THE CITY RECORD.

VOL. XLI. NUMBER 12117. NEW YORK, WEDNESDAY, MARCH 19, 1913. PRICE, 3 CENTS.

THE CITY RECORD.

OFFICIAL JOURNAL OF THE CITY OF NEW YORK.

Published Under Authority of Section 1526, Greater New York Charter, by the

BOARD OF CITY RECORD.

WILLIAM J. GAYNOR, MAYOR.

ARCHIBALD R. WATSON, CORPORATION COUNSEL. WILLIAM A. PRENDERGAST, COMPTROLLER.

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Supervisor's Office, Park Row Building, 13-21 Park Row.

Published daily, at 9 a. m., except legal holidays, at Nos. 96 and 98 Reade street (north side), between West Broadway and Church street, New York City.

Subscription, $9.30 per year, exclusive of supplements. Daily issue, 3 cents a copy.

SUPPLEMENTS: Civil List (containing names, salaries, etc., of the City employees), Two Dollars; Official Canvass of Votes, 10 cents; Registry and Enrollment Lists, 5 cents each assembly district; Law Department Supplement, 10 cents; Annual Assessed Valuation of Real Estate, 25 cents each section; postage prepaid.

ADVERTISING: Copy for publication in the CITY RECORD must be received at least TWO (2) days before the date fixed for the first insertion; when proof is required for correction before publication, copy must be received THREE (3) days before the date fixed for the first insertion.

COPY for publication in the corporation newspapers of Brooklyn must be received at least THREE (3) days before the date fixed for the first insertion.

Entered as Second-class Matter, Post Office at New York City.

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BOROUGH OF MANHATTAN.

NOTICE OF PUBLIC HEARING.

The President of the Borough of Manhattan will hold a public hearing in the Council Chamber, City Hall, at four o'clock on the afternoon of WEDNESDAY, MARCH 19, in the matter of the proposed removal of sidewalk encroachments from Exchange place, Wall, Broad, Cedar, Pine and Beaver streets. All who are interested are invited to attend and state their views.

m17,19 LOUIS GRAVES, Secretary to the President.

PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for the Week Commencing March 17, 1913.

Wednesday, March 19, 1913—11.30 a. m.—Room 310—Adjourned meeting of the Commission. 2.30 p. m.—Room 305—Case No. 1617—New York Consolidated Railroad Company—"Application for approval of assumption of bonds of New York Municipal Railway Corporation and execution of mortgage therefor"—Whole Commission. 2.30 p. m.—Room 305—New York Muncipal Railway Corporation and New York Consolidated Railway Company—"Application for approval of agreement as to franchises to operate railroads of New York Municipal Railway Corporation"—Whole Commission. 4 p. m.—Room 305—Steinway tunnel-Queensboro plaza route—"Hearing before Commissioners appointed by Appellate Division to determine construction"—H. H. Whitman, of Counsel.

Thursday, March 20, 1913—11 a. m.—Room 305—Case No. 1628—Corporations subject to jurisdiction of Commission—"Safeguarding employees from injury by high tension electrical apparatus"—Whole Commission. 2.30 p. m.—Room 305—Case No. 1610—Newtown Gas Company—A. Hermann et al., complainants—"Rate for gas in 2d Ward, Borough of Queens"—Commissioner Maltbie.

Friday, March 21, 1913—11 a. m.—Room 305—Case No. 1601—Richmond Light and Railroad Company—"Double-tracking Castleton avenue or Brighton Heights line"—Commissioner Cram. 2.30 p. m.—Room 305—Case No. 1641—Westchester Electric Railroad Company—Mark T. O'Reilly, complainant—"Excess fare on line between Mt. Vernon and West Farms"—Commissioner Eustis. 2.30 p. m.—Room 310—Case No. 1653—New York Edison Company—Rees & Rees, complainants—"Charges for breakdown or auxiliary service"—Commissioner Maltbie.

Meeting of the Committee of the Whole held every Tuesday, Wednesday, Thursday and Friday at 10.30 a. m. in the Committee Room.

Regular meeting of the Commission held every Tuesday and Friday at 12.15 p. m. in Room 310.

BOARD OF REVISION OF ASSESSMENTS..

Proceedings of the Board of Revision of Assessments at a Meeting Held in Room 269, 280 Broadway, Borough of Manhattan, at 11 o'Clock A. M., on Friday, February 28, 1913.

Present—Douglas Mathewson, Deputy and Acting Comptroller; George L. Sterling, Assistant and Acting Corporation Counsel, and Lawson Purdy, President, Department of Taxes and Assessments.

The Minutes of the meetings held January 31 and February 7, 1913, were approved as printed.

BOROUGH OF QUEENS.

Regulating, Etc., William Street.

The Deputy and Acting Comptroller presented the assessment list for regulating and grading William street from Harris avenue to Wilbur avenue, curbing and flagging from Jane street to Wilbur avenue, together with a list of awards for damages caused by a change of grade, 1st Ward, and objections of S. Puccinnelli et al. filed by J. R. McMullen, attorney, also applications for awards for damages caused by the change of grade and copy of testimony taken in the matter, having been received from the Board of Assessors under date of February 25, 1913.

At request of counsel the hearing was adjourned.

BOROUGH OF MANHATTAN.

Regulating, Etc., 12th Avenue.

The Deputy and Acting Comptroller presented the assessment list for regulating, grading, curbing, recurbing and flagging 12th avenue between 42d and 44th streets and objections of the New York Manufacturers' Real Estate Company, filed by Jas. A. Deering, attorney, and the 42d Street and Grand Street Ferry Railroad Company, filed by James L. Quackenbush, attorney, having been received from the Board of Assessors under date of February 25, 1913.

The Board of Assessors reported that the list was originally apportioned 25 per cent. on the property of the City, the dock property, and 75 per cent. on the property on the easterly side of the avenue. At meeting of the Board of Assessors held February 11, 1913, the Board reapportioned the list in the proportion of 40 per cent. on the property on the east side and 60 per cent. on the property of the City.

Mr. James A. Dunn, representing Mr. Deering and Mr. Quackenbush, by representative, were heard in opposition to the assessment.

On motion of the President of the Department of Taxes and Assessments the assessment list was referred back to the Board of Assessors, with directions to reduce the amount of assessment charged against the property on the easterly side of the avenue 20 per cent,, and as so modified that the assessment be confirmed, all the members voting in the affirmative.

BOROUGH OF THE BRONX.

Regulating, Etc., Tremont Avenue.

The Deputy and Acting Comptroller brought up the matter of the assessment for regulating, grading, etc., Tremont avenue between West Farms road at Bronx River and Eastern boulevard, and objections, briefs and all other papers in connection therewith, the hearing in which was held at meeting of February 7, 1913, and decision reserved.

On motion of the Assistant and Acting Corporation Counsel, the assessment list was referred back to the Board of Assessors for further consideration, all the members voting in the affirmative.

At 12.20 p. m. the Board adjourned. JOHN KORB, Jr., Chief Clerk.

Department of Correction.

Abstract of transactions for the week ending February 1, 1913.

Communications were received as follows:

From City Prison, Manhattan—Report of fines received during week ending January 25, 1913: Court of Special Sessions, $150; City Magistrates' Courts, $36—$186.

Report of fines for month of January, 1913, and disposal of same: From Court of Special Sessions, $445; City Magistrates' Courts, $281—$726. To City Chamberlain, $665; Board of Health, $61—$726. Telephone money paid to General Bookkeeper and Auditor to be applied to bill, $22.05—total, $748.05.

Daily Average Census for January, 1913—Employees, 75; prisoners, 732; United States prisoners, 10—total average, 817.

From District Prisons—Report of fines received during week ending January 25, 1913: City Magistrates' Courts, $509.

Report of fines for month of January, 1913, and disposal of same: From City Magistrates' Courts, $2,544. To City Chamberlain, $2,402; Board of Health, $142—$2,544. Telephone money paid to General Bookkeeper and Auditor to be applied on telephone bill, $17—total, $2,561.

From Penitentiary, Blackwells Island—List of prisoners received during week ending January 25, 1913: Men, 83; women, 2.

From Workhouse, Blackwells Island—Warden reports that fines paid at Workhouse during week ending January 25, 1913, amounted to $39.

Death at Workhouse on January 29, 1913, of Frances Monroe, aged 62 years. Cause of death, chronic dysentery. Friends notified.

From City Prison, Brooklyn—Report of fines received during week ending January 25, 1913: County Courts, $25; Court of Special Sessions, $25; City Magistrates' Courts, $37—$87.

Contracts Awarded—Proposals of December 12, 1912: Beakes Dairy Co., 206 E. 12th st., raw milk, $4,492.50; surety, Casualty Co. of America.

Borden's Condensed Milk Co., 108 Hudson st., condensed milk, $8,165; surety, Aetna Accident & Liability Co.

Lewis De Groff & Son, 386 Washington st., groceries, $5,536.20; surety, Casualty Co. of America.

Proposals of December 12, 1912—John Bellman, 61 Hudson st., groceries, $21,417; surety, United States Guarantee Co.

Burton & Davis Co., 198 Franklin st., groceries, $1,683.55; surety, Casualty Co. of America.

Proposals of December 17, 1912—Edward West, 490 2d ave., fish, oysters and claims, $7,411; surety, Casualty Co. of America.

Robert P. Lawless, 833 Washington st., vegetables, $1,406.65; surety, Casualty Co. of America.

Appointed—Susan Morgan, Orderly at $360 per annum at Penitentiary, Blackwells Island, to date from February 1, 1913.

Appointed Temporarily—Thomas F. Sweeney, Clerk (temporarily), at the Workhouse, Blackwells Island, at $1200 per annum to date from February 1, 1913.

Salary Increased, Title Changed—Title of Michael E. Corbley Storekeeper, changed to that of General Storekeeper, and his salary increased from $2,000 to $2,400 per annum, to date from January 1, 1913.

Fined—John J. Dacey, Keeper at Branch Workhouse, Harts Island, fined five days pay for negligence.

Leave of Absence Without Pay—Granted to William J. Stenson, Keeper at Workhouse, Blackwells Island, for seven days from January 29, 1913, on account of a death in his family; granted to Andrew Smith, Orderly at Branch Workhouse, Harts Island, for the month of January 1913.

Resigned—Lawrence F. Cantwell, Temporary Clerk at Workhouse, Blackwells Island, to take effect January 31, 1913. Salary at the rate of $1 200 per annum.

PATRICK A. WHITNEY, Commissioner.

Changes in Departments, Etc.

DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond.

Resigned, March 14, 1913: Susan McConnell, Cleaner, 164 E. 85th St.

Discharged, Expiration of Temporary Employment, March 14, 1913: John P. Cullen, Painter, 390 Bridge St., Brooklyn.

Died, March 13, 1913: John J. Madden, Park Laborer, 440 10th Ave.

Appointed for Six Months, March 14, 1913: Gustave A. Schoeman, Gardener, 443 W. 13th St., $2.50 per day.

Died, March 15, 1913: Ellen Kelly, Cottage Attendant, 431 E. 70th St.

DEPARTMENT OF BRIDGES.

March 18, 1913: Daniel F. Walsh, 110 Devoe St., Brooklyn, is transferred from the position of Laborer to that of Bridge Tender, at $900 per annum, to date from March 20, 1913.

BOARD OF CITY MAGISTRATES.

First Division.

March 17, 1913: John J. Marquette, 12 Arden st., employed provisionally as Finger-print Expert in these Courts, has resigned to take effect at the close of business March 12, 1913.

DEPARTMENT OF DOCKS AND FERRIES.

March 17, 1913—Transferred: Andrew T. Rorvig from position of Ship Carpenter to position of Carpenter at $4.80 per day while employed, to take effect March 21, 1913.

BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of Board of Estimate and Apportionment, Held in Room 16, City Hall, Thursday, March 6, 1913.

The Board met in pursuance of an adjournment.

Present—William J. Gaynor, Mayor; William A. Prendergast, Comptroller; Douglas Mathewson, Deputy and Acting Comptroller; John Purroy Mitchel, President, Board of Aldermen; George McAneny, President, Borough of Manhattan; Alfred E. Steers, 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 meeting held February 20, 1913, were approved as printed in the CITY RECORD March 6, 1913.

PUBLIC IMPROVEMENT MATTERS.

Engineer's Financial Statement (Cal. No. 1).

The Secretary presented the following report of the Chief Engineer, which was ordered printed in the minutes and filed:

Financial Statement No. C63. March 3, 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	1	$2,900 00	10	$46,800 00	1	$3,300 00
Brooklyn	235	1,456,100 00	57	469,700 00	133	2,272,300 00	16	129,900 00
The Bronx....	66	1,242,900 00	8	233,100 00	18	965,700 00	7	131,700 00
Queens	39	1,844,220 00	12	119,900 00	38	1,210,400 00	9	92,100 00
Richmond	9	21,300 00	...	.....	9	168,200 00	...	.....
Total.....	363	$4,737,120 00	78	$825,600 00	208	$4,663,400 00	33	$357,000 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.		Number of Streets and Parks Affected.	Number of Proceedings.	Number of Streets and Parks Affected.	Number of Proceedings.
	No.	Amount.	No.	Amount.				
Manhattan	24	$219,400 00	2	$6,200 00	2	2	3	2
Brooklyn	368	3,728,400 00	73	599,600 00	62	31	3	3
The Bronx.....	84	2,208,600 00	15	364,800 00	38	26	3	2
Queens	77	3,054,620 00	21	212,000 00	49	28	3	3
Richmond	18	189,500 00	...	.....	...	...	...	...
Total.....	571	$9,400,520 00	111	$1,182,600 00	151	87	12	10

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	13	$271,600 00	7	$55,900 00	20	$327,500 00
Brooklyn	50	434,600 00	*37	3,707,900 00	*87	4,142,500 00
The Bronx	18	366,900 00	7	1,024,200 00	25	1,391,100 00
Queens	30	319,000 00	43	1,433,600 00	73	1,752,600 00
Richmond	5	15,700 00	4	10,400 00	9	26,100 00
Total	116	$1,407,800 00	*98	$6,232,000 00	214	$7,639,800 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 February 28, shows as follows:

Borough.	Amount for Which Final Authorization Has Been Given in 1913, Plus Outstanding Preliminary Authorizations.	Assessment Lists Returned.
Manhattan	$333,700 00	$41,403 91
Brooklyn	4,742,100 00	201,766 38
The Bronx	1,755,900 00	140,846 35
Queens	1,964,600 00	7,614 37
Richmond	26,100 00	.....
Total	$8,822,400 00	$391,631 01

Respectfully, NELSON P. LEWIS, Chief Engineer.

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of Seaman Avenue from West 215th Street to West 218th Street; of West 215th Street from Park Terrace West to Indian Road; and of West 218th Street from Seaman Avenue to Indian Road, Borough of Manhattan (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 6th day of February, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grade of West 215th street from Indian road to Park Terrace West, of West 218th street from Indian road to the easterly line of Seaman avenue and of Seaman avenue at its intersection with West 215th street; and of Seaman avenue from the southerly line of West 218th street to a point about 100 feet north of West 218th street, in the Borough of Manhattan, City of New York, and appointing a hearing at a meeting of this Board to be held on the 6th day of March, 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 6th day of March, 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 6th day of March, 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 changing the grade of West 215th street from Indian road to Park Terrace West, of West 218th street from Indian road to the easterly line of Seaman avenue and of Seaman avenue at its intersection with West 215th street; and of Seaman avenue from the southerly line of West 218th street to a point about 100 feet north of West 218th street, in the Borough of Manhattan, 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 September 25, 1912.

Which was adopted by the following vote:

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

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of East 2d Street Between Cortelyou Road and Ditmas Avenue, and of the Street System Within the Territory Bounded by Gravesend Avenue, Avenue M, East 3d Street, Avenue N, Ocean Parkway and Avenue O; Together with the Laying Out of Ryder Avenue Between Gravesend Avenue and Ocean Parkway, Borough of Brooklyn (Cal. No. 3).

The Secretary presented affidavits 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 6th day of February, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grades of the street system bounded by Gravesend avenue, Avenue M, East 3d street, Avenue N, Ocean Parkway and Avenue O; change the grades of East 2d street from Cortelyou road to Ditmas avenue, and lay out the lines and grades of Ryder avenue from Gravesend avenue to Ocean Parkway, in the Borough of Brooklyn, City of New York, and appointing a hearing at a meeting of this Board to be held on the 6th day of March, 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 6th day of March, 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 6th day of March, 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 changing the grades of the street system bounded by Gravesend avenue, Avenue M, East 3d street, Avenue N, Ocean Parkway and Avenue O; changing the grades of East 2d street from Cortelyou road to Ditmas avenue, and laying out the lines and grades of Ryder avenue from Gravesend avenue to Ocean Parkway, 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 Secretary of the Board of Estimate and Apportionment, and dated October 21, 1912.

Which was adopted by the following vote:

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

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of the Street System Within the Territory Bounded Approximately by East New York Avenue, Hopkinson Avenue, Riverdale Avenue, Watkins Street, Hegeman Avenue, Hopkinson Avenue, Vienna Avenue, Rockaway Avenue, Stanley Avenue, East 98th Street and Grafton Street, Borough of Brooklyn (Cal. No. 4).

The Secretary presented affidavits 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 6th day of February, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grades of the territory bounded approximately by East New York avenue, Hopkinson avenue, Riverdale avenue, Watkins street, Hegeman avenue, Hopkinson avenue, Vienna avenue, Rockaway avenue, Stanley avenue, East 98th street and Grafton street, in the Borough of Brooklyn, City of New York, and appointing a hearing at a meeting of this Board to be held on the 6th day of March, 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 6th day of March, 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 6th day of March, 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 changing the grades of the territory bounded approximately by East New York avenue, Hopkinson avenue, Riverdale avenue, Watkins street, Hegeman avenue, Hopkinson avenue, Vienna avenue, Rockaway avenue, Stanley avenue, East 98th street and Grafton street, 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 December 13, 1912.

Which was adopted by the following vote:

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

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of Concord Avenue from East 142d Street to St. Josephs Street, and the Grade of St. Marys Street from Wales Avenue to Robbins Avenue, Borough of The Bronx (Cal. No. 5).

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 6th day of February, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grade of Concord avenue from East 142d street to St. Joseph's street, and of St. Mary's street from Wales avenue to Robbins avenue, 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 6th day of March, 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 6th day of March, 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 6th day of March, 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 changing the grade of Concord avenue from East 142d street to St. Josephs street, and of St. Marys street from Wales avenue to Robbins avenue, 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 February 9, 1912.

Which was adopted by the following vote:

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

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of the Street System Within the Territory Bounded by Tiemann Avenue, Bartow Avenue, Wickham Avenue and Mace Avenue, Borough of The Bronx (Cal. No. 6).

