.27 feet along the southerly line of Borden avenue; thence westerly deflecting to the left 3 degrees 18 minutes 11 seconds for 1,261.46 feet along the southerly line of Borden avenue to the southeasterly line of Greenpoint avenue; thence northeasterly deflecting to the right 135 degrees 27 minutes 26 seconds for 142.57 feet along the southeasterly line of Greenpoint avenue to the northerly line of Borden avenue; thence easterly deflecting to the right 44 degrees 32 minutes 34 seconds for 1,289.36 feet along the northerly line of Borden avenue to the northeasterly line of old Hunters Point avenue; thence northwesterly deflecting to the left 163 degrees 02 minutes 04 seconds for 30.61 feet along the northeasterly line of old Hunters Point avenue to the easterly line of Bragaw street; thence southeasterly deflecting to the right 178 degrees 26 minutes 57 seconds for 69.22 feet along the northeasterly line of new Hunters Point avenue to the northerly line of Borden avenue; thence easterly deflecting to the left 12 degrees 06 minutes 42 seconds for 137.07 feet along the northerly line of Borden avenue to the westerly line of Lowery street; thence easterly deflecting to the left 2 degrees 34 minutes 27 seconds for 60.37 feet to the easterly line of Lowery street; thence easterly for 897.19 feet along the northerly line of Borden avenue to the northerly line of Laurel Hill boulevard, the point or place of beginning.

GOULD AVENUE.

Parcel "A."

Beginning at a point formed by the intersection of the southeasterly line of Greenpoint avenue with the southerly line of Gould avenue; running thence northeasterly for 215.64 feet along the southeasterly line of Greenpoint avenue to the easterly line of Harold avenue; thence southerly deflecting to the right 125 degrees 58 minutes 30 seconds for 46.67 feet along the easterly line of Harold avenue to the northerly line of Gould avenue; thence easterly deflecting to the left 90 degrees for 980 feet along the northerly line of Gould avenue to the westerly line of Madden street; thence southerly deflecting to the right 90 degrees for 80 feet along the westerly line of Madden street to the southerly line of Gould avenue; thence westerly for 1,154.51 feet along the southerly line of Gould avenue to the southeasterly line of Greenpoint avenue, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the easterly line of Locust street with the southerly line of Gould avenue; running thence northerly for 80 feet along the easterly line of Locust street to the northerly line of Gould avenue; thence easterly deflecting to the right 90 degrees for 1,238.38 feet along the northerly line of Gould avenue to the westerly line of Addison place; thence southerly deflecting to the right 96 degrees 09 minutes 26 seconds for 80.46 feet along the westerly line of Addison place, to the southerly line of Gould avenue; thence westerly for 1,229.75 feet along the southerly line of Gould avenue to the easterly line of Locust street, the point or place of beginning.

Borden avenue and Gould avenue are shown upon the Commissioners' Map of Long Island City, filed at the office of the City Clerk of Long Island City December 31, 1875, as amended, and laid down upon Section 2 of the Final Maps of the Borough of Queens, approved by the Board of Estimate and Apportionment July 1, 1910, and by the Mayor July 13, 1910; filed at the office of the President of the Borough of Queens October 29, 1910; at the office of the County Clerk at Jamaica October 29, 1910, and at the office of the Corporation Counsel October 24, 1910, as amended by a map altering the lines of Borden avenue, between Harold avenue and Lowery street, approved by the Board of Estimate and Apportionment April 17, 1913; by the Mayor April 23, 1913, copies of the same having been filed at the office of the President of the Borough of Queens June 10, 1913, at the office of the County Clerk, Jamaica, June 9, 1913, and at the office of the Corporation Counsel June 9, 1913.

The Board of Estimate and Apportionment on the 29th day of May, 1913, duly fixed and determined the area of assessment for benefit in this proceeding to be as follows:

Beginning at a point on a line midway between Gould avenue and Anable avenue, distant 100 feet northwesterly from the northwesterly line of Greenpoint avenue, the said distance being measured at right angles to Greenpoint avenue, and running thence eastwardly along the said line midway between Gould avenue and Anable avenue and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Addison place, the said distance being measured at right angles to Addison place; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Addison place to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the southerly line of Gould avenue and the northerly line of Laurel Hill boulevard; thence westwardly along the said bisecting line to the intersection with a line midway between Locust street and Packard street; thence southwardly along the said line midway between Locust street and Packard street to the intersection with the northerly line of Borden avenue; thence southwardly along a line parallel with Montgomery avenue to the intersection with a line midway between Townsend avenue and Jones avenue; thence westwardly along the said line midway between Townsend avenue and Jones avenue to the intersection with the easterly line of Laurel Hill boulevard; thence westwardly in a straight line to a point on the northwesterly line of Greenpoint avenue midway between Bradley avenue and Gale street; thence northwestwardly at right angles to Greenpoint avenue a distance of 100 feet; thence northeastwardly and parallel with Greenpoint avenue to the point or place of beginning.