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 6th day of February, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grade of the street system bounded by Tiemann avenue, Bartow avenue, Wickham avenue and Mace avenue, 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 6th day of March, 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 6th day of March, 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 6th day of March, 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 changing the grade of the street system bounded by Tiemann avenue, Bartow avenue, Wickham avenue and Mace avenue, 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 February 15, 1912.

Which was adopted by the following vote:

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

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Establishing the Lines and Grades of Section 61 of the Final Maps, Borough of The Bronx (Cal. No. 7).

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

After hearing Mr. W. Mason Smith who appeared in opposition to, and Mr. Edward W. Murphy who appeared in favor of the proposed change and no one else appearing, the hearing was closed.

The following was offered:

Whereas, At a meeting of this Board, held on the 6th day of February, 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 the street system within the area designated as Section 61 of the final maps, bounded approximately by the United States Government Reservation, East River, Shore drive, Throgs Neck boulevard, Shore drive and Long Island Sound, 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 6th day of March, 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 6th day of March, 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 6th day of March, 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 the street system within the area designated as Section 61 of the final maps, bounded approximately by the United States Government Reservation, East River, Shore drive, Throgs Neck boulevard, Shore drive and Long Island Sound, 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 October 25, 1912.

Which was adopted by the following vote:

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

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Grade of Young Street, from Gale Street to Hunterspoint Avenue, and of Hunterspoint Avenue, from Moore Street to Honeywell Street, Borough of Queens (Cal. No. 8).

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 6th day of February, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the grade of Young street, from Gale street to Hunterspoint avenue, and of Hunterspoint avenue, from Moore street to Honeywell street, 1st Ward, in the Borough of Queens, City of New York, and appointing a hearing at a meeting of this Board to be held on the 6th day of March, 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 6th day of March, 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 6th day of March, 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 changing the grade of Young street, from Gale street to Hunterspoint avenue, and of Hunterspoint avenue, from Moore street to Honeywell street, Ist Ward, in the Borough of Queens, 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 November 6, 1912.

Which was adopted by the following vote:

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

Public Hearing in the Matter of Changing the Map or Plan of The City of New York by Changing the Street Plan for the Territory Bounded by Corona Avenue, Parcell street, Chicago Street, Maurice Avenue and Broadway, Borough of Queens (Cal. No. 9).

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 resolution was offered:

Whereas, At a meeting of this Board, held on the 6th day of February, 1913, a resolution was adopted proposing to change the map or plan of The City of New York so as to change the lines of the street system in the territory bounded by Broadway, Corona avenue, Parcell street, Chicago street and Maurice avenue, this change providing for the discontinuance of about 160 feet of Gerry avenue, at its westerly end, and for the discontinuance of Pike street, between Maurice avenue and Corona avenue, 2d Ward, in the Borough of Queens, City of New York, and appointing a hearing at a meeting of this Board to be held on the 6th day of March, 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 6th day of March, 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 6th day of March, 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 changing the lines of the street system in the territory bounded by Broadway, Corona avenue, Parcell street, Chicago street and Maurice avenue, this change providing for the discontinuance of about 160 feet of Gerry avenue, at its westerly end, and for the discontinuance of Pike street, between Maurice avenue and Corona avenue, 2d Ward, in the Borough of Queens, 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 September 18, 1912.

Which was adopted by the following vote:

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

The Secretary was then directed to request the President of the Borough of Queens to submit a map laying down the lines of such streets as will later be needed in order that improvements may be made to conform therewith.

Public Hearing on the Proposed Area of Assessment in the Matter of Acquiring Title to East 83d Street, from Ralph Avenue to Flatlands Avenue, Borough of Brooklyn (Cal. No. 10).

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

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

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 East 83d street, from Ralph avenue to Flatlands 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 East 83d street, from Ralph avenue to Flatlands 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 6th day of March, 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 the easterly line of Ralph avenue where it is intersected by a line midway between East 83d street and East 84th street, and running thence southeastwardly along the said line midway between East 83d street and East 84th street to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Flatlands avenue, the said distance being measured at right angles to Flatlands avenue; thence southwestwardly along the said line parallel with Flatlands avenue to the intersection with a line midway between East 82d street and East 83d street; thence northwestwardly along the said line midway between East 82d street and East 83d street and along the prolongation of the said line, to the intersection with the westerly line of Ralph avenue; thence westwardly at right angles to Ralph avenue, a distance of 100 feet; thence northwardly and parallel with Ralph avenue to the intersection with a line at right angles to Ralph avenue and passing through the point of beginning; thence eastwardly along the said line at right angles to Ralph avenue to the point or place of beginning.

Resolved, By the Board of Estimate and Apportionment of The City of New York, in conformity with the provisions of section 994 of the Charter, that the Corporation Counsel be and he hereby is authorized to enter into agreements relative to the acceptance of deeds of cession to land lying within the lines of the street to which these proceedings relate, and comprising one-half or more of the street width, at a date subsequent to that on which the Commissioners of Estimate and Assessment may have been appointed in these proceedings, provided that the title of the grantors be

established to his satisfaction and that the sum of one dollar be accepted as an award for the land so ceded, the said agreement being also conditioned upon the release of all of the remaining abutting land owned by the grantor, extending to the centre line of the block and occupying a position approximately at right angles to the land ceded from any assessment in the proceedings, except its proportionate share of any and all awards that may be made for the taking of buildings acquired, or awards for damages to buildings affected in and by the said proceedings, and its proportionate share of the expenses incurred in said proceedings to the date when the deed is accepted.

Which was adopted by the following vote:

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

Public Hearing on the Proposed Area of Assessment in the Matter of Acquiring Title to East 91st Street, from East New York Avenue to Avenue D, excluding the right of way of the Manhattan Beach Division of the Long Island Railroad, Borough of Brooklyn (Cal. No. 11).

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

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

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 East 91st street, from East New York Avenue to Avenue D, excluding the right-of-way of the Manhattan Beach Branch of the Long Island Railroad, 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 East 91st street, from East New York avenue to Avenue D, excluding the right-of-way of the Manhattan Beach Branch of the Long Island Railroad, 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 6th day of March, 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:

Bounded on the northwest by a line distant 180 feet northwesterly from and parallel with the southeasterly line of East New York avenue, as this street adjoins East 91st street, the said distance being measured at right angles to East New York avenue; on the northeast by a line midway between East 91st street and East 92d street, as these streets are laid out north of Avenue D, and by the prolongations of the said line; on the southeast by a line distant 100 feet southeasterly from and parallel with the southeasterly line of Avenue D, the said distance being measured at right angles to Avenue D; and on the southwest by a line midway between Remsen avenue and East 91st street, as these streets are laid out north of Avenue D, and by the prolongations of the said line.

Resolved, By the Board of Estimate and Apportionment of The City of New York, in conformity with the provisions of section 994 of the Charter, that the Corporation Counsel be and he hereby is authorized to enter into agreements relative to the acceptance of deeds of cession to land lying within the lines of the street to which these proceedings relate, and comprising one-half or more of the street width, at a date subsequent to that on which the Commissioners of Estimate and Assessment may have been appointed in these proceedings, provided that the title of the grantors be established to his satisfaction and that the sum of one dollar be accepted as an award for the land so ceded, the said agreement being also conditioned upon the release of all of the remaining abutting land owned by the grantor, extending to the centre line of the block and occupying a position approximately at right angles to the land ceded from any assessment in the proceedings, except its proportionate share of any and all awards that may be made for the taking of buildings acquired, or awards for damages to buildings affected in and by the said proceedings, and its proportionate share of the expenses incurred in said proceedings to the date when the deed is accepted.

Which was adopted by the following vote:

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

Public Hearing on the Proposed Area of Assessment in the Matter of Acquiring Title to the Lands Required for the Widening of East 167th Street, from Webster Avenue to Clay Avenue, Borough of The Bronx (Cal. No. 12).

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 area of assessment the hearing was closed.

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 widening of East 167th street, from Webster avenue to Clay avenue, in the Borough of The Bronx, 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 widening of East 167th street, from Webster avenue to Clay avenue, in the Borough of The Bronx, 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 The Bronx, 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 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 area of assessment as therein described and would give a public hearing thereon upon the 6th day of March, 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:

Bounded on the north by a line midway between East 167th street and East 168th 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 166th street and East 167th 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.

Resolved, By the Board of Estimate and Apportionment of The City of New York, in conformity with the provisions of section 994 of the Charter, that the Corporation Counsel be and he hereby is authorized to enter into agreements relative to the acceptance of deeds of cession to land lying within the lines of the street to which these proceedings relate, and comprising one-half or more of the street width, at a date subsequent to that on which the Commissioners of Estimate and Assessment may have been appointed in these proceedings, provided that the title of the grantors be established to his satisfaction and that the sum of one dollar be accepted as an award for the land so ceded, the said agreement being also conditioned upon the release of all of the remaining abutting land owned by the grantor extending to the centre line of the block and occupying a position approximately at right angles to the land ceded, from any assessment in the proceedings, except its proportionate share of any and all awards that may be made for the taking of buildings acquired, or awards for damages to buildings affected in and by the said proceedings, and its proportionate share of the expenses incurred in said proceedings to the date when the deed is accepted.

Which was adopted by the following vote:

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

Public Hearing on the Proposed Area of Assessment in the Matter of Amending the Proceeding for Acquiring Title to Adee Avenue, from Boston Road to the Bulkhead Line of Hutchinson River, Borough of The Bronx (Cal. No. 13).

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 area of assessment the hearing was closed.

The following resolution was offered:

Resolved, by the Board of Estimate and Apportionment of The City of New York, That the proceeding instituted by said Board on June 13, 1912, for acquiring title to Adee avenue, from Boston road to the bulkhead line of the Hutchinson River, as shown on section 44 of the Final Maps, Borough of The Bronx, be and the same is hereby amended so as to conform to a map or plan adopted by the Board of Estimate and Apportionment December 12, 1912, and approved by the Mayor December 18, 1912, changing the lines of Adee avenue at Gun Hill Road.

Resolved, That the Corporation Counsel be and he hereby is requested to take the necessary steps to have this amendment carried into effect; and

Whereas, Pursuant to a resolution adopted by the Board on February 6, 1913, due notice has been given in the CITY RECORD that the Board would consider a proposed area of assessment for the aforesaid proceeding as amended; and

Whereas, On the 6th day of March, 1913, 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 this amended proceeding be and is hereby fixed and determined to be as follows:

Beginning at a point on a line midway between Burke avenue and Adee avenue, as these streets are laid out westerly from Throop avenue, distant 100 feet westerly from the westerly line of Boston road, the said distance being measured at right angles to Boston road, and running thence eastwardly along the said line midway between Burke avenue and Adee avenue and along the prolongations of the said line to a point distant 100 feet southwesterly from the southwesterly line of Gun Hill road, the said distance being measured at right angles to Gun Hill road; thence southeastwardly and parallel with Gun Hill road to the intersection with the prolongation of a line midway between Hammersley avenue and Adee avenue; thence eastwardly along the said line midway between Hammersley avenue and Adee avenue and along the prolongations of the said line to the intersection with the easterly line of Hutchinson avenue; thence eastwardly at right angles to Hutchinson avenue to the intersection with the bulkhead line of Hutchinson River, as indicated on section 44 of the final maps of the Borough; thence southwardly along the said bulkhead line to the intersection with a line at right angles to Hutchinson avenue and passing through a point on its westerly side where it is intersected by a line midway between Adee avenue and Arnow avenue, as these streets are laid out east of Gun Hill road; thence westwardly along the said line at right angles to Hutchinson avenue to the intersection with its westerly side; thence westwardly along the said line midway between Adee avenue and Arnow avenue and along the prolongation of the said line to the intersection with the prolongation of a line midway between Adee avenue and Arnow avenue, as these streets are laid out at Bouck avenue; thence westwardly along the said line midway between Adee avenue and Arnow avenue and along the prolongation of the said line to the intersection with the northwesterly line of Boston road; thence northwestwardly at right angles to Boston road a distance of 100 feet; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Boston road to the point or place of beginning.

Which was adopted by the following vote:

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

Public Hearing on the Proposed Area of Assessment in the Matter of Acquiring Title to Burrough Avenue, from Borden Avenue to Woodside Avenue, Borough of Queens (Cal. No. 14).

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 area of assessment the hearing was closed.

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 Burrough avenue, from Borden avenue to Woodside avenue, in the Borough of Queens, 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 Burrough avenue, from Borden avenue to Woodside avenue, in the Borough of Queens, 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 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 assessed upon the property deemed to be benefited thereby; 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 area of assessment as therein described and would give a public hearing thereon upon the 6th day of March, 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:

Beginnning at a point on the northerly line of Borden avenue where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Hyatt avenue and the westerly line of Burrough avenue as these streets adjoin Jay avenue, and running thence northwardly along the said bisecting line to a point distant 100 feet westerly from the westerly line of Burrough avenue, the said distance being measured at right angles to Burrough avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Burrough avenue and the prolongations thereof, to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Woodside avenue, the said distance being measured at right angles to Woodside avenue; thence eastwardly along the said line parallel with Woodside avenue to the intersection with the prolongation of a line midway between Lee avenue and Burrough avenue; thence southwardly along the said line midway between Lee avenue and Burrough avenue 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 easterly line of Burrough avenue and the westerly line of Adams street as these strets are laid out between Queens boulevard and Laurel Hill boulevard; thence southwardly along the said bisecting line to the intersection with the northerly line of Laurel Hill boulevard; thence southwardly in a straight line to a point on the southerly line of Laurel Hill boulevard where it is intersected by a line midway between Burrough avenue and Columbia avenue; thence southwardly along the said line midway between Burrough avenue and Columbia avenue and along the prolongations of the said line, to a point distant 100 feet southerly from the southerly line of Vandergrift street; thence eastwardly and parallel with Vandergrift street to the intersection with the prolongation of a line midway between Van Sinderen street and Van Tassell street; thence southwardly along the said line midway between Van Sinderen street and Van Tassell street and along the prolongations of the said line, to a point distant 100 feet southerly from the southerly line of Falkner street; thence westwardly and parallel with Falkner street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Burrough avenue and the westerly line of Mueller street as these streets are laid out at Hull avenue; thence southwardly along the said bisecting line to the intersection with the northerly line of Borden avenue; thence southwardly at right angles to Borden avenue, a distance of 180 feet; thence westwardly and parallel with Borden avenue to the intersection with a line at right angles to Borden avenue and passing through the point of beginning; thence northwardly along the said line at right angles to Borden avenue to the point or place of beginning.

Resolved, By the Board of Estimate and Apportionment of The City of New York, in conformity with the provisions of section 994 of the Charter, that the Corporation Counsel be and he hereby is authorized to enter into agreements relative to the acceptance of deeds of cession to land lying within the lines of the street to which these proceedings relate, and comprising one-half or more of the street width, at a date subsequent to that on which the Commissioners of Estimate and Assessment may have been appointed in these proceedings, provided that the title of the grantors be established to his satisfaction and that the sum of one dollar be accepted as an award for the land so ceded, the said agreement being also conditioned upon the release of all of the remaining abutting land owned by the grantor, extending to the centre line of the block and occupying a position approximately at right angles to the land ceded, from any assessment in the proceedings, except its proportionate share of any and all awards that may be made for the taking of buildings acquired, or awards for damages to buildings affected in and by the said proceedings, and its proportionate share of the expenses incurred in said proceedings to the date when the deed is accepted.

Which was adopted by the following vote:

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

Public Hearing on the Proposed Area of Assessment in the Matter of Acquiring Title to Amory Avenue, from Metropolitan Avenue to Bleeker Street, and to Stanhope Street, from Woodward Avenue to Metropolitan Avenue, Borough of Queens (Cal. No. 15).

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

On motion of the President of the Borough of Queens the hearing was adjourned for three weeks (March 27, 1913).

Public Hearing on a Modified Area of Assessment in the Matter of Amending the Proceeding for Acquiring Title to Remsen Avenue, from Calamus Avenue to Gwydir Street, and to Remsen Place, from Breck Place to Corinth Avenue, by Excluding the Latter Street, Borough of Queens (Cal. No. 16).

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 area of assessment, the hearing was closed.

The following resolution was offered:

Resolved, By the Board of Estimate and Apportionment of The City of New York that the proceeding instituted by said Board on November 2, 1911, for acquiring title to Remsen avenue, from Calamus avenue to Gwydir street, and Remsen place, from Breck place to Corinth avenue, Borough of Queens, be and the same is hereby amended by eliminating therefrom Remsen place, from Breck place to Corinth avenue, the proceeding as amended to relate only to Remsen avenue, from Calamus avenue to Gwydir street.

Resolved, That the Corporation Counsel be and he hereby is requested to take the necessary steps to have this amendment carried into effect; and

Whereas, Pursuant to a resolution adopted by the Board on February 6, 1913, due notice has been given in the CITY RECORD that the Board would consider a proposed amended district of assessment for the aforesaid proceeding as amended; and

Whereas, On the 6th day of March, 1913, 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 this amended proceeding be and is hereby fixed and determined to be as follows:

Bounded on the northwest by a line midway between Phelps avenue and Remsen avenue and by the prolongations of the said line; on the northeast by the southwesterly right-of-way line of the Main Line Division of the Long Island Railroad; on the southeast by a line midway between Remsen avenue and Woolley avenue and by the prolongations of the said line; and on the southwest by a line midway between Gwydir street and Cornbury place.

Which was adopted by the following vote:

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

Public Hearing on the Removal of Sidewalk Encroachments on the Following Streets: Broad Street, Between Wall Street and Water Street; Beaver Street, Betwen Whitehall Street and Pearl Street; Exchange Place, Between Broadway and Hanover Place; Wall Street, Between Broadway and Pearl Street; Pine Street, Between Broadway and Pearl Street, and Cedar Street, Between West Street and Pearl Street, Borough of Manhattan (Cal. No. 17).

The Secretary presented the following Report of the Chief Engineer:

Report No. 12165. February 25, 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 February 20, 1913, the President of the Borough of Manhattan presented six (6) resolutions providing for the removal of encroachments on the following named streets:

Broad street, from Wall street to Water street; Beaver street, from Whitehall street to Pearl street; Exchange place, from Broadway to Hanover place; Wall street, from Broadway to Pearl street; Pine street, from Broadway to Pearl street; Cedar street, from West street to Pearl street.

The Board fixed March 6, 1913, as the date for a public hearing on the proposed ordinances and referred them to the Chief Engineer for report.

An examination of these several streets shows that the conditions are similar to those which prevailed on a number of other streets in the lower section of Manhattan from which the removal of encroachments has already been authorized.