Dated New York, August 9, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a9,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, teneiments and hereditaments required for the opening and extending of SCHOOL STREET, from Thomson avenue to a point 100 feet north of Nott avenue; HILL STREET, from Skillman avenue to Gale street; RAWSON STREET, from Skillman avenue to Hunters Point avenue; MOORE STREET, from Skillman avenue to Hunters Point avenue; HONEYWELL STREET, from Queens boulevard to Hunters Point avenue, and BUCKLEY STREET, from Skillman avenue to Hunters Point avenue, in the First Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Thursday, the 21st day of August, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of School street, from Thomson avenue to a point 100 feet north of Nott avenue; Hill street, from Skillman avenue to Gale street; Rawson street, from Skillman avenue to Hunters Point avenue; Moore street, from Skillman avenue to Hunters Point avenue; Honeywell street, from Queens boulevard to Hunters Point avenue, and Buckley street, from Skillman avenue to Hunters Point avenue, in the First Ward, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

SCHOOL STREET.

Beginning at a point formed by the intersection of the southerly line of Thomson avenue with the westerly line of School street; running thence easterly 60.00 feet along the southerly line of Thomson avenue to the easterly line of School street; thence southerly deflecting to the right 90 degrees for 500.00 feet along the easterly line of School street to a point distant 100 feet north from Nott avenue; thence westerly deflecting to the right 90 degrees for 60.00 feet to the westerly line of School street; thence northerly for 500.00 feet along the westerly line of School street to the southerly line of Thomson avenue, the point or place of beginning.

HILL STREET.

Parcel "A."

Beginning at a point formed by the intersection of the northeasterly line of Gale street with the easterly line of Hill street; running thence northwesterly for 105.65 feet along the northeasterly line of Gale street to the westerly line of Hill street; thence northerly deflecting to the right 34 degrees 36 minutes 12 seconds for 240.55 feet along the westerly line of Hill street to the southerly line of Hunters Point avenue; thence easterly deflecting to the right 112 degrees 36 minutes 28 seconds for 64.99 feet along the southerly line of Hunters Point avenue to the easterly line of Hill street; thence southerly for 302.53 feet along the easterly line of Hill street to the northeasterly line of Gale street, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the northerly line of Hunters Point avenue with the easterly line of Hill street; running thence westerly for 64.99 feet along the northerly line of Hunters Point avenue to the westerly line of Hill street; thence northerly deflecting to the right 67 degrees 23 minutes 32 seconds for 2,555.55 feet along the westerly line of Hill street to the southerly line of Skillman avenue; thence easterly deflecting to the right 65 degrees 53 minutes 29 seconds for 65.73 feet along the southerly line of Skillman avenue to the easterly line of Hill street; thence southerly for 2,607.38 feet along the easterly line of Hill street to the northerly line of Hunters Point avenue, the point or place of beginning.

RAWSON STREET.

Beginning at a point formed by the intersection of the northerly line of Hunters Point avenue with the easterly line of Rawson street; running thence westerly for 64.99 feet along the northerly line of Hunters Point avenue to the westerly line of Rawson street; thence northerly deflecting to the right 67 degrees 23 minutes 27 seconds for 2,776.72 feet along the westerly line of Rawson street to the southerly line of Skillman avenue; thence easterly deflecting to the right 66 degrees 43 minutes 19 seconds for 65.32 feet along the southerly line of Skillman avenue to the easterly line of Rawson street; thence southerly for 2,827.52 feet along the easterly line of Rawson street to the northerly line of Hunters Point avenue, the point or place of beginning.

MOORE STREET.

Beginning at a point formed by the intersection of the northerly line of Hunters Point avenue with the easterly line of Moore street; running thence westerly for 65.00 feet along the northerly line of Hunters Point avenue to the westerly line of Moore street; thence northerly deflecting to the right 67 degrees 23 minutes 20 seconds for 2,996.85 feet along the westerly line of Moore street to the southerly line of Skillman avenue; thence easterly deflecting to the right 66 degrees 43 minutes 27 seconds for 65.32 feet along the southerly line of Skillman avenue to the easterly line of Moore street; thence southerly for 3,047.65 feet along the easterly line of Moore street to the northerly line of Hunters Point avenue, the point or place of beginning.

HONEYWELL STREET.

Beginning at a point formed by the intersection of the northerly line of Hunters Point avenue with the easterly line of Honeywell street; running thence westerly for 64.96 feet along the northerly line of Hunters Point avenue to the westerly line of Honeywell street; thence northerly deflecting to the right 67 degrees 27 minutes 56 seconds for 2,207.24 feet along the westerly line of Honeywell street to the southerly line of Queens boulevard; thence easterly deflecting to the right 90 degrees for 60.00 feet along the southerly line of Queens boulevard to the easterly line of Honeywell street; thence southerly for 2,232.14 feet along the easterly line of Honeywell street to the northerly line of Hunters Point avenue, the point or place of beginning.

BUCKLEY STREET.

Beginning at a point formed by the intersection of the northerly line of Hunters Point avenue with the easterly line of Buckley street; running thence westerly for 65.00 feet along the northerly line of Hunters Point avenue to the westerly line of Buckley street; thence northerly deflecting to the right 67 degrees 23 minutes 20 seconds for 3,437.24 feet along the westerly line of Buckley street to the southerly line of Skillman avenue; thence easterly deflecting to the right 66 degrees 43 minutes 27 seconds for 65.32 feet along the southerly line of Skillman avenue to the easterly line of Buckley street; thence southerly for 3,488.04 feet along the easterly line of Buckley street to the northerly line of Hunters Point avenue, the point or place of beginning.

School street, Hill street, Rawson street, Moore street, Honeywell street and Buckley street are shown upon the Commissioners Map of Long Island City, filed at the office of the Clerk of Long Island City, December 31, 1875, and amendments thereof.

The Board of Estimate and Apportionment on the 2d day of May, 1912, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

1. Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Thomson avenue, the said distance being measured at right angles to Thomson avenue; on the east by a line midway between School street and Van Dam street and by the prolongation of the said line; on the south by the northerly line of Nott avenue, and on the west by a line midway between School street and Mount street and by the prolongation of the said line.

2. Beginning at a point on the northerly line of Skillman avenue where it is intersected by the prolongation of a line midway between Buckley street and Hulst street, and running thence southwardly along the said line midway between Buckley street and Hulst street and along the prolongations of the said line to the intersection with the centre line of Greenpoint avenue; thence southwestwardly along the centre line of Greenpoint avenue to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Hunters Point avenue, the said distance being measured at right angles to Hunters Point avenue; thence northwestwardly along the said line parallel with Hunters Point avenue to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Hill street, the said distance being measured at right angles to Hill street; thence southwardly along the said line parallel with Hill street to the intersection with the northeasterly line of Gale street; thence southwestwardly at right angles to Gale street a distance of 160 feet; thence northwestwardly and parallel with Gale street to the intersection with the prolongation of a line midway between Van Dam street and Hill street; thence northwardly along the said line midway between Van Dam street and Hill street and along the prolongations of the said line to the intersection with the northerly line of Skillman avenue; thence eastwardly along the northerly line of Skillman avenue to the intersection with the prolongation of a line midway between Moore street and Honeywell street; thence southwardly along the said line midway between Moore street and Honeywell street to the intersection with the centre line of Queens boulevard; thence eastwardly along the centre line of Queens boulevard to the intersection with a line midway between Honeywell street and Buckley street; thence northwardly along the said line midway between Honeywell street and Buckley street and along the prolongation of the said line to the intersection with the northerly line of Skillman avenue; thence eastwardly along the northerly line of Skillman avenue to the point or place of beginning, excluding, however, from the above described areas such land as is exempt from assessment under the provisions of section 992 of the City Charter.

Dated New York, August 9, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a9,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of SANFORD STREET, from Sherman street to Vernon avenue, in the First Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Thursday, the 21st day of August, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Sanford street, from Sherman street to Vernon avenue, in the First Ward, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

Parcel "A."

Beginning at a point formed by the intersection of the southeasterly line of Vernon avenue with the northerly line of Sanford street; running thence easterly for 433.66 feet along the northerly line of Sanford street to the westerly line of the Boulevard; thence southerly deflecting to the right 90 degrees for 50.00 feet to the southerly line of Sanford street; thence westerly deflecting to the right 90 degrees for 435.41 feet along the southerly line of Sanford street to the easterly line of Hamilton street; thence northerly for 50.03 feet to the intersection of the southeasterly line of Vernon avenue with the northerly line of Sanford street, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the easterly line of the Boulevard with the southerly line of Sanford street; running thence northerly for 50.00 feet to the northerly line of Sanford street; thence easterly deflecting to the right 90 degrees for 185.20 feet along the northerly line of Sanford street to the westerly line of old Sherman street; thence southerly deflecting to the right 90 degrees for 50.00 feet along the westerly line of old Sherman street to the prolongation of the southerly line of Sanford street; thence westerly for 185.20 feet along the southerly line of Sanford street to the easterly line of the Boulevard, the point or place of beginning.