With the exception of Broad street, which has a uniform sidewalk width of 17 feet, the width of the sidewalks varies considerably not only on each street, but also on opposite sides of the same street, ranging from a minimum of about 4.5 feet in the two westerly blocks of Exchange place to a maximum of about 20 feet on the southerly side of Wall street at William street.

It is believed that there are no encroachments on the portion of Exchange place lying westerly from Broad street, but with this exception there are numerous conspicuous encroachments on every block affected.

The present occupation of the sidewalks differs in degree, and it appears unnecessary to describe each street in detail, but Broad street may be taken as representing typical conditions. The sidewalks on this street have a width of 17 feet, which is approximately one-third greater than the average width on the remaining streets. While the encroachments are in many cases disconnected, they form what may be considered an almost continuous occupancy of the sidewalk to a width of about 6 feet opposite fully 90 per cent. of the frontages. These encroachments consist principally of steps leading up to office buildings, columns and pilasters opposite the entrances thereto, fences protecting areaways, and a large number of platforms approximately one foot above the sidewalk level opposite the entire frontages of a number of buildings.

The encroachments on the sidewalks in the remaining streets affected are generally similar in character but somewhat less numerous. The portions devoted to private use, however, usually consist of a greater proportion of the total width of the sidewalk than is the case on Broad street, this amounting to a maximum of 60 per cent. on each side of Pine street in the section adjoining Pearl street, where the total width of the sidewalks is only 5 feet.

The encroachments on all of these streets constitutes a private occupation of a public thoroughfare, and the proposed removal of these obstructions is in accordance with the policy which has lately prevailed in the Borough of Manhattan, and which has resulted so beneficially.

I would therefore recommend that the resolutions presented by the President of the Borough of Manhattan be approved. Respectfully,

NELSON P. LEWIS, Chief Engineer.

After hearing Mr. Frederick L. Allen, who appeared on behalf of the Mutual Life Insurance Company, in opposition to the resolution affecting Cedar street, Messrs. Shearman and Sterling, on behalf of the National City Bank, in opposition to the resolution affecting Wall street, and Mr. L. Napoleon Levy, representing property owners, in opposition to the resolution affecting Broad street, on motion of the President of the Borough of Manhattan the hearing was adjourned for three weeks (March 27, 1913).

Removal of Encroachments on West Twenty-eighth Street from Broadway to a Point 100 Feet West of Sixth Avenue, Borough of Manhattan (Cal. No. 18).

The Secretary presented the following Report of the Chief Engineer:

Report No. 12164. February 25, 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 February 13, 1913, the President of the Borough of Manhattan submitted a resolution providing for the removal of encroachments on West 28th street from Broadway to a point 100 feet west of Sixth avenue, which was referred to the Chief Engineer of the Board for report.

On March 21, 1912, the Board adopted a resolution providing for the removal of encroachments on this street from Broadway to Third avenue, and the resolution now presented is evidently intended to complete the improvement by providing easy access for pedestrians to the elevated railroad and Hudson Tubes Stations at Sixth avenue.

An examination shows that the encroachments are quite similar in character to those on the portion of this street previously considered. The sidewalks have a total width of 15 feet and the most conspicuous occupancy of this space occurs on both sides of the street opposite a number of high stoop houses where steps encroach six feet. There are also four elevated railroad stairways six feet wide adjoining the curb at Sixth avenue with entrances under them leading to the Hudson Tubes. Opposite the stairway at the northeasterly corner two frame storm doors restrict the available sidewalk space to about six feet.

It is recommended that the resolution submitted by the President of the Borough of Manhattan be approved. Respectfully, NELSON P. LEWIS, Chief Engineer.

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, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, storm door, news stand, flower stand, or any other projection or encroachment of whatsoever nature or description, either temporary or permanent, or signs which extend more than one foot from the building line on 28th street from the westerly curb line of Broadway to a point 100 feet westerly of the westerly building line of 6th avenue, in the Borough of Manhattan, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the President of the Borough of Manhattan be and he is hereby authorized to remove or cause to be removed all said encroachments or encumbrances in accordance with the foregoing resolution.

Which was adopted by the following vote:

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

Removal of Encroachments on Washington Avenue, between 3d Avenue at 159th Street and Fordham Road; on 3d Avenue, Between Harlem River and Fordham Road; and on East 177th Street, Between Webster Avenue and Boston Road, Borough of The Bronx (Cal. No. 19).

The Secretary presented the following communication from the President of the Borough of The Bronx:

City of New York, President of the Borough of The Bronx, Office of the President, February 27, 1913.

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

Dear Sir—Public convenience and the constantly increasing demands of traffic require the removal of encroachments upon the following streets and avenues:

Washington avenue from 3d avenue to Fordham road; 3d avenue from Harlem River to Fordham road; East 177th street from Webster avenue to Boston road.

I would therefore request that the removal of encroachments on the above mentioned streets be authorized by the Board of Estimate and Apportionment. Yours truly,

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

The following resolution was offered:

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, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case,

bay window, ornamental entrance, storm door, news stand, flower stand, or any other projection or encroachment of whatsoever nature or description, either temporary or permanent, or signs which extend more than one foot from the building line on Washington avenue, from 3d avenue at 159th street to Fordham road, in the Borough of The Bronx, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the President of the Borough of The Bronx be and he is hereby authorized to remove, or cause to be removed, all said encroachments or encumbrances in accordance with the foregoing resolution.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, 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, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, storm door, news stand, flower stand, or any other projection or encroachment of whatsoever nature or description, either temporary or permanent, or signs which extend more than one foot from the building line on 3d avenue from Harlem River to Fordham road, in the Borough of The Bronx, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the President of the Borough of The Bronx be and he is hereby authorized to remove, or cause to be removed, all said encroachments or encumbrances in accordance with the foregoing resolution.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, 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, permitting, licensing or allowing any stoop, steps, courtyard, area, platform, porch, fence, railing, show case, bay window, ornamental entrance, storm door, news stand, flower stand, or any other projection or encroachment of whatsoever nature or description, either temporary or permanent, or signs which extend more than one foot from the building line on East 177th street from Webster avenue to Boston road, in the Borough of The Bronx, between levels ten (10) feet above the curb grade and a sufficient depth below said curb to provide proper support for the street and walk surfaces, and for necessary and proper subsurface structures, be and they are hereby in all respects repealed, cancelled and revoked; and be it further

Resolved, That the President of the Borough of The Bronx be and he is hereby authorized to remove, or cause to be removed, all said encroachments or encumbrances in accordance with the foregoing resolution.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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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Closing and Discontinuing the Tunnel Street Extending from Bennett Avenue to Riverside Drive, Borough of Manhattan (Cal. No. 20).

(At the meeting of the Board on February 20, 1913, this matter was laid over for two weeks.)

On motion of the President of the Borough of Manhattan the matter was laid over for three weeks (March 27, 1913).

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Changing the Grade of Bay 7th Street, Between Cropsey Avenue and Bath Avenue, Borough of Brooklyn (Cal. No. 21).

The Secretary presented the following joint resolution of the Local Boards of the Bay Ridge and Flatbush Districts, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Boards of the Bay Ridge and Flatbush Districts.

Whereas, A petition for a local improvement, to wit: To change the grade so as to leave the grade as near to the present grade as possible has been received by the President of the Borough of Brooklyn; and

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

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

Resolved, That the Local Boards of the Bay Ridge and Flatbush Districts hereby recommend to the Board of Estimate and Apportionment an alteration in the map or plan of The City of New York by changing the grade in Bay 7th street, from Bath avenue to Cropsey 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 Boards of the Bay Ridge and Flatbush Districts on the 14th day of November, 1912, Commissioner Pounds and Aldermen Molen, Kenney, Meagher, Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on November 19, 1912.

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

Report No. 12155. February 24, 1913.

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

Sir—Herewith is transmitted a joint resolution of the Local Boards of the Bay Ridge and Flatbush Districts, Borough of Brooklyn, adopted on November 14, 1912, recommending a change in the grade of Bay 7th street between Cropsey avenue and Bath avenue.

This change provides for the insertion of a summit in the block affected at a point distant 400 feet south of Bath avenue, the grade at this point being raised nearly six feet. Information is presented with the resolution to show that the effect of the change will be to legalize the lines to which improvements have already been made, these comprising a roughly graded roadway and the erection of six buildings on the abutting property. The resulting gradient to the north appears to be ample for drainage, while that to the south is at a rate of less than three per cent.

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

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuant 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 Bay 7th street, between Cropsey avenue and Bath avenue, in the Borough of Brooklyn, 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 August 19, 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 17th day of April, 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 and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 17th day of April, 1913.

Which was adopted by the following vote:

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

—

Changing the Lines and Grades of the Street System Within the Territory Bounded by Concord Street, Jay Street, Sands Street and Bridge Street, Borough of Brooklyn (Cal. No. 22).

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

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, February 24, 1913.

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

Dear Sir—Under date of January 9, 1913, you enclosed a copy of letter from the Commissioner of Bridges, dated November 11, 1912, to the Board of Estimate and Apportionment and a printed memorandum of Chief Engineer Nelson P. Lewis, dated January 3, 1913, in the matter of readjusting the street system and grades in the territory bounded by Jay street, Sands street, Bridge street and Concord street, including and adjoining the Manhattan Bridge Plaza, this Borough.

The Chief Engineer of the Board of Estimate recommended that the plans submitted by the Bridge Commissioner to that Board for approval, providing for these proposed modifications of the street system adjacent to the Plaza of the Manhattan Bridge, be referred to the Borough President for investigation, and that he outline such ordinances as may properly be adopted, in order to secure a suitable allotment of the roadway and sidewalk spaces for streets adjoining the Plaza, in accordance with a resolution adopted by the Board of Estimate on February 9, 1911.

The recommendations of Chief Engineer Lewis have been given serious consideration, and the Chief Engineer of our Topographical Bureau has prepared detailed report copy of which I herewith enclose. Map has been prepared providing for the adoption of changes of grades in the street system laid out within the territory bounded by Bridge street, Concord street, Jay and Sands streets, copy of which I also enclose for favorable consideration of your Board. It is also recommended that a resolution be passed, fixing the curb lines as shown on the map and designating the widths of roadways and sidewalks. Yours very truly,

L. H. POUNDS, Acting Borough President.

Report No. 12189. March 1, 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 January 9, 1913, a plan was submitted by the Commissioner of Bridges showing the modifications proposed in the street system within the territory bounded by Concord street, Jay street, Sands street and Bridge street in the Borough of Brooklyn, to include the various readjustments required in the vicinity of the plaza of the Manhattan bridge. The matter was thereupon referred to the President of the Borough of Brooklyn for examination and report, with the further recommendation that such changes as appear to him commendable be incorporated upon a new map prepared to conform with the rules generally observed by the Board in the matter of changes in the City plan, and also that a form of ordinance might be outlined indicating the apportionment of the roadway and sidewalk spaces of the various streets affected.

With accompanying communication from the Acting Borough President bearing date of February 24, 1913, there is submitted a new map making definite provision for the incorporation upon the City plan of the changes deemed advisable in the territory described by the Bridge Commissioner, the lines indicated being essentially those proposed by the Bridge Department, which Department it is understood has concurred in the minor modifications now proposed.

The changes include a readjustment in the grade of the Flatbush avenue extension from Concord street to Nassau street, and of Nassau street from Jay street to Bridge street, these providing for raising the elevation of the intersection of the Flatbush avenue extension with Nassau street about 1 foot, and as required to secure a covering over the subway leading to the bridge, together with an adjustment of the grade of a large open space adjoining this intersection to conform with the subway and surface railroad needs. The plan also shows the platform grades at all of the remaining street intersections where it is understood that the elevations now proposed will legalize existing conditions.

The map also shows a street crossing the lands acquired for the bridge plaza to connect the Flatbush avenue extension where it meets Nassau street with Bridge street at its intersection with High street. It is understood that while this street is shown as a part of the highway system, jurisdiction over it will remain in the Commissioner of Bridges unless at some later date it is transferred to the Borough President as a result of a request by the heads of both of these branches of the City government to the Sinking Fund Commissioners.

It has evidently been found impracticable to draft an ordinance which would clearly outline the roadway and sidewalk treatment which it is desired to legalize for this area, and it is suggested that provision for accomplishing this be made through the adoption of a resolution fixing the lines to conform with those shown on the plan, this providing for incorporating what was formerly the easterly sidewalk space of Jay street in the two blocks between Sands street and Nassau street, the northerly sidewalk space of Nassau street in the block between Jay street and the Flatbush avenue extension, and the westerly sidewalk space of Bridge street in the block between High street and Sands street within the roadway space of these streets, with the understanding that sidewalks will be provided on the adjoining area acquired by the city for the use of the Bridge Department; the effect of these changes will be the securing of wide thoroughfares ample for meeting the anticipated traffic needs in the immediate vicinity of the bridge. This regular outline of the Flatbush avenue extension in the block between Concord street and Nassau street is to be subdivided into a centrally located roadway with a width of 80 feet, harmonizing with that heretofore fixed in the section south of Concord street, with provision for a narrow marginal roadway near the westerly street line, and for a similar narrow roadway between the Flatbush avenue extension and Bridge street to be used by trolley cars crossing the bridge as a point where the motive power can be changed from the underground to the overhead system without interference with vehicular traffic.

I see no reason why the map should not be adopted, and would recommend such action after a public hearing. In case the plan meets with the approval of the Board, I would also recommend the adoption of a resolution fixing the roadway and sidewalk treatment to coincide with that indicated on the map.

Respectfully, NELSON P. LEWIS, 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 Sands street, Bridge street, Concord street and Jay street, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated February 20, 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 3d day of April, 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 and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 3d day of April, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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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Laying Out Public Parks to Comprise the Block Bounded by South 5th Street, Wythe Avenue, South 4th Street and Berry Street, Together with That Portion of the Block Bounded by South 5th Street, Berry Street, South 6th Street and Wythe Avenue Not Already Owned by the City, Borough of Brooklyn (Cal. No. 23).

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: That the property bounded by Berry, South 4th and South 5th streets and Wythe avenue, and the portion of

Block 2455, not already owned by the City, bounded by Berry, South 6th and South 5th streets and Wythe avenue, be taken by the City for use as a public park, 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 recommends to the Board of Estimate and Apportionment an alteration in the map or plan of The City of New York by locating and laying out as a public park, or playground, the property comprising Block 2442, bounded by Berry street, South 5th street, Wythe avenue and South 4th street,, and the remaining portion of Block 2455, not already owned by the City and bounded by Berry street, South 6th street, Wythe avenue and South 5th 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 Williamsburg District on the 14th day of March, 1912, Commissioner Pounds and Aldermen Moore, Dixson and McGarry voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 8, 1912.

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

Report No. 12183. February 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 Williamsburgh District, Borough of Brooklyn, adopted on March 14, 1912, recommending a change in the City plan by laying out public parks to comprise the block bounded by South 5th street, Wythe avenue, South 4th street and Berry street, together with that portion of the block bounded by South 5th street, Berry street, South 6th street and Wythe avenue, not already owned by the City.

The former area comprises 1.86 acres, which is valued on the books of the Department of Taxes and Assessments for the year 1911 at $209,800, of which amount $112,200 is charged to buildings. The remaining area comprises 0.28 acres, which is valued by the Tax Department for the year 1911 at $41,700, of which amount $21,600 is assigned to buildings. It would therefore appear that these projects relate to a combined area of 2.14 acres and represent a total valuation of $251,500, of which $133,800, or a little over 50 per cent., is represented by buildings. The resolution is accompanied by a petition bearing about 80 signatures, and the Local Board has also adopted another resolution initiating proceedings for the acquisition of title. No information is presented however, to indicate the willingness of the property owners to assume the expense which would be involved in carrying out the improvement.

A large portion of the block bounded by South 5th street, Berry street, South 6th street and Wythe avenue has already largely been acquired by the City in connection with the Williamsburg Bridge which here crosses it at an elevation very much higher than that of the street system. The bridge lands between the anchorage distant about 200 feet west of Wythe avenue and Bedford avenue have been turned over to public use; the portion of it west of Berry street having been parked, while the property between Berry street and Bedford avenue has been fitted up as a playground.

West of Wythe avenue the territory is largely given up to manufacturing industries and a park would here be of but little benefit.

In my judgment, a project of this kind involving the destruction of so many buildings and such a large expenditure might be more advantageously given a central position in a residential section. I assume, however, that the site has been selected by reason of the large adjoining area already in City ownership, and that it is proposed to merge the bridge holdings into the park space, although a question might be raised as to the practicability of safeguarding the use of the former area from the danger of accident as the result of the use of the bridge highway overhead.

In case the property owners of the section are prepared to assume the expense involved in carrying out the improvement which, it might be noted, would result in an assessment upon all of the territory within a distance of about one-half mile from the park boundary, I see no reason to object to the improvement. I believe, however, that its scope might properly be curtailed by limiting it to the southerly block and possibly by the substitution of the property adjoining the bridge in the block between Berry street and Bedford avenue in a place on the block north of South 5th street.

The matter is submitted to the Board for such action as may be deemed proper. In case the map change is favored, a report will at once be presented concerning the opening proceeding, in which a definite recommendation will be made concerning the boundary of the district of assessment to be fixed for meeting the expense involved.

Respectfully, NELSON P. LEWIS, Chief Engineer.

On motion of the President of the Borough of Brooklyn, the matter was laid over for three weeks (March 27, 1913).

Changing the Grade of the Street System Within the Territory Bounded by Ogden Avenue, West 162d Street, Anderson Avenue, Jerome Avenue, the Approach to the Central Bridge, East 161st Street and Jerome Avenue, Borough of The Bronx (Cal. No. 24).

The Secretary presented the following communication from the Commissioner of Public Works 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 Commissioner of Public Works, February 23, 1912.

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

Dear Sir—I forward herewith for consideration and adoption by your Board "map showing the change of grade of Jerome avenue, between Sedgwick avenue and East 162d street, and of the intersecting streets and avenues affected thereby, dated February 20, 1912."

The object of this map is to legalize the conditions as at present existing. The grade elevations which we desire to legalize are in accordance with the elevations to which the streets and avenues have been constructed. Respectfully,

T. W. WHITTLE, Commissioner of Public Works.

Report No. 12187. February 28, 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, bearing date of February 23, 1912, requesting the approval of a map showing a change in the grade of the street system within the territory bounded by Ogden avenue, West 162d street, Anderson avenue, Jerome Avenue, the approach to the Central Bridge, East 161st street and Jerome avenue.

Jerome Avenue, Ogden avenue and East 161st street have been graded and paved with a permanent pavement, while Woodycrest avenue and Anderson avenue have been regulated and graded. The Commissioner states that the changes now proposed, all of which appear to be of a minor character, are desired in order to legalize existing conditions.