Sanford street is shown upon the Commissioners' Map of Long Island City filed at the office of the City Clerk of Long Island City December 31, 1875, as amended.

The Board of Estimate and Apportionment on the 17th day of October, 1912, duly fixed and determined the area of assessment for benefit in this proceeding to be as follows:

Beginning at a point on a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Broadway and the northerly line of Sanford street as these streets adjoin Vernon avenue on the west, distant 100 feet northwesterly from the northwesterly line of Vernon avenue, the said distance being measured at right angles to Vernon avenue, and running thence eastwardly along the said bisecting line to the intersection with the centre line of the Boulevard; thence southwardly along the centre line of the Boulevard to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Ridge street and the northerly line of Sanford street; thence eastwardly along the said bisecting line to the intersection with the prolongation of a line midway between Marion street and Sherman street as these streets are laid out at Graham avenue; thence southwardly along the said line midway between Marion street and Sherman street and along the prolongation of the said line to the intersection with the prolongation of a line midway between Graham avenue and Sanford street as these streets are laid out between Hancock street and Hamilton street; thence westwardly along the said line midway between Graham avenue and Sanford street and along the prolongations of the said line to a point distant 100 feet northwesterly from the northwesterly line of Vernon avenue, the said distance being measured at right angles to Vernon avenue; thence generally northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Vernon avenue to the point or place of beginning.

Dated, New York, August 9, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a9,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of MAYWOOD AVENUE (Beaver street), from the first angle point east of Carlisle (Church) street to the second angle point east of Carlisle street, in the Fourth Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Thursday, the 21st day of August, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Maywood avenue (Beaver street), from the first angle point east of Carlisle (Church) street to the second angle point east of Carlisle street, in the Fourth Ward, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning on the north line of Maywood street at the first angle point east of Carlisle street; running thence easterly for 223.47 feet along the northerly line of Maywood street to the second angle point in the same; thence southerly deflecting to the right 101 degrees 21 minutes 22 seconds for 35.70 feet to the second angle point in the southerly line of Maywood street; thence westerly deflecting to the right 78 degrees 38 minutes 38 seconds for 165.88 feet along the southerly line of Maywood street to the first angle point in the same; thence northwesterly for 61.49 feet to the angle point in the northerly line of Maywood street, the point or place of beginning.

Maywood (Beaver) street is shown upon a map establishing the lines and grades of Maywood street between Carlisle street and Medford street, approved by the Board of Estimate and Apportionment February 8, 1912, by the Mayor February 26, 1912, and filed at the office of the President of the Borough of Queens April 10, 1912, at the office of the County Clerk at Jamaica April 5, 1912, and at the office of the Corporation Counsel April 6, 1912.

The Board of Estimate and Apportionment on the 1st day of May, 1913, duly fixed and determined the area of assessment for benefit in this proceeding to be as follows:

Bounded on the south by the northerly line of Maywood street as this street is laid out between the first angle point east of Carlisle street and the second angle point east of Carlisle street; on the west by a line at right angles to the course first described and passing through its westerly end; on the north by a line distant 100 feet northerly from and parallel with the course first described, the said distance being measured at right angles to the said course; and on the east by a line at right angles to the course first described, and passing through its easterly end.

Dated New York, August 9, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a9,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, teneiments and hereditamnts rquired for the opening and extending of COOPER STREET, from Brooklyn Borough Line to St. Felix avenue; COOPER PLACE, from Wyckoff avenue to Cypress avenue; COVERT STREET, from Brooklyn Borough Line to Wyckoff avenue; DECATUR STREET, from Brooklyn Borough Line to Myrtle avenue; IRVING AVENUE, from Brooklyn Borough Line to Moffat street, and SCHAEFFER STREET, from Brooklyn Borough Line to Wyckoff avenue, as the same are now laid out upon the map or plan of The City of New York, in the Second Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Thursday, the 21st day of August, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Cooper street, from Brooklyn Borough Line to St. Felix avenue; Cooper place, from Wyckoff avenue to Cypress avenue; Covert street, from Brooklyn Borough Line to Wyckoff avenue; Decatur street, from Brooklyn Borough Line to Myrtle avenue; Irving avenue, from Brooklyn Borough Line to Moffat street, and Schaeffer street, from Brooklyn Borough Line to Wyckoff avenue, as the same are now laid out upon the map or plan of The City of New York, in the Second Ward, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

COOPER STREET.

Parcel "A."