The changes include provision for establishing grades at intersections which have heretofore been fixed only by interpolation, and also for establishing grades at platforms formed by street intersections, with more detail than was supplied under the original plan.

I see no reason why the map should not be adopted and would recommend such action after a public hearing. I would suggest, however, that the attention of the Borough President be called to the steep transverse sidewalk gradients which will result from the treatment indicated on the plan at the acute angles formed by Jerome avenue with Ogden avenue, Woodycrest avenue and Anderson avenue, unless provision is made for further adjusting the street elevations in their immediate vicinity.

Respectfully. NELSON P. LEWIS, 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 grades of the street system bounded approximately by Ogden avenue, West 162d street, Anderson avenue, Jerome avenue, the approach to Central Bridge, East 161st street and Jerome 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 February 20, 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Changing the Grade of the Street System Within the Territory Bounded by East 166th Street, Morris Avenue, East 167th Street and Findlay Avenue, Borough of The Bronx (Cal. No. 25).

The Secretary presented the following communication from the Commissioner of Public Works 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 Commissioner of Public Works, March 30, 1912.

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

Dear Sir—I forward herewith a map entitled "Map showing the change of grades in the territory bounded by East 166th street, Morris avenue, East 167th street and Findlay avenue, dated March 29, 1912," for adoption by your Board.

The change of grade consists of an interpretation of established grades at the intersection of College avenue with McClellan street; College avenue with East 167th street, and at the intersection of Findlay avenue, McClellan street and East 167th street. Respectfully, THOMAS W. WHITTLE, Commissioner of Public Works.

Report No. 12186. February 28, 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 March 30, 1912, requesting the approval of a map showing a change in the grade of the street system for the territory bounded by East 166th street, Morris avenue, East 167th street and Findlay avenue.

This plan provides for adjusting the elevation of the platforms formed at the intersection of East 167th street with Findlay avenue and with College avenue, and also for establishing grades at the intersection of College avenue with McClellan street.

The two former changes are of a minor character. The plan laying out McClellan street failed to indicate the grade proposed at the College avenue intersection; this omission is supplied under the plan now presented.

With the exception of McClellan street, all of the streets have been graded. It is understood that the elevations now proposed conform with those to which the streets have been improved.

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

NELSON P. LEWIS, 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 grades of the street system bounded by East 166th street, Morris avenue, East 167th street and Findlay 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 March 29, 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Changing the Grade of the Street System Within the Territory Bounded by Webster Avenue, East 168th Street, Washington Avenue and East 166th Street, Borough of The Bronx (Cal. No. 26).

The Secretary presented the following communication from the Commissioner of Public Works 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 Commissioner of Public Works, March 25, 1912.

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

Dear Sir—I forward herewith for consideration and adoption by your Board a map entitled "Map showing change of grades in East 167th street, between Webster avenue and the grade 32.0 feet above mean high water datum easterly of Park avenue; in Brook avenue between East 166th street and the grade 23.5 feet above mean high water datum northerly of East 167th street; and in Park avenue between East 166th street and the grade 27.6 feet above mean high water datum northerly of East 167th street, in the Borough of The Bronx, City of New York, dated March 22, 1912."

This map has been prepared in order to legalize existing conditions. Respectfully,

THOMAS W. WHITTLE, Commissioner of Public Works.

Report No. 12185. February 28, 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 March 25, 1912, requesting the approval of a map showing changes proposed in the grade of the street system within the territory bounded by Webster avenue, East 168th street, Washington avenue and East 166th street.

These changes comprise the adjustment of the platform grades at the intersection of East 167th street with Brook avenue and Park avenue, and for a slight change in the grade of Brook avenue and Park avenue in the block between East 166th street and East 167th street.

East 167th street west of the New York Central and Hudson River Railroad has been graded, while all of the other streets affected have been paved. Information is presented to show that the changes now proposed, all of which are of a minor character, are intended to legalize existing conditions.

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

NELSON P. LEWIS, 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 grades of the street system bounded by Webster avenue, East 168th street, Washington avenue and East 166th 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 March 22, 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Closing and Discontinuing Spencer Place, Between East 150th Street and the Lands of the New York Central and Hudson River Railroad Company, Borough of The Bronx (Cal. No. 27).

The Secretary presented the following communication from the President of the Borough of The Bronx:

City of New York, President of the Borough of The Bronx, Office of the President, March 3, 1913.

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

Dear Sir—At the meeting of the Board of Estimate and Apportionment held on February 6, 1913, a communication from the Property Owners' Association of the 23d Ward, relative to closing and discontinuing Spencer place, between East 150th street and the lands of the New York Central and Hudson River Railroad Company, was referred to the President of the Borough of The Bronx.

The petitioners request that the Board of Estimate and Apportionment take action in accordance with the terms of chapter 407 of the laws of 1912 and "an Act for the refunding, cancellation and adjustment of assessments for the opening of Spencer place, between the New York Central and Hudson River Railroad and East 150th street, in the 23d Ward, Borough of The Bronx, City of New York," which became a law April 16, 1912, with the approval of the Governor.

The proceedings for acquiring title to Spencer place, between the limits named, were started November 19, 1897, by the Board of Street Opening and Improvement. Title was vested on May 31, 1899, and confirmed on January 3, 1905. The order confirming the report was entered in the County Clerk's office on January 9, 1905.

At a hearing of the Board of Estimate held on May 18, 1906, the matter of closing Spencer place, between East 150th street and the New York Central and Hudson River Railroad, was referred to a select committee, consisting of the President of the Board of Aldermen, the Comptroller and the President of the Borough of The Bronx. This committee reported to the Board at a meeting held on April 23, 1909, stating that "this portion of Spencer place has a width of only 25 feet, and, as laid out, forms a cul-de-sac, access being given to it only at its southerly end." For these reasons the committee was of the opinion that it might be discontinued without objectionable effect upon the City plan, provided the interests of the owners of the abutting property were not seriously damaged.

This report further recommended that the map change be not favored unless all of the interested property owners executed instruments in a form satisfactory to the Corporation Counsel and releasing the City from all claims for damages in case the street were discontinued. If this is done, the map change could be recommended and the Commissioners of the Sinking Fund, under the provisions of section 205 of the Charter, could properly dispose of the land to the abutting owners or others, under such terms as should appear to them proper.

I agree with the conclusions of the Special Committee in the foregoing report, and would suggest that its recommendations be followed. Yours 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 petition of the Property Owners' Association, 23d Ward, Borough of The Bronx, City of New York, for the refunding, cancellation and adjustment of assessments for the opening of Spencer place, between the New York Central and Hudson River Railroad and East 150th street, in the 23d Ward of the Borough of The Bronx, in the City of New York.

Which was adopted by the following vote:

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

Laying Out Hempstead Avenue (Hempstead and Jamaica Turnpike), from Jamaica Avenue (Jericho Turnpike) to 98th Avenue (West Whittier Street), and Springfield Boulevard (Creed Avenue), from Jamaica Avenue (Jericho Turnpike) to 97th Avenue (Creed Place), Borough of Queens (Cal. No. 28).

(At the close of the public hearing on February 6, 1913, this matter was laid over for two weeks, and on February 20 it was again laid over for two weeks.)

Mr. H. B. Salisbury appeared in opposition to, and Mr. Louis J. Carruthers, representing the Long Island Railroad Company, appeared in favor of the proposed improvement.

The President of the Borough of Queens offered the following:

Whereas, At a meeting of this Board, held on the 9th day of January, 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 Hempstead avenue (Hempstead and Jamaica plank road), from Jamaica avenue (Jericho turnpike) to 98th avenue (West Whittier street), and of Springfield boulevard (Creed avenue), from Jamaica avenue (Jericho turnpike) to 97th avenue (Creed place), 4th Ward, in the Borough of Queens, City of New York, and appointing a hearing at a meeting of this Board to be held on the 6th day of February, 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 6th day of February, 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 6th day of February, 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 Hempstead avenue (Hempstead and Jamaica plank road), from Jamaica avenue (Jericho turnpike) to 98th avenue (West Whittier street), and of Springfield boulevard (Creed avenue), from Jamaica avenue (Jericho turnpike) to 97th avenue (Creed place), 4th Ward, in the Borough of Queens, 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 December 11, 1912.

Which was adopted by the following vote:

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

Changing the Lines of Borden Avenue, Between Harold Avenue and Lowery Street, Borough of Queens (Cal. No. 29).

The Secretary presented the following communication from the Secretary 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, December 12, 1912.

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

Dear Sir—By direction of President Connolly, I send you herewith, for the approval of the Board of Estimate and Apportionment, "map showing a change in the street system heretofore laid out by altering the lines of Borden avenue, from Harold avenue to Lowery street. Dated New York, November 26, 1912." The purpose of this map is to include a portion of the old highway which was originally eliminated on the Commissioner's map.

The President desires me to request that you kindly place this map before the Board of Estimate and Apportionment at an early date, as the draft damage map in this proceeding is being withheld pending the approval of the map herewith transmitted. Yours respectfully,

JOSEPH FLANAGAN, Secretary of the Borough of Queens.

Report No. 12156. February 24, 1913.

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

Sir—Herewith is transmitted a communication from the Secretary of the Borough of Queens, bearing date of December 12, 1912, requesting the approval of a plan showing a modification in the lines of Borden avenue between Harold avenue and Lowery street.

The object sought under this plan appears to be the inclusion within the street system of a portion of old Borden avenue immediately adjoining the Calvary Cemetery, which has been in use as a highway for many years. The change involves a corresponding one on the opposite side of the street, and the effect is believed to be one which will decrease the expense involved in carrying out the opening proceeding now in progress. Advantage is taken of the opportunity to adjust the angle formed at the southerly corner of Borden and Greenpoint avenues, to conform with the results of an investigation made at a date subsequent to the time when the final map was adopted.

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

NELSON P. LEWIS, 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 of Borden avenue, between Harold avenue and Lowery street, and changing the angle at the southeasterly intersection of Borden avenue with Greenpoint 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 November 26, 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Changing the Grade of Skillman Place, Between Jackson Avenue and the Long Island Railroad, Borough of Queens (Cal. No. 30).

The Secretary presented the following communication from the Secretary 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, May 31, 1912.

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

Dear Sir—President Connolly directs me to transmit herewith, for the approval of the Board of Estimate and Apportionment, "Map showing a change in the street grades heretofore established of Skillman place, between Jackson avenue and the Long Island Railroad, in the 1st Ward."

The purpose of this map is to raise the grade of Skillman place, at its southerly terminus at the Long Island Railroad, a sufficient amount to permit the flow of surface water to Jackson avenue, and to conform to recent improvements.

Yours respectfully,

JOSEPH FLANAGAN, Secretary of the Borough of Queens.

Report No. 12169. February 26, 1913.

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

Sir—Herewith is transmitted a communication from the Secretary of the Borough of Queens, bearing date of May 31, 1912, requesting the approval of a map showing a change in the grade of Skillman place, between Jackson avenue and the Long Island Railroad.

In 1907 the street plan of this locality was revised in order to permit of the construction of the Sunnyside yard; as a part of this plan the lines of Skillman place, as now shown, were given recognition, but no provision was made for establishing grade at the point where the street adjoins the railroad lands.

The plan now submitted is intended to supply the omission and to fix a grade adjoining the railroad suitable for securing drainage toward Jackson avenue. The elevation proposed is believed to conform with improvements already carried out, these including a number of buildings, together with the filling in of the street, excepting through a short section immediately adjoining the railroad property.

In my judgment the plan is a proper one, and its approval is recommended after a public hearing. Respectfully, NELSON P. LEWIS, 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 grade of Skillman place, between Jackson avenue and the Long Island Railroad, in the 1st 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 May 20, 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Changing the Line of Cornelia Street, Between Cypress Avenue and Myrtle Avenue, Borough of Queens (Cal. No. 31).

The Secretary presented the following communication from the Acting Corporation Counsel and report of the Chief Engineer:

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

In re Cornelia Street, BBL-FPRd and Consolidated Proceedings, Borough of Queens.

The Board of Estimate and Apportionment:

Gentlemen—Block No. 117, Lot No. 1, affected by the above proceeding, is a large triangular parcel of land, bounded on the north by Myrtle avenue and on the south by Cypress avenue, and from the westerly angle of this triangular plot is taken damage parcels 81 and 82, containing 2,434 square feet.

On the remainder of the plot stands a two-story frame hotel, built many years ago. The damage map shows that the southeasterly line of Cornelia street, as proposed, cuts the westerly corner of the building .78 of a foot, and the easterly corner of the building .39 of a foot.

The building covers all of the remaining land owned by the claimant, so that it cannot be moved back of the new line of Cornelia street.

A claim has been presented before the Commissioners by the owner, not only for the value of the parcels taken, but also for the damage caused by the cutting of the building.

The witness called on behalf of the claimant has testified that the damage to the building is the sum of $7,500. The estimate of the City's witness on the same building for the same injury is, in round numbers, $1,700.

The claim is a substantial one, and would probably result in an award of not less than $1,700, with the possibility of an award considerably larger in amount.

On January 28, 1910, the Board adopted the following resolution, viz.:

"Resolved, That the Corporation Counsel be and he hereby is requested, before the confirmation of any proceeding, in which substantial damages are claimed for buildings and encroachments which would probably not be actually interfered with, to advise the Board of Estimate and Apportionment as to the

proposed damage allowance for each such parcel, and as to whether the owners would enter into an agreement concerning their retention, as provided under section 971 of the Charter, with the understanding that in cases where full or unreasonable payment is claimed the Board will request the actual removal of the encroachments as soon as the proceeding is confirmed, or will arrange for modifying the street lines in such a way as to avoid the damage."

The damage map shows that damage Nos. 81 and 82, when acquired by the City, will form an open public place at the junction of Myrtle and Cypress avenues.

The line of Cornelia street on this block can be changed so as to avoid the cut in the building without substantially reducing the width of the street, and without making an appreciable diminution in the size of the public place.

I would, therefore, recommend that the line of the street be changed so as to avoid cutting the building and that the rule and damage map be amended accordingly.

Respectfully, G. L. STERLING, Acting Corporation Counsel.

Report No. 12168. February 26, 1913.

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

Sir—Herewith is transmitted a communication from the Acting Corporation Counsel bearing date of January 31, 1913, recommending a modification in the line of Cornelia street, between Cypress avenue and Myrtle avenue, in the Borough of Queens, in order to avoid damage to a building which encroaches upon the street as heretofore mapped.

A proceeding for acquiring title to Cornelia street from the Brooklyn Borough line to Fresh Pond road, together with adjoining streets, was authorized on September 24, 1909, and was amended on March 23, 1911, to make it conform with the modifications subsequently made in the street lines. The rule and damage maps were approved on June 1, 1911, and the Commissioners of Estimate and Assessment filed their oaths on October 14 following.

The street has been given a width of 60.05 feet through that portion of its length west of Forest avenue, and of 50 feet in the section between Forest avenue and Fresh Pond road. The damage map shows that in the short block between Cypress avenue and Myrtle avenue a two-story frame building encroaches from 0.39 to 0.78 feet. The Acting Corporation Counsel states that the owner of this property has presented a claim of damage to the building to the amount of $7,500, and that the City's expert has testified that the building damage could be estimated at $1,700; he states that the claim is a substantial one and that the award might possibly be considerably larger than the amount testified to by the City's witness.

Cornelia street in this block forms a large public place, and the Acting Corporation Counsel states that a change in the position of the easterly line would not appreciably affect the street area at this point.

The notice is given in conformity with a resolution adopted by the Board on January 28, 1910, under which the Corporation Counsel was requested to advise the Board in case unreasonable payment was claimed for encroachments in order that steps might be taken to remove them as soon as the proceeding was confirmed, or that the street lines might be modified in such a way as to avoid damage.

I would recommend that the matter be referred to the President of the Borough of Queens with the request that he submit a plan showing the changes proposed by the Acting Corporation Counsel provided that, in his judgment, they can be effected without prejudice to the street system. Respectfully,

NELSON P. LEWIS, Chief Engineer.

On motion the matter was referred to the President of the Borough of Queens.

Amending the proceeding for acquiring title to a large number of streets in the Isham-Drake Estate section by excluding therefrom the unacquired portion of West 214th street, between Seaman avenue and Indian road, and instituting an independent proceeding for acquiring title to the latter street and to the unacquired section of Isham Park at the expense of the City at large, Borough of Manhattan (Cal. No. 32).

(At the meeting of the Board on February 6, 1913, this matter was laid over for two weeks, on February 20 it was laid over for one week, and on February 27 it was again laid over for one week.)

On motion of the President of the Borough of Manhattan the matter was laid over for three weeks (March 27, 1913).

Discontinuance of the proceeding for acquiring title to West 168th street, from Amsterdam avenue to Jumel place, Borough of Manhattan (Cal. No. 33).

(At the meeting of the Board on January 23, 1913, this matter was laid over for two weeks, on February 6 it was laid over for two weeks, and on February 20 it was again laid over for two weeks.)

On motion of the President of the Borough of Manhattan the matter was laid over for three weeks (March 27, 1913).

Amending the proceeding for acquiring title to Union street, from New York avenue to Rochester avenue, and from Ralph avenue to East New York avenue, by excluding the block between Kingston avenue and Albany avenue, Borough of Brooklyn (Cal. No. 34).

(At the meeting of the Board on January 23, 1913, this matter was laid over for two weeks, but on January 30, at the request of the Borough President, a resolution was adopted amending the resolution of December 12, 1912, providing for vesting title on February 1, 1913, to that portion of Union street between Albany avenue and a line 100 feet westerly therefrom, so as to make it include only the northerly half of the street. This action had also been recommended by the Chief Engineer. On February 6 the matter of amending the proceeding was laid over for two weeks, and on February 20 for two weeks).

On motion of the President of the Borough of Brooklyn, the matter was laid over for three weeks (March 27, 1913).

Acquiring title to East 5th street from Ditmas avenue to 18th 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.

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 open East Fifth street from Ditmas avenue to Eighteenth 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 8th day of March, 1909, President Coler and Aldermen Potter, Esterbrook and Morrison voting in favor thereof.

Attest: CHARLES FREDERICK ADAMS, Secretary.

Approved this 26th day of March, 1909.

BIRD S. COLER, President Borough of Brooklyn.

Report No. 11897. February 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 March 8, 1909, initiating proceedings for acquiring title to East 5th street, from Ditmas avenue to 18th avenue.

This resolution affects two blocks or about 1,200 feet of East 5th street, which has been laid out upon the City map to have a width of 60 feet. The street is macadamized from 18th avenue to a point about 300 feet north of Avenue F and is approximately graded from the latter point to Ditmas avenue. A number of buildings have been erected upon the abutting property, but it is believed that there are no encroachments.