Beginning at a point formed by the intersection of the southeasterly line of Cooper street with the line between the Boroughs of Brooklyn and Queens, running thence northerly for 64.48 feet along the line between the Boroughs of Brooklyn and Queens to the northwesterly line of Cooper street, thence northeasterly deflecting to the right 68 degrees 38 minutes 28 seconds for 650.05 feet along the northwesterly line of Cooper street to the northerly line of Cooper street, thence easterly deflecting to the right 35 degrees 32 minutes 48 seconds for 52.86 feet along the northerly line of Cooper street to the westerly property line of the Evergreen Branch of the Long Island Railroad, thence southerly on the arc of a circle the radius of which is 692.80 feet and the tangent of which deflects to the right 66 degrees 16 minutes 15 seconds from the last mentioned course for 30.10 feet along the westerly property line of the Evergreen Branch of the Long Island Railroad, thence southerly on the arc of a circle the radius of which is 558.70 feet and the tangent of which deflects to the right 5 degrees 41 minutes 24 seconds from the tangent to the last mentioned course for 22.45 feet along the westerly property line of the Evergreen Branch of the Long Island Railroad to the southerly line of Cooper street, thence westerly deflecting to the right 103 degres 14 minutes 57 seconds from the tangent to the last mentioned course for 36.01 feet along the southerly line of Cooper street to the southeasterly line of Cooper street, thence southwesterly for 672.35 feet along the southeasterly line of Cooper street to the line between the Boroughs of Brooklyn and Queens, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the prolongation of the northerly line of Cooper street with the westerly property line of the Manhattan Beach Division of the Long Island Railroad, said point being distant 1.11 feet easterly from the point formed by the intersection of the northerly line of Cooper street with the southerly line of Wyckoff avenue, running thence southerly for 65.94 feet along the westerly property line of the Manhattan Beach Division of the Long Island Railroad to the southerly line of Cooper street, thence westerly deflecting to the right 48 degrees 42 minutes 17 seconds for 390.31 feet along the southerly line of Cooper street to the easterly property line of the Ever-

green Branch of the Long Island Railroad, thence northerly deflecting to the right 131 degrees 32 minutes 24 seconds for 66.19 feet along the easterly property line of the Evergreen Branch of the Long Island Railroad to the northerly line of Cooper street, thence easterly for 389.93 feet along the northerly line of Cooper street to the westerly property line of the Manhattan Beach Division of the Long Island Railroad, the point or place of beginning.

Parcel "C."

Beginning at a point formed by the intersection of the northerly line of Cooper street with the northwesterly line of St. Felix avenue, running thence southwesterly for 70.21 feet along the northwesterly line of St. Felix avenue to the southerly line of Cooper street, thence westerly deflecting to the right 45 degrees 24 minutes 42 seconds for 28.29 feet along the southerly line of Cooper street, thence westerly deflecting to the right 3 degrees 14 minutes 21 seconds for 83.35 feet along the southerly line of Cooper street to the easterly property line of the Manhattan Beach Division of the Long Island Railroad, thence northerly deflecting to the right 131 degrees 17 minutes 43 seconds for 99.44 feet along the easterly property line of the Manhattan Beach Division of the Long Island Railroad to the northeasterly line of Wyckoff avenue, thence southeasterly deflecting to the right 106 degrees 08 minutes 50 seconds for 29.36 feet along the northeasterly line of Wyckoff avenue to the northerly line of Cooper street, thence easterly for 76.68 feet along the northerly line of Cooper street to the northwesterly line of St. Felix avenue, the point or place of beginning.

COOPER PLACE.

Beginning at a point formed by the intersection of the southeasterly line of Cooper place with the northeasterly line of Wyckoff avenue, running thence northwesterly for 50.12 feet along the northeasterly line of Wyckoff avenue to the northwesterly line of Cooper place, thence northeasterly deflecting to the right 86 degrees 46 minutes 37 seconds for 400.48 feet along the northwesterly line of Cooper place, thence northeasterly deflecting to the right 27 degrees 03 minutes 19 seconds for 144.54 feet along the northwesterly line of Cooper place, thence northeasterly deflecting to the left 39 degrees 55 minutes 32 seconds for 21.12 feet along the northwesterly line of Cooper place, thence northeasterly deflecting to the right on the arc of a circle tangent to the last mentioned course, the radius of which is 5,776.27 feet for 262.05 feet along the northwesterly line of Cooper place to the westerly line of Cypress avenue, thence southerly deflecting to the right 111 degrees 42 minutes 44 seconds from the tangent to the last mentioned course for 48.46 feet along the westerly line of Cypress avenue to the southeasterly line of Cooper place, thence southwesterly on the arc of a circle deflecting to the left, the radius of which is 5,731.27 feet and the tangent of which deflects to the right 68 degrees 06 minutes 30 seconds from the last mentioned course for 242.08 feet along the southeasterly line of Cooper place, thence southwesterly tangent to the last mentioned course for 45.32 feet along the southeasterly line of Cooper place, thence southwesterly deflecting to the right 39 degrees 55 minutes 32 seconds for 142.83 feet along the southeasterly line of Cooper place, thence southwesterly for 391.25 feet along the southeasterly line of Cooper place to the northeasterly line of Wyckoff avenue, the point or place of beginning.

COVERT STREET.

Parcel "A."

Beginning at a point formed by the intersection of the southeasterly line of Covert street with the line between the Boroughs of Brooklyn and Queens, running thence northwesterly 64.48 feet along the line between the Boroughs of Brooklyn and Queens to the northwesterly line of Covert street, thence northeasterly deflecting to the right 68 degrees 38 minutes 28 seconds for 509.50 feet along the northwesterly line of Covert street to the southwesterly property line of the Evergreen Branch of the Long Island Railroad, thence southeasterly deflecting to the right 98 degrees 08 minutes 00 seconds for 60.66 feet along the southwesterly property line of the Evergreen Branch of the Long Island Railroad to the southeasterly line of Covert street, thence southwesterly for 524.40 feet along the southeasterly line of Covert street to the line between the Boroughs of Brooklyn and Queens, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the southwesterly line of Wyckoff avenue with the southeasterly line of Covert street, running thence southwesterly for 295.65 feet along the southeasterly line of Covert street to the northeasterly property line of the Evergreen Branch of the Long Island Railroad, thence northwesterly deflecting to the right 98 degrees 08 minutes 00 seconds for 60.66 feet along the northeasterly property line of the Evergreen Branch of the Long Island Railroad to the northwesterly line of Covert street, thence northeasterly deflecting to the right 81 degrees 00 seconds for 286.82 feet along the northwesterly line of Covert street to the southwesterly line of Wcykoff avenue, thence southeasterly for 60.05 feet along the southwesterly line of Wyckoff avenue to the southeasterly line of Covert street, the point or place of beginning.

DECATUR STREET.

Parcel "A".

Beginning at a point formed by the intersection of the southeasterly line of Decatur street with the line between the Boroughs of Brooklyn and Queens, running thence northerly for 64.48 feet along the line between the Boroughs of Brooklyna and Queens to the northwesterly line of Decatur street, thence northeasterly deflecting to the right 68 degrees 38 minutes 28 seconds for 602.58 feet along the northwesterly line of Decatur street, thence northeasterly deflecting to the right 10 degrees 29 minutes 40 seconds for 34.55 feet along the northwesterly line of Decatur street to the southwesterly property line of the Evergreen Branch of the Long Island Railroad, thence southeasterly deflecting to the right 86 degrees 56 minutes 04 seconds for 54.21 feet along the southwesterly property line of the Evergreen Branch of the Long Island Railroad, thence southeasterly deflecting to the right 1 degree 22 minutes 54 seconds for 5.92 feet along the southwesterly property line of the Evergreen Branch of the Long Island Railroad to the southeasterly line of Decatur street, thence southwesterly deflecting to the right 91 degrees 41 minutes 01 seconds for 32.11 feet along the southeasterly line of Decatur street, thence southwesterly for 620.54 feet along the southeasterly line of Decatur street to the line between the Boroughs of Brooklyn and Queens, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the northwesterly line of Decatur street with the northeasterly line of Wyckoff avenue, running thence northeasterly for 841.84 feet along the northwesterly line of Decatur street to the southwesterly line of Cypress avenue, thence northeasterly deflecting to the right 8 degrees 01 minutes 12 seconds for 60.16 feet to the intersection of the northeasterly line of Cypress avenue with the northwesterly line of Decatur street, thence northeasterly deflecting to the left 6 degrees 43 minutes 28 seconds for 1,695.62 feet along the northwesterly line of Decatur street to the westerly line of Decatur street, thence northerly deflecting to the left 44 degrees 04 minutes 50 seconds for 202.14 feet along the westerly line of Decatur street to the southerly line of old Myrtle avenue, thence easterly deflecting to the right 90 degrees for 60.05 feet along the southerly line of old Myrtle avenue to the easterly line of Decatur street, thence southerly deflecting to the right 90 degrees for 226.45 feet along the easterly line of Decatur street to the southeasterly line of Decatur street, thence southwesterly deflecting to the right 44 degrees 04 minutes 50 seconds for 1,730.69 feet along the southeasterly line of Decatur street to the northeasterly line of Cypress avenue, thence southwesterly deflecting to the right 16 degrees 11 minutes 27 seconds to the intersection of the southwesterly line of Cypress avenue with the southeasterly line of Decatur street, thence southwesterly deflecting to the left 17 degrees 29 minutes 11 seconds for 834.53 feet along the southeasterly line of Decatur street to the northeasterly line of Wyckoff avenue, thence westerly deflecting to the right 25 degrees 53 minutes 13 seconds for 65.08 feet to the intersection of the southwesterly line of Wyckoff avenue with the southeasterly line of Decatur street, thence southwesterly deflecting to the left 21 degrees 49 minutes 20 seconds for 289.28 feet along the southeasterly line of Decatur street, thence southwesterly deflecting to the right 6 degrees 39 minutes 49 seconds for 55.23 feet along the southeasterly line of Decatur street to the northeasterly property line of the Evergreen Branch of the Long Island Railroad, thence northwesterly deflecting to the right 79 degrees 45 minutes 11 seconds for 0.03 feet along the northeasterly property line of the Evergreen Branch of the Long Island Railroad, thence northwesterly deflecting to the right 7 degrees 38 minutes 07 seconds for 50.24 feet along the northeasterly property line of the Evergreen Branch of the Long Island Railroad, thence northwesterly deflecting to the right 0 degrees 01 minutes 04 seconds for 9.85 feet along the northeasterly property line of the Evergreen Branch of the Long Island Railroad to the northwesterly line of Decatur street, thence northeasterly deflecting to the right 92 degrees 35 minutes 38 seconds for 54.47 feet along the northwesterly line of Decatur street, thence northeasterly deflecting to the left 6 degrees 39 minutes 49 seconds for 284.91 feet along the northwesterly line of Decatur street to the southwesterly line of Wyckoff avenue, thence easterly for 69.51 feet to the intersection of the northeasterly line of Wyckoff avenue with the northwesterly line of Decatur street, the point or place of beginning.