The Corporation Counsel has advised that these two blocks of East 5th street are dedicated to public use, and in recognition of such dedication the Board of Estimate and Apportionment on June 3, 1910, authorized the construction of a sewer in the northerly block. The Board, however, has established the policy of acquiring the fee to dedicate streets where such procedure is recommended by the Local Board having jurisdiction, and I can see no reason why such treatment should not be accorded in this case. It might be pointed out that the awards should be little more than nominal.

I would recommend the approval of the resolution; that title to the land be acquired in fee; that the entire cost and expense of the proceeding, including any damage 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 a line midway between East 5th street and Ocean parkway, distant 100 feet northerly from the northerly line of Ditmas avenue and running thence southwardly along the said line midway between East 5th street and Ocean parkway to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the easterly line of East 5th street, as this street adjoins 18th avenue, with the westerly line of Ocean parkway; thence southwardly along the said bisecting line to the intersection with the southerly line of 18th avenue; thence southwardly at right angles to 18th avenue a distance of 100 feet; thence westwardly and parallel with 18th avenue to the intersection with a line at right angles to 18th avenue and passing through a point on its northerly side where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the centre lines of East 4th street and East 5th street, as these streets adjoin 18th avenue; thence northwardly along the said line at right angles to 18th avenue to the intersection with its northerly side; thence northwardly along the said bisecting line to the intersection with the prolongation of a line midway between East 4th street and East 5th street, as these streets are laid out at Avenue F; thence northwardly along the said line midway between East 4th street and East 5th street, and along the prolongation of the said line to the intersection with a line parallel with Ditmas avenue and passing through the point of beginning; thence eastwardly along the said line parallel with Ditmas avenue to the point or place of beginning. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of the City of New York hereby disapproves the resolution adopted on March 8, 1909, by the Local Board of the Flatbush District, Borough of Brooklyn, initiating proceedings to open East Fifth street from Ditmas avenue to Eighteenth avenue.

Which was adopted by the following vote:

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

Acquiring Title to East 21st Street from Avenue G to Avenue J, Excluding the Right-of-Way of the Manhattan Beach Division of the Long Island Railroad, 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 open East 21st street from the southerly boundary line of the property of the Long Island Railroad to the northerly side of Avenue J, 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 open East 21st street (Kenmore place) from the southerly line of the property of the Long Island Railroad to the northerly side of Avenue J; 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 October 7, 1912.

ALFRED E. STEERS, President, Borough of Brooklyn.

Report No. 11855. February 26, 1913.

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

Sir—Herewith is transmited a resolution of the Local Board of the Flatbush District, Borough of Brooklyn, adopted on August 14, 1912, initiating proceedings for acquiring title to East 21st street from the southerly boundary line of the property of the Long Island Railroad to the northerly side of Avenue J.

With the papers is submitted a report from the Topographical Engineer in which it is recommended that all of the street from avenue G to Avenue J be included in the opening proceeding, the conditions in the adjoining sections outside of these limits being such as to warrant the belief that the land is here dedicated to public use. Under these circumstances it would seem that all of the interests affected would be best served if the suggestion of the Topographical Engineer is followed.

East 21st street has been laid out upon the City map to have a width of 60 feet, and between Avenue G and Avenue J comprises a length of about 2,500 feet. The street is in use in disconnected sections, and a number of houses have been erected upon the abutting property. It is believed that there are no encroachments. The Manhattan Beach branch of the Long Island Railroad crosses East 21st street about midway between Avenue H and Avenue I. No physical crossing has heretofore been provided at this intersection, but under a recent map change grades were established for the street, which will permit of the construction of a highway bridge at such a time as a continuous thoroughfare is needed. The agreement between the Long Island Railroad Company and the City, under which the Bay Ridge improvement was carried out, provides for whatever rights the City may ultimately require over the railroad land, and it will therefore be proper to exclude the railroad right-of-way from the opening proceeding.

I would recommend the adoption of a resolution for acquiring title to East 21st street from Avenue C to Avenue J, excluding the right-of-way of the Manhattan Beach Division of the Long Island Railroad.

I would also recommend 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:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Avenue G, the said distance being measured at right angles to Avenue G; on the east by a line midway between East 21st street and East 22d street; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Avenue J, the said distance being measured at right angles to Avenue J; and on the west by a line midway between Ocean avenue and East 21st street.

Respectfully, NELSON P. LEWIS, 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 East 21st street from Avenue G to Avenue J, excluding the right-of-way of the Manhattan Beach Division of the Long Island Railroad, in the Borough of Brooklyn, 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 proceeding.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of Section 980 of the Greater New York Charter, hereby gives notice that the following is the proposed area of assessment for benefit in this proceeding:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Avenue G, the said distance being measured at right angles to Avenue G; on the east by a line midway between East 21st street and East 22d street; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Avenue J, the said distance being measured at right angles to Avenue J; and on the west by a line midway between Ocean avenue and East 21st street.

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 17th day of April, 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 and the corporation newspapers for ten days prior to the 17th day of April, 1913.

Which was adopted by the following vote:

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

Acquiring Title to Stillwell Avenue from 22d Avenue to 80th Street, Borough of Brooklyn (Cal. No. 37).

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 open Stillwell avenue from 22d avenue to 80th 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 open Stillwell avenue from 22d avenue to 80th 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 31st day of May, 1911, Commissioner Pounds and Aldermen Potter, Esterbrook and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on June 8, 1911.

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

Report No. 11861. February 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 May 31, 1911, initiating proceedings for acquiring title to Stillwell avenue from 22d avenue to 80th street.

This resolution affects five blocks or about 1,600 feet at the northerly end of Stillwell avenue, which has been laid out upon the City map to have a width of 100 feet. South of Kings Highway the roadway is approximately graded, but north of this point the street is not in use. The abutting property is almost entirely unimproved, but it is believed that near 22d avenue an outbuilding encroaches upon the land to be acquired.

I would recommend the approval of the resolution; 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 a line midway between 78th street and 79th street distant 100 feet northwesterly from the northwesterly line of 21st avenue, and running thence northeastwardly and parallel with 21st avenue to the intersection with a line midway between 71st street and 72d street; thence southeastwardly along the said line midway between 71st street and 72d street and along the prolongation of the said line, to the intersection with a line midway between West 10th street and West 11th street; thence southwardly along the said line midway between West 10th street and West 11th street to a point distant 100 feet southerly from the southerly line of Avenue S; thence westwardly and parallel with Avenue S and its prolongation to a point distant 900 feet westerly from the westerly line of Stillwell avenue; thence northwardly and parallel with Stillwell avenue to the intersection with a line midway between 78th street and 79th street; thence northwestwardly along the said line midway between 78th street and 79th street to the point or place of beginning.

Respectfully, NELSON P. LEWIS, 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 Stillwell avenue from 22d avenue to 80th street, in the Borough of Brooklyn, 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 proceeding.

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

Beginning at a point on a line midway between 78th street and 79th street distant 100 feet northwesterly from the northwesterly line of 21st avenue, and running thence northeastwardly and parallel with 21st avenue to the intersection with a line midway between 71st street and 72d street; thence southeastwardly along the said line midway between 71st street and 72d street and along the prolongation of the said line, to the intersection with a line midway between West 10th street and West 11th street; thence southwardly along the said line midway between West 10th street and West 11th street to a point distant 100 feet southerly from the southerly line of Avenue S; thence westwardly and parallel with Avenue S and its prolongation to a point distant 900 feet westerly from the westerly line of Stillwell avenue; thence northwardly and parallel with Stillwell avenue to the intersection with a line midway between 78th street and 79th street; thence northwestwardly along the said line midway between 78th street and 79th 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 17th day of April, 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 and the corporation newspapers for ten days prior to the 17th day of April, 1913.

Which was adopted by the following vote:

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

Acquiring Title to Review Place, from West 238th Street to Van Cortlandt Park South, and to West 240th Street, from Spuyten Duyvil Road to Broadway, Borough of The Bronx (Cal. No. 38).

The Secretary presented the following communication from the President of the Borough of The Bronx:

City of New York, President of the Borough of The Bronx, Office of the President, February 26, 1913.

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

Dear Sir—At the meeting of the Board of Estimate and Apportionment, held on February 20, 1913, a communication from the Interborough Rapid Transit Company, dated February 19, 1913, relative to the matter of acquiring title to Review place from West 238th street to Van Cortlandt Park South, and to West 240th street from Spuyten Duyvil road to Broadway, was referred to the President of the Borough of The Bronx.

The communication from the Interborough Company requests the Board to acquire title in fee to that portion of the street upon which is erected and maintained the structures of the Interborough Rapid Transit Company, subject to the perpetual easement of the said Interborough Rapid Transit Company to maintain and operate its structures thereon. The franchise under which the Interborough Rapid Transit Company operates the subway system in this City is for a definite term of years, and not in perpetuity.

I would therefore recommend that the Board of Estimate acquire title in fee to the land, subject to the easement of the Interborough Rapid Transit Company, and not subject to the perpetual easement. Yours 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, 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 Review place from West 238th street to Van Cortlandt Park South; and West 240th street from Spuyten Duyvil road to Broadway, in the Borough of The Bronx, 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, subject, however, to the Interborough Rapid Transit Company's easement for the maintenance and operation of its elevated railroad structure constructed in West 240th street between Spuyten Duyvil road and Broadway.

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 Review place from West 238th street to Van Cortlandt Park South; and West 240th street from Spuyten Duyvil Road to Broadway (subject to the Interborough Rapid Transit Company's easement herein referred to), in the Borough of The Bronx, 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 The Bronx, 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 regulations 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 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 area of assessment as therein described, and would give a public hearing thereon upon the 20th day of February, 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 the easterly line of Spuyten Duyvil road midway between its intersection with the northerly line of West 240th street and the point of curve near West 242d 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 240th street and the point of curve near West 242d 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 Cortlandt Park South, the said distance being measured at right angles to Van Cortlandt Park South; thence eastwardly and parallel with Van Cortlandt Park South to the intersection with a line at right angles to Van Cortlandt 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 Cortlandt Park South; thence southwardly along the said line at right angles to Van Cortlandt 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 238th street; thence westwardly and parallel with West 238th 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 238th street and West 240th street as these streets adjoin Broadway on the west; thence westwardly along the said line midway between West 238th street and West 240th 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 238th street and the southerly line of West 240th street, as these streets are laid out between Tibbett avenue and Corlear avenue; thence westwardly along the said bisecting line to the intersection with the easterly line of Spuyten Duyvil road; thence westwardly at right 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 beginning; thence eastwardly along the said line at right angles to Spuyten Duyvil road to the point or place of beginning.

Resolved, By the Board of Estimate and Apportionment of The City of New York, in conformity with the provisions of section 994 of the Charter, that the Corporation Counsel be and he hereby is authorized to enter into agreements relative to the acceptance of deeds of cession to land lying within the lines of the streets to which these proceedings relate, and comprising one-half or more of the street width, at a date subsequent to that on which the Commissioners of Estimate and Assessment may have been appointed in these proceedings, provided that the title of the grantor be established to his satisfaction and that the sum of one dollar be accepted as an award for the land so ceded, the said agreement being also conditioned upon the release of all of the remaining abutting land and owned by the grantor, extending to the centre line of the block and occupying a position approximately at right angles to the land ceded, from any assessment in the proceedings, except its proportionate share of any and all awards that may be made for the taking of buildings acquired, or awards for damages to buildings affected in and by the said proceedings, and its proportionate share of the expenses incurred in said proceedings to the date when the deed is accepted.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 3d Avenue Between East 189th Street (Welch Street) and Pelham Avenue, Borough of The Bronx (Cal. No. 39).

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, February 15, 1913.

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

Dear Sir—At the meeting of the Board of Estimate and Apportionment of January 9, 1913, a map "showing the laying out of 3d avenue over the tracks of the New York and Harlem Railroad from the north line of Welch street, as acquired in 1887 to the south line of Pelham avenue as acquired in 1869, amendment to section 13," was approved.

The Board of Estimate and Apportionment is hereby requested to initiate proceedings for the acquiring of title to all the land necessary for the widening of 3d avenue crossing the railroad tracks, as shown on the above map and not now owned by The City of New York. Yours truly,

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

Report No. 12180. February 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 the Bronx, bearing date of February 15, 1913, requesting the institution of proceedings for the acquisition of title to the area included in 3d avenue as widened between East 189th street (Welch street), and Pelham avenue, and as shown upon a map adopted by the Board of Estimate and Apportionment at its meeting of January 9, 1913.

Chapter 731 of the Laws of 1905, as amended by Chapter 736 of the Laws of 1907, provides for the inclusion of this area, which is occupied by the tracks of the New York and Harlem Railroad, in the street system, and for the construction of a bridge and the removal and reconstruction of the Fordham station. The Board of Estimate was also authorized under the terms of the same Act to issue corporate stock to an amount not exceeding $225,000 to meet the expense involved in carrying out the improvement. The bond issue was authorized on June 3, 1910, but the contract has not yet been executed by the railroad company. It is informally understood that the failure to advance negotiations for construction is due to a claim made by the

New York Central Railroad Company as lessee of the property of the New York and Harlem Railroad Company, for a substantial allowance to represent the value of the rights for street purposes which the City requires, this claim having the effect of increasing the cost to an amount greater than that fixed by the statute.

The land owned by the railroad company and affected by the plan has a width of about 66 feet and a length of about 366 feet, comprising an area about equivalent to that of twenty-five city lots.

When the street plan was approved it was assumed that the terms of the special Acts of the Legislature were such as to clear the way for the occupancy of the area which it is proposed to use for street purposes and that it would not be necessary to apply the provisions of the Railroad Law, and for this reason no formal notice was given to the railroad company relative to the necessity of widening the street as prescribed by the statute in case the Railroad Law is to be applied. The provisions of this statute, however, will apparently have to be observed inasmuch as the railroad company has taken the position that the special Acts of 1905 and 1907 do not adequately clear the way for carrying out the improvement.

Under these conditions, and after giving a formal notice to the railroad companies relative to the necessity for this street, I would recommend the adoption of a resolution instituting proceedings for the acquisition of title to the fee in the land described subject to the easement of the railroad company, and that all of the cost and expense of the proceeding be assessed upon the following described area:

Beginning at a point on the prolongation of a line midway between Washington avenue and Bathgate avenue, where it is intersected by a line distant 100 feet northeasterly from and parallel with the northeasterly line of Fordham road, the said distance being measured at right angles to Fordham road, and running thence southwestwardly along the said line midway between Washington avenue and Bathgate avenue 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 Fordham road, the said distance being measured at right angles to Fordham road; thence northwestwardly along the said line parallel with Fordham road to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Washington avenue, the said distance being measured at right angles to Washington avenue; thence southwestwardly along the said line parallel with Washington avenue to a point distant 100 feet easterly from the easterly line of 3d avenue, the said distance being measured at right angles to 3d avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of 3d avenue, to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of East 187th street, as this street is laid out between 3d avenue and Bathgate avenue, the said distance being measured at right angles to East 187th street; thence northwestwardly along the said line parallel with East 187th street and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of 3d avenue, the said distance being measured at right angles to 3d avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of 3d avenue to a point distant 100 feet northeasterly from the northeasterly line of East 187th street, the said distance being measured at right angles to East 187th street; thence northwestwardly and always distant 100 feet northeasterly from and parallel with the northeasterly line of East 187th street to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Park Avenue West, the said distance being measured at right angles to Park Avenue West; thence northeastwardly along the said line parallel with Park Avenue West to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Welch street, the said distance beng measured at right angles to Welch street; thence northwestwardly along the said line parallel with Welch street and along the prolongation of the said line to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Webster avenue, the said distance being measured at right angles to Webster avenue; thence northeastwardly along the said line parallel with Webster avenue to a point distant 100 feet southerly from the southerly line of Fordham road, the said distance being measured at right angles to Fordham road; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Fordham road to a point distant 100 feet northwesterly from the northwesterly line of Marion avenue, the said distance being measured at right angles to Marion avenue; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Marion avenue to a point distant 100 feet northerly from the northerly line of Fordham road, the said distance being measured at right angles to Fordham road; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Fordham road to a point distant 100 feet northwesterly from the northwesterly line of Decatur avenue, the said distance being measured at right angles to Decatur avenue; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Decatur avenue to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of East 193d street, as this street is laid out at Decatur avenue, the said distance being measured at right angles to East 193d street; thence southeastwardly along the said line parallel with East 193d street to a point distant 100 feet northwesterly from the northwesterly line of Webster avenue, the said distance being measured at right angles to Webster avenue; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Webster avenue to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of East 194th street, as this street adjoins Webster avenue, the said distance being measured at right angles to East 194th street; thence southeastwardly along the said line parallel with East 194th street and along the prolongation of the said line, to a point distant 100 feet southeasterly from the southeasterly line of Webster avenue, the said distance being measured at right angles to Webster avenue; thence southwestwardly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Webster avenue to the intersection with the prolongation of a line distant 100 feet northeasterly from and parallel with the northeasterly line of East 193d street, as this street adjoins Decatur avenue, the said distance being measured at right angles to East 193d street; thence southeastwardly along the said prolongation of a line parallel with East 193d street to the intersection with the prolongation of a line distant 100 feet northwesterly from and parallel with the northwesterly line of Washington avenue, as this street is laid out between East 189th street and Fordham road, the said distance being measured at right angles to Washington avenue; thence southeastwardly along the said prolongation of a line parallel with Washington avenue and passing through the point of beginning; thence southeastwardly along the said line parallel with Fordham road to the point or place of beginning.