IRVING AVENUE.

Beginning at a point formed by the intersection of the southwesterly line of Irving avenue with the line between the Boroughs of Brooklyn and Queens, running thence northerly for 192.35 feet along the line between the Boroughs of Brooklyn and Queens to the northeasterly line of Irving avenue, thence southeasterly deflecting to the right 158 degrees 38 minutes 28 seconds for 1,557.10 feet along the northeasterly line of Irving avenue to the southeasterly line of Moffat street, thence southwesterly deflecting to the right 90 degrees for 70.06 feet along the southeasterly line of Moffat street to the southwesterly line of Irving avenue, thence northwesterly for 1,377.96 feet along the southwesterly line of Irving avenue to the line between the Boroughs of Brooklyn and Queens, the point or place of beginning.

SCHAEFFER STREET.

Parcel "A."

Beginning at a point formed by the intersection of the southeasterly line of Schaeffer street with the line between the Boroughs of Brooklyn and Queens, running thence northwesterly for 64.48 feet along the line between the Boroughs of Brooklyn and Queens to the northwesterly line of Schaeffer street, thence northeasterly deflecting to the right 68 degrees 38 minutes 28 seconds for 568.55 feet along the northwesterly line of Schaeffer street to the southwesterly property line of the Evergreen Branch of the Long Island Railroad, thence southeasterly deflecting to the right 98 degrees 52 minutes 30 seconds for 60.78 feet along the southwesterly property line of the Evergreen Branch of the Long Island Railroad to the southeasterly line of Schaeffer street, thence southwesterly for 582.66 feet along the southeasterly line of Schaeffer street to the line between the Boroughs of Brooklyn and Queens, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the southwesterly line of Wyckoff avenue with the southeasterly line of Schaeffer street, running thence southwesterly for 319.15 feet along the southeasterly line of Schaeffer street to the northeasterly property line of the Evergreen Branch of the Long Island Railroad, thence northwesterly deflecting to the right 81 degrees 41 minutes 00 seconds for 1.01 feet along the northeasterly property line of the Evergreen Branch of the Long Island Railroad, thence northwesterly deflecting to the right 2 degrees 20 minutes 20 seconds for 60.09 feet along the northeasterly property line of the Evergreen Branch of the Long Island Railroad to the northwesterly line of Schaeffer street, thence northeasterly deflecting to the right 79 degrees 20 minutes 40 seconds for 310.52 feet along the northwesterly line of Schaeffer street to the southwesterly line of Wyckoff avenue, thence southeasterly deflecting to the right 89 degrees 45 minutes 58 seconds for 7.83 feet along southwesterly line of Wyckoff avenue, thence southeasterly for 52.29 feet along the southwesterly line of Wyckoff avenue to the southeasterly line of Schaeffer street, the point or place of beginning.