I would also recommend the adoption of the accompanying resolution making application to the Public Service Commission to determine the method of carrying the widening of 3d avenue across the tracks of the railroad company, and with the further request that the crossing be made to conform with the plan adopted by the Board on January 9, 1913. Respectfully,

NELSON P. LEWIS, 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 3d avenue, as widened between 189th street (Welch street) and Pelham avenue, as shown upon a map adopted by the Board of Estimate and Apportionment on January 9, 1913, 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 prolongation of a line midway between Washington avenue and Bathgate avenue, where it is intersected by a line distant 100 feet northeasterly from and parallel with the northeasterly line of Fordham road, the said distance being measured at right angles to Fordham road, and running thence southwestwardly along the said line midway between Washington avenue and Bathgate avenue 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 Fordham road, the said distance being measured at right angles to Fordham road; thence northwestwardly along the said line parallel with Fordham road to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Washington avenue, the said distance being measured at right angles to Washington avenue; thence southwestwardly along the said line parallel with Washington avenue to a point distant 100 feet easterly from the easterly line of 3d avenue, the said distance being measured at right angles to 3d avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of 3d avenue, to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of East 187th street, as this street is laid out between 3d avenue and Bathgate avenue, the said distance being measured at right angles to East 187th street; thence northwestwardly along the said line parallel with East 187th street and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of 3d avenue, the said distance being measured at right angles to 3d avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of 3d avenue to a point distant 100 feet northeasterly from the northeasterly line of East 187th street, the said distance being measured at right angles to East 187th street; thence northwestwardly and always distant 100 feet northeasterly from and parallel with the northeasterly line of East 187th street to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Park Avenue West, the said distance being measured at right angles to Park Avenue West; thence northeastwardly along the said line parallel with Park Avenue West to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Welch street, the said distance beng measured at right angles to Welch street; thence northwestwardly along the said line parallel with Welch street and along the prolongation of the said line to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Webster avenue, the said distance being measured at right angles to Webster avenue; thence northeastwardly along the said line parallel with Webster avenue to a point distant 100 feet southerly from the southerly line of Fordham road, the said distance being measured at right angles to Fordham road; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Fordham road to a point distant 100 feet northwesterly from the northwesterly line of Marion avenue, the said distance being measured at right angles to Marion avenue; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Marion avenue to a point distant 100 feet northerly from the northerly line of Fordham road, the said distance being measured at right angles to Fordham road; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Fordham road to a point distant 100 feet northwesterly from the northwesterly line of Decatur avenue, the said distance being measured at right angles to Decatur avenue; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Decatur avenue to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of East 193d street, as this street is laid out at Decatur avenue, the said distance being measured at right angles to East 193d street; thence southeastwardly along the said line parallel with East 193d street to a point distant 100 feet northwesterly from the northwesterly line of Webster avenue, the said distance being measured at right angles to Webster avenue; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Webster avenue to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of East 194th street, as this street adjoins Webster avenue, the said distance being measured at right angles to East 194th street; thence southeastwardly along the said line parallel with East 194th street and along the prolongation of the said line, to a point distant 100 feet southeasterly from the southeasterly line of Webster avenue, the said distance being measured at right angles to Webster avenue; thence southwestwardly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Webster avenue to the intersection with the prolongation of a line distant 100 feet northeasterly from and parallel with the northeasterly line of East 193d street, as this street adjoins Decatur avenue, the said distance being measured at right angles to East 193d street; thence southeastwardly along the said prolongation of a line parallel with East 193d street to the intersection with the prolongation of a line distant 100 feet northwesterly from and parallel with the northwesterly line of Washington avenue, as this street is laid out between East 189th street and Fordham road, the said distance being measured at right angles to Washington avenue; thence southwestwardly along the said prolongation of a line parallel with Washington avenue to the intersection with a line parallel with Fordham road and passing through the point of beginning; thence southeastwardly along the said line parallel with Fordham road 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Secretary was then directed to notify the New York and Harlem Railroad Company and its lessee, the New York Central and Hudson River Railroad Company, of the proposed hearing.

Amending the Proceeding for Acquiring Title to Cruger Avenue from Baker Avenue to Rhinelander Avenue, and from White Plains Road to Bronx and Pelham Parkway; to Holland Avenue from Baker Avenue to Hunt Avenue; and to Rhinelander Avenue from White Plains Road to Cruger Avenue, so as to Relate only to Holland Avenue from Baker Avenue to Hunt Avenue, Borough of The Bronx (Cal. No. 40).

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, February 5, 1913.

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

Dear Sir—At the meeting of March 7, 1912, the Board of Estimate and Apportionment adopted a resolution authorizing the proceedings for acquiring title to Cruger avenue from Baker avenue to Rhinelander avenue, and from White Plains road to Bronx and Pelham Parkway South, excluding the right-of-way of the New York, Westchester and Boston Railway, to Holland avenue from Baker avenue to Hunt avenue, and to Rhinelander avenue from White Plains road to Cruger avenue.

Due to repeated requests for change of lines of Cruger Avenue, the final maps for this avenue have been delayed and cannot be completed for several months, and therefore the opening maps cannot be forwarded. The owner of the house at the northeast corner of Holland and Van Nest avenues is very desirous of having the Holland avenue proceedings advanced with the Van Nest avenue proceedings, for which latter Commissioners have been appointed. If the Holland avenue and Van Nest avenue proceedings can be carried on together, the City can gain by placing an upset price on this house, which need not be destroyed, but can be moved to another location if the damage to it by reason of the acquiring of title in both streets can be ascertained at the same time.

I would therefore request that the Holland avenue proceedings be separated, and that the Corporation Counsel be requested to apply for the appointment of Commissioners in Holland avenue upon receipt of maps, which will be hastened.

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

Report No. 12159. February 25, 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 March 7, 1912, a proceeding was instituted for acquiring title to the following streets in the Borough of The Bronx:

Cruger avenue from Baker avenue to Rhinelander avenue, and from White Plains Road to Bronx and Pelham Parkway South; Holland avenue from Baker avenue to Hunt avenue; Rhinelander avenue from White Plains Road to Cruger avenue.

one-half mile, of White Plains road, which here has a width of 100 feet, and was planned as a substitute for the route originally acquired for this street, in order to secure an improved alignment in the section between Bronx and Pelham parkway and Bear Swamp road. Under the resolution of the Board, provision was made for assessing the entire expense of the proceeding upon the property deemed benefited, this comprising the adjoining area to a distance of 880 feet on the east and to an average distance of about 700 feet on the west. In order to clear the way for carrying out a grading improvement a resolution was adopted by the Board of Estimate and Apportionment on June 27, 1912, under which title to the street was vested in the City on August 1, 1912.

The rule and damage maps show that the proceeding relates to an area of 273,450.31 square feet, and that three frame dwellings and a number of sheds and hot beds fall largely or wholly within the street lines.

The preliminary report of the Commissioners, dated November 11, 1912, shows that the preliminary awards for damage aggregate $152,899.49, of which amount $9,615 represents the allowance for improvements. The report also shows that 20,893 square feet of the property acquired is subject to public easements, and that for this area a nominal award of only $2 is to be allowed. It would, therefore, appear that the average allowance for the undedicated land taken in this proceeding is at the rate of about $1,418 per city lot. The total expense involved in the proceeding is estimated at $177,627.78, and I am informally advised that in distributing the assessment it has been assumed that about 75 per cent. of the benefit accrues to the immediate frontage on the street. The benefit area includes a portion of Bronx Park, against which it is proposed to levy an assessment of $7,297.35, or about 4 per cent. of the entire cost of the proceeding.

The petitioner for the Hunt estate claims that his assessment for benefit exceeds his award for damage by $23,359.56; that a street having a width of 60 feet would have been ample to meet the needs of the abutting property; that his holdings have already been assessed for the opening and improvement of White Plains road, as heretofore acquired; that the benefit area fixed in the opening proceeding discriminates against the owners of private property by reason of the assessment district having been made to include a greater area on the easterly side of the street than on the westerly side, thereby exempting land owned by the City within the boundaries of Bronx Park from assessment; that the position and width fixed for this street was required for rapid transit purposes; and that, in order to relieve the property owners from what is claimed to be an unjust burden, the area of assessment should be made to include an area as great as the one fixed in the proceeding for acquiring the section of White Plains road north of Morris Park avenue. For these reasons the Board is asked to accord such relief as it may deem just and proper.

The petitioner for William Vincent Astor alleges that his assessment for benefit is greater than his awards by about $6,300; that in the proceeding heretofore carried out for acquiring title to White Plains road, north of Morris Park avenue, 40 per cent of the expense was assumed by the City at large; that the proceeding now in progress was instituted in order to secure an improved alignment for the street and to replace a section erroneously laid out; that the new line will afford a more direct course for the proposed rapid transit line and thereby save the City a substantial expense; and that the City escapes its pro rata share of the expense of the proceeding by reason of a failure to include as large an area in the assessment district on the westerly side of the street as has been laid out on the easterly side. For these reasons the request is made that a substantial part and at least 40 per cent. of the expense of the proceeding be assumed by the City at large.

The Commissioners' report shows that the petitioners are the owners of a large portion of the assessment district and will be called upon to bear about 56 per cent. of the entire expense involved. The awards for the land taken from the Hunt estate appear to be based on an allowance of about $750 per City lot, while the Astor estate property is valued on the basis of $1,375 per City lot. The assessments for benefit appear to have been distributed on the assumption that it will apply equally throughout the entire length of the street.

Both of these petitioners cite the case of the proceeding for acquiring title to White Plains road, from Morris Park avenue to the City line, as affording warrant for a belief that they have been discriminated against in the proceeding now in progress, and as affording a precedent for the relief to be extended to them. This proceeding was authorized on September 20, 1899, with provision for placing the entire expense upon the property benefited. It included a length of about four miles of White Plains road, which was here laid out with a width ranging from 100 feet to 250 feet and averaging about 111 feet. On June 9, 1905, the Board of Estimate and Apportionment reconsidered the original determination made by the Board of Public Improvements by placing 40 per cent. of the cost upon the City at large, this relief having been afforded as the result of applying the rule adopted on July 25, 1902, relative to the apportionment of the expense of proceedings relating to streets having a width of more than 60 feet. This rule was abandoned in 1907 and has not been applied to any proceeding instituted subsequent to that date.

The petitioners make no reference to the extension of White Plains road, from Morris Park avenue to West Farms road, which was authorized on April 24, 1901, or to the proceeding relating to that portion of the street between West Farms road and the East River, which was authorized on June 18, 1909, the entire expense of both of which was placed upon the property benefited, notwithstanding that the street forms a continuation of the section so liberally treated and that it has a width throughout of 100 feet.

On April 11, 1912, the Board approved a report submitted by your Engineer, in which recommendation was made that the provisions of the Gerhardt Bill, this permitting of a reconsideration of a determination as to the distribution of the expense of a proceeding, should not be applied in such a way as to impose any portion of the expense upon the City at large unless the improvement was unmistakably of a metropolitan character.

In my judgment, the White Plains road does not fall within this class, but I believe that its local importance may justify the extension of some measure of relief through the enlargement of the area of assessment; to that end I would recommend that, after giving a new public hearing, the district of assessment be amended to comprise the following area:

Beginning at a point on a line midway between Wallace avenue and Barnes avenue distant 100 feet northerly from the northerly line of Mace avenue and running thence southwardly along a line always midway between Wallace avenue and Barnes avenue and the prolongations of these streets as laid out immediately north and south of Bronx and Pelham Parkway to the intersection with the northwesterly line of the unnamed street adjoining the New York, Westchester and Boston Railroad on the west; thence southwardly in a straight line to a point on the southerly line of Bear Swamp Road where it is intersected by a line midway between Wallace avenue and Barnes avenue as these streets adjoin Rhinelander avenue; thence southwardly along the said line midway between Wallace avenue and Barnes avenue to the intersection with a line midway between Rhinelander avenue and Morris Park avenue as these streets are laid out between Wallace avenue and Barnes avenue; thence westwardly along the said line midway between Rhinelander avenue and Morris Park avenue and along the prolongation of the said line to a point distant 100 feet westerly from the prolongation of the westerly line of Unionport road as this street is laid out immediately north of Bronx Part East, the said distance being measured at right angles to Unionport road; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Unionport road and its prolongation to the intersection with the prolongation of a line distant 400 feet westerly from and parallel with the easterly line of Bronx Park East as this street is laid out between Brady avenue and Lydig avenue, the said distance being measured at right angles to Bronx Park East; thence northwardly along the said line parallel with Bronx Park East and along the prolongations of the said line to a point distant 100 feet westerly from the prolongation of the westerly line of Bronx Park East as this street adjoins Thwaites place, the said distance being measured at right angles to Bronx Park East; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Bronx Park East and its prolongation as laid out at Thwaites place to the intersection with a line parallel with Mace avenue and passing through the point of beginning; thence eastwardly along the said line parallel with Mace avenue to the point or place of beginning. Respectfully, NELSON P. LEWIS, Chief Engineer.

On motion of the President of the Borough of The Bronx the matter was laid over for three weeks (March 27, 1913).

Acquiring Title to Ivy Street and to Jennings Street from Justice Street to Junction Avenue, Borough of Queens (Cal. No. 42).

The Secretary presented the following resolutions 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: To legally open Ivy street (Prospect street) from Broadway to 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 1st day of July, 1909, Aldermen Flanagan, Quinn and Emener, and Lawrence Gresser, President of the Borough of Queens, voting in favor thereof.

Attest: JOHN M. CRAGEN, Secretary.

Approved this 1st day of July, 1909.

LAWRENCE GRESSER, President of the Borough of Queens.

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: To legally open Jennings street (Evergreen avenue) from Broadway to 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 1st day of July, 1909, Aldermen Flanagan, Quinn and Emener, and Lawrence Gresser, President of the Borough of Queens, voting in favor thereof.

Attest: JOHN M. CRAGEN, Secretary.

Approved this 1st day of July, 1909.

LAWRENCE GRESSER, President of the Borough of Queens.

Report No. 11901. December 27, 1912.

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

Sir—Herewith are transmitted two resolutions of the Local Board of the Newtown District, Borough of Queens, adopted on July 1, 1909, initiating proceedings for acquiring title to the following streets: Ivy street, from Broadway to Junction avenue; Jennings street, from Broadway to Junction avenue.

These streets are incorporated on Section 26 of the final maps of the Borough, which was approved on May 20, 1910. They do not intersect Broadway as described by the Local Board but have been given a westerly terminus at Justice street. The Local Board resolutions, however, can properly be interpreted as a recommendation to acquire title to the entire street lengths as mapped.

Each street has been given a width of 60 feet and has a length of four blocks, or a little less than one-half mile. They are in use through the greater portion of their lengths, and a number of houses have in each case been erected upon the abutting property. It is believed that none of these encroach upon the land to be acquired.

The streets are adjacent and parallel and can advantageously be made the subject of a single opening proceeding which should be made to relate to Ivy street, from Justice street to Junction avenue, and to Jennings street, between the same limits.

I would also recommend 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 northeasterly line of Justice street where it is intersected by a line midway between Jennings street and Lewis avenue, and running thence southwestwardly at right angles to Justice street, a distance of 160 feet; thence northwestwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Justice street to the intersection with the prolongation of a line midway between Horton street and Ivy street, as these streets are laid out adjoining Justice street; thence generally eastwardly along a line always midway between Horton street and Ivy street and the prolongations thereof, to the intersection with a line midway between Junction avenue and Field place; thence southwardly along the said line midway between Junction avenue and Field place to the intersection with the prolongation of a line midway between Jennings street and Lewis avenue; thence westwardly along the said line midway between Jennings street and Lewis avenue and along the prolongation of the said line to the point or place of beginning. Respectfully, NELSON P. LEWIS, 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 Ivy street from Justice street to Junction avenue, and Jennings street from Justice street to Junction avenue, in the Borough of Queens, 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 northeasterly line of Justice street where it is intersected by a line midway between Jennings street and Lewis avenue, and running thence southwestwardly at right angles to Justice street, a distance of 160 feet; thence northwestwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Justice street to the intersection with the prolongation of a line midway between Horton street and Ivy street, as these streets are laid out adjoining Justice street; thence generally eastwardly along a line always midway between Horton street and Ivy street and the prolongations thereof, to the intersection with a line midway between Junction avenue and Field place; thence southwardly along the said line midway between Junction avenue and Field place to the intersection with the prolongation of a line midway between Jennings street and Lewis avenue; thence westwardly along the said line midway between Jennings street and Lewis avenue and along the prolongation of the said line 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Acquiring Title to Radcliff Street and to Strong Street, from Waldron Street to Hewitt Avenue, Borough of Queens (Cal. No. 43).

The Secretary presented the following resolutions 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: To legally open Radcliff street (Moore street and Plateau street), from Barkins street to Hewitt 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 30th day of June, 1910, Aldermen Dujat, Ehntholt and Brady, and Lawrence Gresser, President of the Borough of Queens, voting in favor thereof.

Attest: JOHN N. BOOTH, Secretary.

Approved July 6, 1910.

LAWRENCE GRESSER, President of the Borough of Queens.

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: To legally open Strong street (Floyd street and Smith street), from Barkins street to Hewitt 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 30th day of June, 1910, Aldermen Dujat, Ehntholt and Brady, and Lawrence Gresser, President of the Borough of Queens, voting in favor thereof.

Attest: JOHN N. BOOTH, Secretary.

Approved July 6, 1910.

LAWRENCE GRESSER, President of the Borough of Queens.

Report No. 12188. February 28, 1913.

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

Sir—Herewith are transmitted two resolutions of the Local Board of the Newtown District, Borough of Queens, adopted on June 30, 1910, initiating proceedings for acquiring title to the following streets: Radcliff street, from Barkins street to Hewitt avenue; Strong street, from Barkins street to Hewitt avenue.

On January 9, 1913, the Board approved a map under which a radical modification was effected in the street system south of Corona avenue in the vicinity of these streets. On this map Barkins street was discontinued, but a street designated as Waldron street was laid out in a position approximately corresponding with its former location. The width of each street between Corona avenue and Barkins street was also decreased from 60 feet to 50 feet. In my judgment the resolutions can properly be interpreted as a recommendation to acquire all of these streets as now laid out east of Waldron street.

There would then be affected ten blocks or about 5,600 feet of Radcliff street and eight blocks or about 5,800 feet of Strong street, each of which has been laid out to have a width of 60 feet north of Corona avenue and of 50 feet southerly therefrom. Approximately graded roadways are in use from Waldron street to a point about 400 feet east of Tiemann avenue where old highways are included within the lines of each street. In these sections the abutting property is partially improved, but it is believed that there are no encroachments.

I would recommend the institution of a proceeding for acquiring title to each of these streets from Waldron street to Hewitt avenue, with the understanding that they will be combined into a single opening proceeding.

I would also recommend 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 westerly United States bulkhead line of Flushing River where it is intersected by the prolongation of a line midway between Provoost street and Radcliff street and running thence southwardly along the said bulkhead line to the intersection with the prolongation of a line midway between Strong street and Tory street; thence westwardly along a line midway between Strong street and Tory street and along the prolongation of the said line to the intersection with the easterly line of Corona avenue; thence westwardly in a straight line to a point on the westerly line of 51st street where it is intersected by a line midway between Strong street and Lewis avenue as these streets are laid out between Waldron street and 51st street; thence westwardly along the said line midway between Strong street and Lewis 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 Waldron street as this street is laid out where it adjoins Strong street, the said distance being measured at right angles to Waldron street; thence northwardly along the said line parallel with Waldron street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Christie street and the northerly line of Radcliff street as these streets are laid out between Waldron street and Alstyne avenue; thence eastwardly along the said bisecting line to the intersection with the prolongation of a line midway between Provoost street and Radcliff street; thence eastwardly along the said line midway between Provoost street and Radcliff street and along the prolongations of the said line to the point or place of beginning. Respectfully,

NELSON P. LEWIS, 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 Radcliff street, from Waldron street to Hewitt avenue, and Strong street, from Waldron street to Hewitt avenue, in the Borough of Queens, 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 westerly United States bulkhead line of Flushing River where it is intersected by the prolongation of a line midway between Provoost street and Radcliff street and running thence southwardly along the said bulkhead line to the intersection with the prolongation of a line midway between Strong street and Tory street; thence westwardly along a line midway between Strong street and Tory street and along the prolongation of the said line to the intersection with the easterly line of Corona avenue; thence westwardly in a straight line to a point on the westerly line of 51st street where it is intersected by a line midway between Strong street and Lewis avenue as these streets are laid out between Waldron street and 51st street; thence westwardly along the said line midway between Strong street and Lewis 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 Waldron street as this street is laid out where it adjoins Strong street, the said distance being measured at right angles to Waldron street; thence northwardly along the said line parallel with Waldron street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Christie street and the northerly line of Radcliff street as these streets are laid out between Waldron street and Alstyne avenue; thence eastwardly along the said bisecting line to the intersection with the prolongation of a line midway between Provoost street and Radcliff street; thence eastwardly along the said line midway between Provoost street and Radcliff street and along the prolongations of the said line 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Acquiring Title to Schroeder Place, from Queens Boulevard to Woodside Avenue, Borough of Queens (Cal. No. 44).

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: To legally open Schroeder place, from Thomson avenue to Woodside 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 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 this 28th day of June, 1912.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12172. February 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 Newtown District, Borough of Queens, adopted on June 14, 1912, initiating proceedings for acquiring title to Schroeder place from Queens boulevard (Thomson avenue) to Woodside avenue.

This resolution affects the entire length of Schroeder place, comprising four blocks or about 1,200 feet, which has been laid out upon the City Map to have a width of 60 feet. A narrow roadway is in use and a few houses have been erected upon the abutting property. It is believed that there are no encroachments.

I would recommend the approval of the resolution; 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 center line of Woodside avenue where it is intersected by the prolongation of a line midway between Wright place and Vaux street as these streets are laid out adjoining Roosevelt avenue, and running thence northwardly along the prolongation of the said line midway between Wright place and Vaux street to a point distant 100 feet northerly from the northerly side of Woodside avenue; the said distance being measured at right angles to Woodside avenue; thence eastwardly and parallel with Woodside avenue to the intersection with a line at right angles to Woodside avenue and passing through a point on its southerly side distant 100 feet easterly from the easterly line of Schroeder place, the said distance being measured at right angles to Schroeder place; thence southwardly along the said line at right angles to Woodside avenue to its southerly side; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Schroeder place and its prolongation to the intersection with the center line of Queens boulevard; thence westwardly along the center line of Queens boulevard to the intersection with the prolongation of a line midway between 5th street and Schroeder place as these streets are laid out between Grout avenue and Alexis street; thence northwardly along the said line midway between 5th street and Schroeder place 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 center lines of 5th street and Schroeder place as these streets are laid out adjoining Mansion place on the north; thence northwardly along the said bisecting line to the intersection with the center line of Woodside avenue; thence eastwardly along the center line of Woodside avenue to the point of place of beginning. Respectfully,

NELSON P. LEWIS, 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 Schroeder place, from Queens boulevard to Woodside avenue, in the Borough of Queens, 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 center line of Woodside avenue where it is intersected by the prolongation of a line midway between Wright place and Vaux street as these streets are laid out adjoining Roosevelt avenue, and running thence northwardly along the prolongation of the said line midway between Wright place and Vaux street to a point distant 100 feet northerly from the northerly side of Woodside avenue; the said distance being measured at right angles to Woodside avenue; thence eastwardly and parallel with Woodside avenue to the intersection with a line at right angles to Woodside avenue and passing through a point on its southerly side distant 100 feet easterly from the easterly line of Schroeder place, the said distance being measured at right angles to Schroeder place; thence southwardly along the said line at right angles to Woodside avenue to its southerly side; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Schroeder place and its prolongation to the intersection with the center line of Queens boulevard; thence westwardly along the center line of Queens boulevard to the intersection with the prolongation of a line midway between 5th street and Schroeder place as these streets are laid out between Grout avenue and Alexis street; thence northwardly along the said line midway between 5th street and Schroeder place 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 center lines of 5th street and Schroeder place as these streets are laid out adjoining Mansion place on the north; thence northwardly along the said bisecting line to the intersection with the center line of Woodside avenue; thence eastwardly along the center line of Woodside avenue to the point of 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 17th day of April, 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 17th day of April, 1913.

Which was adopted by the following vote:

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

Amending the Proceeding for Acquiring Title to Grove Street, from Woodward Avenue to Traffic Street; to Ralph Street, from Grandview Avenue to Traffic Street; and to Vincent Street, from Ralph Street to Metropolitan Avenue, Borough of Queens (Cal. No. 45).

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

The Long Island Railroad Company, General Office, Pennsylvania Station, New York, February 7, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—On January 23, 1913, the Board of Estimate and Apportionment approved rule map, damage map and profile in the proceeding for acquiring title to Grove street, from Woodward avenue to Traffic street; to Ralph street, from Grandview avenue to Traffic street, and to Vincent street, from Ralph street to Metropolitan avenue, in the Borough of Queens.

We note that the lines of Ralph street and Grove street are carried through to the northerly line of Traffic street, as mapped. Traffic street is neither legally nor physically opened, and at the point where it is met by Ralph street is occupied by tracks of the Long Island Railroad and used for railroad purposes. A narrow strip of Traffic street, within the lines of Grove street, as shown upon the damage map, is also required for railroad purposes.

As shown upon the damage map the parcels owned by the Railroad Company and required for railroad purposes are numbered 21, 33 and 34. This property, so owned and used, cannot be acquired for street purposes, being already subjected to a public use. We therefore suggest that you recall your approval of the rule, damage and profile maps above referred to and amend them so as to exclude the parcels numbered 21, 33 and 34.

In this connection we may also say that proceedings are now pending before the Local Board for the relocation of Traffic street, some short distance south of its present position, as mapped. If Traffic street is relocated as proposed there would seem to be no necessity for continuing either Ralph street or Grove street to the north thereof, and under the circumstances it may be desirable that you instruct the Corporation Counsel to withhold his application for the appointment of Commissioners until the street layout in this section is finally adjusted to the satisfaction of all interested parties.

We, however, are only interested to see that our land, used and required for railroad purposes, is not acquired in the proceeding.

We would thank you to present this matter to the Board. Respectfully yours,

J. F. KEANY, General Solicitor.

Report No. 12137. February 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 January 11, 1912, a proceeding was instituted for acquiring title to the following streets in the Borough of Queens: Grove street, from Woodward avenue to Traffic street; Ralph street, from Grandview avenue to Traffic street; Vincent street, from Ralph street to Metropolitan avenue.

The rule and damage maps in this proceeding were approved on January 23 last, but up to the present time the Commissioners of Estimate and Assessment have not been appointed.

In a communication bearing date of February 7, 1913, the Long Island Railroad Company, through its General Solicitor, Mr. J. F. Keany, now advises the Board that Damage Parcel No. 21 within the lines of Grove street and Parcels Nos. 33 and 34 within the lines of Ralph street, all of which are located within or adjoining the respective intersections of these streets with Traffic street, affect land that is being used for railroad purposes. Request is accordingly made that the opening proceeding be amended by the elimination of these parcels.

It is understood that the owners of the land in the immediate vicinity are desirous of developing their holdings along other lines than those laid out upon the City Plan and that the matter of a radical change in the position of Traffic street is at the present time under consideration. When these changes are effected it will be necessary to correspondingly modify the scope of the opening proceeding, and this can be done in such a way as to meet the objections now raised by the railroad company.

It would, therefore, seem unnecessary to take any action at this time or to delay the proceeding in so far as it relates to Vincent street, to Ralph street, between Grandview avenue and Fresh Pond road, or to Grove street, between Woodward avenue and Fresh Pond road.

I would accordingly recommend that the attention of the Corporation Counsel be directed to the probability of an early amendment of the opening proceeding referred to in so far as Ralph avenue and Grove street are concerned, between Fresh Pond road and Traffic street, and that he be requested not to incur any expense that could properly be charged against this area for a period of four months.

I would also recommend that the attention of the Borough President be directed to the objections raised by the railroad company, and that he be requested to expedite the preparation of the amendatory plan referred to so that any necessary modification in the opening proceeding can be promptly effected. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The Secretary was then directed to call the attention of the Corporation Counsel to the probability of an early amendment of this proceeding insofar as it affects Ralph street and Grove street, between Fresh Pond road and Traffic street, and to request him not to incur any expenses for a period of four months that could properly be charged against this area.

The Secretary was also directed to call the attention of the President of the Borough of Queens to the desirability of expediting the proposed amendment.

Acquiring Title to Riker Avenue. Between Steinway Avenue and 12th Street, Borough of Queens (Cal. No. 46).

The Secretary presented the following communication from New York and Queens County Railway Company:

New York and Queens County Railway Comapny., Long Island City, N. Y., February 26, 1913.

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

Gentlemen—By resolution adopted February 6, 1913, your Honorable Board requested the Corporation Counsel to make application for the appointment of a Commissioner of Estimate and one Commissioner of Assessment, and to take all necessary proceedings in the name of The City of New York to acquire title to Riker avenue, from Steinway avenue to 12th street, in the Borough of Queens, City of New York.

This company operates a double track street railway along Riker avenue as a private right of way.

Formal demand is hereby made upon your Honorable Board that the Corporation Counsel, in the proceeding to acquire title to Riker avenue, be directed to acquire the same subject to the rights of this company to operate a street surface railway over Riker avenue. Yours truly, W. O. WOOD, President and General Manager.

On motion the matter was referred to the Corporation Counsel.

Acquiring Title to Rockaway Road, Borough of Queens (Cal. No. 47).

(A proceeding for acquiring title to Rockaway road, between the conduit and the City line, was authorized on June 1, 1911.)

The Secretary presented the following communication from the Long Island Electric Railway Company:

Long Island Electric Railway Company, Long Island City, N. Y., February 26, 1913.

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

Gentlemen—Your Honorable Board adopted a map on February 23, 1911, establishing the lines of the Rockaway turnpike, between Conduit and Hook Creek, and new grades. This company operates a trolley line along the Rockaway turnpike under a grant from the President, Directors and Company of the Rockaway Road.

Formal demand is hereby made upon your Honorable Board that in the resolution, directing the Corporation Counsel to proceed to acquire title to this turnpike, that he be instructed to take such title subject to the rights of this company to operate a street surface railroad over the Rockaway turnpike. Yours truly,

W. O. WOOD, Vice President and General Manager.

On motion the matter was referred to the Corporation Counsel.

Rule and Damage Maps in the Proceeding for Acquiring Title to the Public Place Bounded by Meeker Avenue, Monitor Street and Engert Avenue, Borough of Brooklyn (Cal. No. 48).

The Secretary presented the following report of the Chief Engineer:

Report No. 12084. January 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, bearing date of January 17, 1913, presenting for consideration the rule map and damage map prepared for the court record and for the use of the Commissioners of Estimate and Assessment to be appointed in the proceeding for acquiring title to the public place bounded by Meeker avenue, Monitor street and Engert avenue.

This proceeding was instituted by the Board of Estimate and Apportionment on April 18, 1912, and the maps indicate that it affects an area of 238.19 square feet and that the land is unimproved.

I would recommend the approval of the maps and that, after certification, they be forwarded to the Corporation Counsel. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the rule map and damage map submitted by the President of the Borough of Brooklyn, to be used by the Corporation Counsel in the proceeding instituted by said Board on April 18, 1912, for acquiring title to the public place bounded by Meeker avenue, Monitor street and Engert avenue, Borough of Brooklyn.

Which was adopted by the following vote:

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

Rule Map and Damage Map in the Proceeding for Acquiring Title to East 166th Street, from Brook Avenue to the Westerly Right of Way Line of the New York and Harlem Railroad, Borough of The Bronx (Cal. No. 49).

The Secretary presented the following Report of the Chief Engineer:

Report No. 12157. February 25, 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 February 15, 1913, presenting for consideration the rule map and damage map prepared for the court record and for the use of the Commissioners of Estimate and Assessment to be appointed in the proceeding for acquiring title to East 166th street, from Brook avenue to the westerly right-of-way line of the New York and Harlem Railroad.

This proceeding was instituted by the Board of Estimate and Apportionment on July 11, 1912, and the maps indicate that it affects an area of 1,985.24 square feet of unimproved land.

I would recommend the approval of the maps and that, after certification, they be forwarded to the Corporation Counsel. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment of The City of New York hereby approves the rule map and damage map, submitted by the President of the Borough of The Bronx, to be used by the Corporation Counsel in the proceeding instituted by said Board on July 11, 1912, for acquiring title to East 166th street from Brook avenue to the westerly right of way line of the New York and Harlem Railroad, Borough of The Bronx, which proceeding was amended on October 3, 1912, by modifying the area of assessment.

Which was adopted by the following vote:

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

Modification in the Drainage Plan for Sewerage District No. 6-A, Borough of Queens. (Cal. No. 50).

The Secretary presented the following communication from the Secretary of the Borough of Queens and Report of the Chief Engineeer:

The City of New York, Office of the President of the Borough of Queens, Long Island City, July 23, 1912.

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

Dear Sir—I transmit herewith for the approval of the Board of Estimate and Apportionment, amended drainage plans, as follows:

Sewerage District, Number 6-A, First Ward; Sewerage Districts, Numbers 40-B and 40-C; Sewerage District, Number 24-A, and portion of Sewerage District, Number 24.

Amended drainage plan of Sewerage Districts, Number 40-B and 40-C—The drainage system in this district was amended for the purpose of locating the trunk sewer in Fulton street, instead of Ridgewood avenue. There being so many obstacles in the way of the opening of Ridgewood avenue it was thought advisable to rearrange a system so that such areas which will have to use the trunk sewer in Vanderveer avenue may not be too long delayed in the sewer improvements.

Drainage plan of Sewerage District, Number 24-A, and amending portion of Sewerage District, Number 24—The principal amendment to part of District Number 24 was the establishing of high level sewers in 51st street. As the 51st street sewer south of Ditmars avenue will be built in tunnel, it was found necessary to determine the location of necessary shafts to receive the discharge of the laterals.

The following contemplated grades are being omitted from the plan.

On 47th street, 160 feet north of Hayes avenue, 66.1; on 48th street, 170 feet south of Jackson avenue, 65.9. Neither of these grades affect the sewers.

At 43d street and Jackson avenue, the adopted grade 67.0, is to be changed to 65.0. The sewers were modified to meet the proposed grade.

On 49th street, 141 feet north of Jackson avenue crown, 66.8, 67.6, 69.6. The sewer was modified as shown in additional grade.

On 50th street and Burnside avenue, established grade 70.0 to be changed to 75.0. Sewers were designed to meet the latter grade. Respectfully,

JOSEPH FLANAGAN, Secretary of the Borough of Queens.

Report No. 11606. October 5, 1912.

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

Sir—Herewith is transmitted a communication from the Secretary of the Borough of Queens, bearing date of July 23, 1912, requesting the approval of a modification in the drainage plan for sewerage district No. 6A.

Under the change now desired it is proposed to provide a lateral sewer for Weil place between Flushing avenue and North Washington place. This street has recently been placed upon the city map and provision is now to be made for its drainage.

I see no reason why the map should not be adopted and would recommend such action. Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the modified drainage plan showing location, sizes and grades of sewers in Sewerage District 6-A, being a plan for sewers in Weil place, between Flushing avenue and North Washington place, Borough of Queens, bearing the signature of the President of the Borough, and dated June 15, 1912.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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.

(Preliminary Authorization).

Constructing an Alteration and Improvement to the Sewer in West 19th Street, from 6th Avenue to 7th Avenue, Borough of Manhattan (Cal. No. 51).

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

In the Local Board of the Murray Hill 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 fifteeen 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 Murray Hill District, pursuant to Titles 2 and 3 of Chapter X 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 alteration and improvement to sewer in 19th street, between 6th and 7th 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 Murray Hill District on the 19th day of November, 1912, all the members present voting in favor thereof.

Attest: JULIAN B. BEATY, Secretary.

Approved this 20th day of November, 1912.

Estimated cost, $7,000; assessed valuation of property, $5,154,000.

GEORGE McANENY, President of the Borough of Manhattan.

Report No. 11986. January 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 Murray Hill District, Borough of Manhattan, adopted on November 19, 1912, initiating proceedings for constructing an alteration and improvement to the sewer in West 19th street, from 6th avenue to 7th avenue.

This resolution affects one long block of West 19th street, title to which has been legally acquired. The street is paved and the abutting property is fully built up. The sewer now under consideration is intended to replace an existing sewer of larger capacity which is in a condition of disrepair.

The work is estimated to cost about $7,000, and the assessed valuation of the property to be benefited is $5,154,000.

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,

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 Murray Hill District, duly adpted by said Board on the 19th day of November, 1912, and approved by the President of the Borough of Manhattan on the 20th day of November, 1912, as follows, to wit:

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

"To construct alteration and improvement to sewer in 19th street, between 6th and 7th 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 cotingencies, 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 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 Benton Street, from Kingsland Avenue to Morgan Avenue, Borough of Brooklyn (Cal. No. 52).

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 construct a sewer in Benton street (now Jackson avenue) from Kingsland avenue to DeBevoise avenue and outlet sewer in Benton street (now Jackson avenue) from DeBevoise avenue to Morgan 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 Williamsburg District, hereby initiates proceedings to construct a sewer in Benton street (now Jackson avenue), from Kingsland avenue to DeBevoise avenue, and an outlet sewer in Benton street (now Jackson avenue), from DeBevoise avenue to Morgan avenue.

Adopted by the Local Board of the Williamsburg District February 14, 1913, Commissioner Pounds and Aldermen Moore, Dixson and McGarry voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on February 19, 1913.

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

Report No. 12170. February 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 Williamsburg District, Borough of Brooklyn, adopted on February 14, 1913, initiating proceedings for constructing a sewer in Benton street, from Kingsland avenue to Morgan avenue.

This resolution affects two blocks or about 900 feet of Benton street, title to which has been legally acquired. 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 $3,700, and the assessed valuation of the property to be benefited is $51,600.

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,

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 Williamsburg District, duly adopted by said Board on the 14th day of February, 1913, and approved by the President of the Borough of Brooklyn on the 19th day of February, 1913, as follows, to wit:

"Resolved, that the Local Board of the Williamsburg District hereby initiates proceedings to construct a sewer in Benton street (now Jackson avenue), from Kingsland avenue to De Bevoise avenue, and an outlet sewer in Benton street (now Jackson avenue), from De Bevoise avenue to Morgan 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in 35th Street from 14th Avenue to West Street, and in West Street from 35th Street to Avenue C, Borough of Brooklyn (Cal. No. 53).