Cooper street, Cooper place, Covert street, Decatur street, Irving avenue and Schaeffer street are shown upon Section 30 of the final maps of the Borough of Queens, adopted by the Board of Estimate and Apportionment July 1, 1910, and approved by the Mayor July 13, 1910. Copies of which were filed in the office of the President of the Borough of Queens August 23, 1910, in the office of the Clerk of the County of Queens August 23, 1910, and in the office of the Corporation Counsel August 26, 1910, and also shown upon Section 31 of the final maps of the Borough of Queens as adopted by the Board of Estimate and Apportionment June 3, 1910, and approved by the Mayor June 10, 1910. Copies of which were filed in the office of the President of the Borough of Queens August 23, 1910, in the office of the Clerk of the County of Queens August 23, 1910, and in the office of the Corporation Counsel August 18, 1910, as amended by a map showing a change in the street system heretofore laid out within the territory bounded by Irving avenue, Schaeffer street, Wyckoff avenue, Summerfield street, Cypress avenue and Cooper street, in the Second Ward, Borough of Queens, adopted by the Board of Estimate and Apportionment September 19, 1912, and approved by the Mayor September 30, 1912, copies of which were filed in the office of the President of the Borough of Queens December 16, 1912, in the office of the Clerk of the County of Queens December 10, 1912, in the office of the Corporation Counsel December 7, 1912.

The Board of Estimate and Apportionment on the 19th day of December, 1912, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southeasterly line of Halsey street midway between Irving avenue and Knickerbocker avenue, and running thence northeastwardly along the southeasterly line of Halsey street to the intersection with the southwesterly right of way line of the Evergreen Branch of the Long Island Railroad; thence southeastwardly along the said right of way line to the intersection with a line midway between Eldert street and Covert street, thence northeastwardly along the said line midway between Eldert street and Covert street and along the prolongation of the said line to a point distant 100 feet northeasterly from the northeasterly line of Wyckoff avenue, the said distance being measured at right angles to Wyckoff avenue, thence southeastwardly and parallel with Wyckoff avenue to a point midway between Summerfield street and Decatur street; thence northeastwardly along a line midway between Summerfield street and Decatur street as these streets are laid out between Wyckoff avenue and Cypress avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Summerfield street and Decatur street as these streets are laid out between Cypress avenue and Forest avenue, thence northeastwardly along the said bisecting line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Decatur street as this street adjoins Myrtle avenue, the said distance being measured at right angles to Decatur street, thence northwardly along the said line parallel with Decatur street and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Myrtle avenue, thence eastwardly and parallel with Myrtle avenue to the intersection with the northwesterly right of way line of the Manhattan Beach Division of the Long Island Railroad, thence southwestwardly along the said right of way line to a point distant 100 feet northerly from the northerly line of Cooper street, the said distance being measured at right angles to Cooper street, thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Cooper street to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of St. Felix avenue as this street adjoins Cooper street, the said distance being measured at right angles to St. Felix avenue, thence southwardly along the said line parallel with St. Felix avenue and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of Cooper street, the said distance being measured at right angles to Cooper street, thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Cooper street to the intersection with the westerly right of way line of the Manhattan Beach Division of the Long Island Railroad, thence southwardly along the said right of way line to the intersection with the prolongation of a line midway between Knickerbocker avenue and Irving avenue, thence northwestwardly along the said line midway between Knickerbocker avenue and Irving avenue and along the prolongation of the said line to the intersection with a line midway between Moffat street and Cooper street, thence southwestwardly along the said line midway between Moffat street and Cooper street to the intersection with the line between the Borough of Brooklyn and the Borough of Queens, thence northwesterly along the said borough line to the intersection with a line midway between Irving avenue and Knickerbocker avenue, thence northwestwardly along the said line between Irving avenue and Knickerbocker avenue to the point or place of beginning.

Dated New York, August 9, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. a9,20

NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check, drawn to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of $50, the sum of $50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstance of vacating the structures of their tenants will permit.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations and the sidewalks and curb in front of said buildings, extending within the described area shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All wells, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances, or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding, and The City of New York will, without notice to the purchaser, cause the same to be removed, and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless, The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids; and it is further

Resolved, That, while the said sale is held under the supervision of the Commissioners of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department, and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a Department, chief of a Bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

No bid or estimate will be considered unless as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money or corporate stock or certificates of indebtedness of any nature issued by The City of New York, which the Comptroller shall approve as of equal value with the security required in the advertisement, to the amount of not less than three nor more than five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The amount shall be as specified in the proposals or instructions to bidders and shall not be in excess of 5 per cent.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately.

The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

Bidders will write out the amount of their bids or estimates in addition to inserting the same in figures.

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel can be obtained upon application therefor at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there.