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:

Sewer in 35th street, from Church avenue to West 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 construct a sewer in 35th street, from 14th avenue to West street, and outlet sewer in West street, from 35th street to Avenue C; 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 15th day of December, 1911, Commissioner Pounds and Aldermen Potter and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on November 26, 1912.

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

Report No. 11993. February 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 Flatbush District, Borough of Brooklyn, adopted on December 15, 1911, initiating proceedings for constructing sewers in the following streets: Thirty-fifth street, from 14th avenue to West street; West street, from 35th street to Avenue C.

Title to 35th street has been legally acquired.

An opening proceeding relating to West street, from Fort Hamilton avenue to 43d street, excepting the right-of-way of the Prospect Park and Coney Island Railroad, together with Avenue F, from Gravesend avenue to West street, was instituted by the Board of Estimate and Apportionment on November 4, 1910. The oaths of the Commissioners of Estimate and Assessment in this proceeding were filed on August 9, 1912, and title to the land can be vested in the City at any time.

The resolution now presented affects one short block of West street and one long block of 35th street, aggregating a length of about 600 feet. Each of these streets is approximately graded and the property abutting upon them is partially improved. Preliminary authorization has recently been given for the necessary outlet sewer in West street.

The work is estimated to cost about $2,500, and the assessed valuation of the property to be benefited is $209,190.

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 outlet sewer has been provided for.

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 15th day of December, 1911, and approved by the President of the Borough of Brooklyn on the 26th day of November, 1912, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to construct a sewer in 35th street, from 14th avenue to West street, and outlet sewer in West street, from 35th street to Avenue C;"

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

Sanitary and Storm-Water Sewers in Avenue P, from East 9th Street to East 17th Street; in East 15th Street, from Avenue O to Kings Highway; and in Kings Highway, from East 14th Street to East 16th Street, Borough of Brooklyn (Cal. No. 54).

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 14th day of March, 1912, hereby initiates proceedings to construct sanitary sewers and storm sewers in Avenue P, from East 9th street to East 17th street; in East 15th street, from Avenue O to Kings highway and in Kings highway, from East 14th street to East 16th 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 14th day of March, 1912, Commissioner Pounds and Aldermen Bosse, Esterbrook and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on February 21, 1913.

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

Report No. 12179. February 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 Flatbush District, Borough of Brooklyn, adopted on March 14, 1912, initiating proceedings for constructing sanitary and storm water sewers in the following streets:

Avenue P, from East 9th street to East 17th street; East 15th street, from Avenue O to Kings Highway; Kings Highway, from East 14th street to East 16th street.

Title to Avenue P and to East 15th street has been legally acquired.

An opening proceeding relating to Kings Highway, from Ocean Parkway to Flatbush avenue, together with short adjoining sections of some of the intersecting streets, was instituted by the Board of Estimate and Apportionment on December 15, 1910. The oaths of the Commissioners of Estimate and Assessment were filed on November 22 of the following year, and title to the land can be vested in the City at any time.

The resolution now presented affects lengths varying from two short blocks of Kings Highway to eight short blocks of Avenue P, aggregating about 4,000 feet. Each of the streets is in use and the area traversed is partially improved. The outlet sewer in Coney Island avenue is under contract, and preliminary authorization was recently granted for the one needed in East 16th street.

The work is estimated to cost about $35,000, and the assessed valuation of the property to be benefited is $1,890,550.

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, with the understanding that the construction will then be authorized if the outlet sewer in East 16th street has been provided for. 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 14th day of March, 1912, and approved by the President of the Borough of Brooklyn on the 21st day of February, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District, Borough of Brooklyn, after duly advertised hearing had this 14th day of March, 1912, hereby initiates proceedings to construct sanitary sewers and storm sewers in Avenue P, from East 9th street to East 17th street; in East 15th street from Avenue O to Kings highway and in Kings highway, from East 14th street to East 16h 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Coney Island Avenue, Both Sides, from Avenue O to the Sewer Summit Northerly Therefrom; in Avenue O, from Coney Island Avenue to Kings Highway; and in Kings Highway, from Avenue O to Avenue N, Borough of Brooklyn (Cal. No. 55).

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 3d day of February, 1911, hereby initiates proceedings to construct sewers in Coney Island avenue, both sides, from the sewer summit between Avenue N and O to Avenue O, and outlet sewers in Avenue O, from Coney Island avenue to Kings highway, and in Kings highway from Avenue O to Avenue N; 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 Flatbush District, this 3d day of February, 1911, Commissioner Pounds and Aldermen Potter and Esterbrook voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on December 20, 1912.

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

Report No. 12144. February 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 February 3, 1911, initiating proceedings for constructing sewers in the following streets:

Coney Island avenue, both sides, from Avenue O to the sewer summit northerly therefrom; Avenue O, from Coney Island avenue to Kings Highway; Kings Highway from Avenue O to Avenue N.

Title to Coney Island avenue has been legally acquired.

An opening proceeding relating to Kings Highway from Ocean Parkway to Flatbush avenue, and to Avenue O from the westerly line of East 26th street to Kings Highway, together with a number of other streets, was instituted by the Board of Estimate and Apportionment on December 15, 1910. The oaths of the Commissioners of Estimate and Assessment were filed on November 22, 1911, and title to the land can be vested in the City at any time.

A proceeding relating to Avenue O from the westerly line of the former village of South Greenfield at the intersection of East 23d street to East 26th street, together with a number of other streets, was instituted on April 18, 1912, through the amendment of a proceeding instituted on January 15, 1909, relating to Avenue N from Gravesend avenue to Flatlands avenue. 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 after August 3, 1913.

The Corporation Counsel has previously advised that the remaining portion of Avenue O on the west is dedicated to public use.

The resolution now presented affects lengths varying from one-half long block of Coney Island avenue to 16 short blocks of Avenue O, aggregating about 6,100 feet. With the exception of Avenue O from East 24th street to Kings Highway, each of the streets is in use, but the area traversed is generally unimproved. The central portion of the roadway of Coney Island avenue is occupied by a double track trolley railroad. The outlet sewer is provided for. The work is estimated to cost about $76,200, and the assessed valuation of the property to be benefited is $1,387,572.

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 February, 1911, and approved by the President of the Borough of Brooklyn on the 20th day of December, 1912, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District, Borough of Brooklyn, after duly advertised hearing had this 3d day of February, 1911, hereby initiates proceedings to construct sewers in Coney Island avenue, both sides, from the sewer summit between Avenue N and Avenue O, to Avenue O, and outlet sewers in Avenue O, from Coney Island avenue to Kings highway, and in Kings highway, from Avenue O to Avenue N;"

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

Sewer in Barrett Street, from Sutter Avenue to Blake Avenue, Borough of Brooklyn (Cal. No. 56).

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.

Resolved, That the Local Board of the New Lots District, Borough of Brooklyn, after duly advertised hearing had this 30th day of June, 1910, hereby initiates proceedings to construct a sewer in Barrett street, from Sutter avenue to Blake avenue.

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 this 30th day of June, 1910, Commissioner Pounds and Aldermen Eichhorn, Grimm and Drescher voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on September 20, 1912.

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

Report No. 11603. October 5, 1912.

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 June 30, 1910, initiating proceedings for constructing a sewer in Barrett street, from Sutter avenue to Blake avenue.

An opening proceeding relating to this street between the limits named was instituted by the Board of Estimate and Apportionment on December 15, 1910. The oaths of the Commissioners of Estimate and Assessment were filed on July 25, 1912, and title to the land can be vested in the City at any time.

The resolution now presented affects one block or about 500 feet of Barrett street. The roadway is roughly graded, but, with the exception of a public school building at the southwesterly corner of Sutter avenue, the abutting property is entirely unimproved. The outlet sewer has been provided for.

The work is estimated to cost about $2,300, and the assessed valuation of the property to be benefited is $475,650.

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,

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 New Lots District, duly adopted by said Board on the 30th day of June, 1910, and approved by the President of the Borough of Brooklyn on the 30th day of September, 1912, as follows, to wit:

"Resolved, That the Local Board of the New Lots District, Borough of Brooklyn, after duly advertised hearing had this 30th day of June, 1910, hereby initiates proceedings to construct a sewer in Barrett street, from Sutter avenue to Blake 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 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 Street, from Church Avenue to Fort Hamilton Avenue, Borough of Brooklyn (Cal. No. 57).

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 laying sidewalks on West street, from Church avenue to Fort Hamilton 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 street, from Church avenue to Fort Hamilton 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 9th day of October, 1912, President Steers and Alderman Bosse voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on November 7, 1912.

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

Report No. 11818. December 3, 1912.

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 October 9, 1912, initiating proceedings for grading, curbing and flagging West street, from Church avenue to Fort Hamilton avenue.

An opening proceeding relating to this street from Fort Hamilton avenue to 43d street, excepting the right-of-way of the Prospect Park and Coney Island Railroad, together with Avenue F, from Gravesend avenue to West street, was instituted by the Board of Estimate and Apportionment on November 4, 1910. The oaths of the Commissioners of Estimate and Assessment were filed on August 9, 1912, and title to the land can be vested in the City at any time after February 9 next.

The resolution now presented affects six blocks, or about 1,700 feet of West street. The roadway is approximately graded and the abutting property is partially improved.

The work is estimated to cost about $7,800, and the assessed valuation of the land to be benefited is $200,550.

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 the 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 9th day of October, 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 street, from Church avenue to Fort Hamilton 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 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 3d Street, from Fort Hamilton Avenue to Beverly Road, Borough of Brooklyn (Cal. No. 58).

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 sidewalks on East 3d street from Fort Hamilton avenue to Beverly road, 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 3d street, from Fort Hamilton avenue to Beverly road.

Adopted by the Local Board of the Flatbush District February 14, 1913, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on February 19, 1913.

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

Report No. 12171. February 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 February 14, 1913, initiating proceedings for grading, curbing and flagging East 3d street from Fort Hamilton avenue to Beverly road.

This resolution affects four blocks or about 1,900 feet of East 3d street, title to which has been legally acquired. An approximately graded roadway is in use and the abutting property is partially improved.

The work is estimated to cost about $3,500, and the assessed valuation of the land to be benefited is $161,450.

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 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 February, 1913, and approved by the President of the Borough of Brooklyn on the 19th day of February, 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 3d street, from Fort Hamilton avenue to Beverly road;"

—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 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 Road, from Nostrand Avenue to a Point About 500 feet Easterly Therefrom, and East New York Avenue, from a Point About 500 Feet East of Nostrand Avenue to Utica Avenue, Borough of Brooklyn (Cal. No. 59).

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: Sidewalks, curb and asphalting Lincoln road, between Nostrand and Utica 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 on Lincoln road, from Nostrand avenue to a point about 500 feet easterly thereof; and to regulate, grade, set cement curb and lay cement sidewalks on East New York avenue from a point about 500 feet east of Nostrand avenue to Utica avenue.

Adopted by the Local Board of the Flatbush District this 5th day of June, 1912, Commissioner Pounds and Aldermen Bosse, Esterbrook and Morrison voting in favor thereof.

Attest: JAMES M. POWER, Acting Secretary.

Approved on February 11, 1913.

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

Report No. 12145. February 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 5, 1912, initiating proceedings for grading, curbing and flagging Lincoln road from Nostrand avenue to a point about 500 feet easterly therefrom, and East New York avenue from a point about 500 feet east of Nostrand avenue to Utica avenue.

An opening proceeding relating to East New York avenue from Canarsie avenue to Pitkin avenue, together with short adjoining sections of Lefferts avenue and Utica avenue, was instituted by the Board of Estimate and Apportionment on May 4, 1911, and was amended on June 27 of the following year by the inclusion of Lincoln road from Nostrand avenue to Canarsie avenue. The oaths of the Commissioners of Estimate and Assessment in this proceeding were filed on August 9, 1912, and title to the land where necessary can be vested in the City at any time.

The resolution now presented affects one block of Lincoln road and seven blocks of East New York avenue, aggregating a little less than one mile. The streets form a continuous thoroughfare in which an approximately graded roadway is in use. The abutting property is partially improved.

The work is estimated to cost about $19,200, and the assessed valuation of the land to be benefited is $371,000.

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,

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 5th day of June, 1912, and approved by the President of the Borough of Brooklyn on the 11th day of February, 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 Lincoln road, from Nostrand avenue to a point about 500 feet easterly thereof; and to regulate, grade, set cement curb and lay cement sidewalks on East New York avenue, from a point about 500 feet east of Nostrand avenue to Utica 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 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 32d Street, from Neptune Avenue to a Line About 300 Feet South of Surf Avenue, and Constructing a Timber Bulkhead at the Atlantic Ocean, Borough of Brooklyn (Cal. No. 60).

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 grade, curb and flag West 32d street, from Neptune avenue to the Atlantic Ocean, 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 32d street, from Neptune avenue to a line about 300 feet south of Surf avenue, and to construct a timber bulkhead.

Adopted by the Local Board of the Flatbush District February 14, 1913; Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on February 25, 1913.

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

Report No. 12190. March 3, 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 February 14, 1913, initiating proceedings for grading, curbing and flagging West 32nd street from Neptune avenue to a line about 300 feet south of Surf avenue, and for constructing a timber bulkhead at the Atlantic Ocean.

An opening proceeding relating to this street from Neptune avenue to the mean high water line of the Atlantic Ocean, excepting the right-of-way of the New York and Coney Island Railroad, together with a number of other streets, was instituted by the Board of Estimate and Apportionment on March 9, 1911. The oaths of the Commissioners of Estimate and Assessment were filed on February 1, 1912, and title to the land where neecessary can be vested in the City at any time.

The resolution now presented affects two and one-half blocks or about 2,000 feet of West 32nd street. An approximately graded roadway is in use and a few buildings have been erected upon the abutting property. The New York and Coney Island Railroad crosses the street about 200 feet north of Surf avenue approximately at the established grade.

The work is estimated to cost about $10,300, and the assessed valuation of the land to be benefited is $217,300.

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 14th day of February, 1913, and approved by the President of the Borough of Brooklyn on the 25th day of February, 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 West 32d street, from Neptune avenue to a line about 300 feet south of Surf avenue, and to construct a timber bulkhead."

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

Regulating and Grading Amboy Street, from Lott Avenue to East 98th Street, Borough of Brooklyn (Cal. No. 61).

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, curb, lay sidewalks, pave with asphalt and construct sewer in Amboy street, between Blake avenue and East 98th 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 regulate, grade, set cement curb and lay cement sidewalks on Amboy street, between Lot avenue and East 98th 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 New Lots District on the 2d day of October, 1912; Commissioner Pounds and Aldermen Eichhorn, Grimm and Martyn voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on February 7, 1913.

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

Report No. 12146. February 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 New Lots District, Borough of Brooklyn, adopted on October 2, 1912, initiating proceedings for grading, curbing and flagging Amboy street, from Lott avenue to East 98th street.

This resolution affects two blocks or about 1,200 feet of Amboy street, title to which has been legally acquired. North of Hegeman avenue a narrow roadway is in use, but south of this point the street is graded, curbed and flagged. The grade to which the curbing and flagging have been set differs materially from the elevation heretofore established for the street, for which reason those improvements will be replaced.

The work is estimated to cost about $10,500, and the assessed valuation of the land to be benefited is $47,650.

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,

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 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 7th day of February, 1913, 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 Amboy street, between Lott avenue and East 98th 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Curbing and Paving Newkirk Avenue, from Coney Island Avenue to 1st Street, Borough of Brooklyn (Cal. No. 62).

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 set with cement curb and lay asphalt pavement on Newkirk avenue, between Coney Island avenue and 1st 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 set cement curb and lay a preliminary asphalt pavement on a 4-inch concrete foundation on Newkirk avenue, from Coney Island avenue to 1st 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 14th day of November, 1912; Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on December 18, 1912.

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

Report No. 12105. February 3, 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 November 14, 1912, initiating proceedings for curbing and paving with asphalt (preliminary pavement) Newkirk avenue from Coney Island avenue to First street.

An opening proceeding relating to this street was instituted in 1909, but has not advanced sufficiently to permit of vesting title to the land in the City. It will be unnecessary, however, to defer the consideration of the improvement now desired for the reason that the Corporation Counsel has advised that the street is dedicated to public use.

The resolution affects one block or about 500 feet of Newkirk avenue. The roadway is approximately graded, the flagging has been provided, and the abutting property is largely improved. All of the subsurface structures have been completed.

The work is estimated to cost about $5,000, and the assessed valuation of the land 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, 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 14th day of November, 1912, and approved by the President of the Borough of Brooklyn on the 18th day of December, 1912, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby initiates proceedings to set cement curb and lay a preliminary asphalt pavement on a 4-inch concrete foundation on Newkirk avenue, from Coney Island avenue to 1st 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Beverly Road, from East 2d Street to Gravesend Avenue, Borough of Brooklyn. (Cal. No. 63).

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 amend resolution of March 14, 1912, initiating proceedings to pave Beverly road with asphalt on concrete foundation, from East 2d street to Gravesend avenue, 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 Flatbush District, hereby amends resolution of March 14, 1912, initiating proceedings to pave Beverly road with asphalt on concrete foundation, from East 2d street to Gravesend avenue, by providing for a preliminary asphalt pavement on a 4-inch concrete foundation, so as to make the amended resolution read as follows: "To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Beverly road, from East 2d street to Gravesend avenue;" 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 Flatbush District this 14th day of November, 1912, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on February 4, 1913.

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

Report No. 12173. February 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 November 14, 1912, initiating proceedings for paving with asphalt (preliminary pavement) Beverly road from East 2d street to Gravesend avenue.

This resolution affects one short block of Beverly road, title to which has been legally acquired. The roadway is approximately graded and the abutting property is partially improved. The sewer is provided for, but neither the gas main nor the water main has been completed.

The Borough President was recently authorized to carry out the necessary grading improvement and the work of construction has now been placed under contract.

With the papers is submited information showing that Beverly Road falls within the territory served by the Flatbush WaterWorks Company, and that it is this company's invariable practice to install its mains where lacking, prior to the construction of a paving improvement. The improvement is specally requested by the Commssioner of Public Works, and I can see no reason to defer its consideration by the Board.

The work is estimated to cost about $2,300, and the assessed valuation of the land to be benefited is $45,360.

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, and with the further understanding that the work will not be begun until the water main has been completed. 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 14th day of November, 1912, and approved by the President of the Borough of Brooklyn on the 4th day of February, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby amends resolution of March 14, 1912, initiating proceedings to pave Beverly road with asphalt on concrete foundation, from East 2d street to Gravesend avenue, by providing for a preliminary asphalt pavement on a 4-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Beverly road, from East 2d street to Gravesend 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 an 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Chester Avenue, from Louisa Street to Fort Hamilton Parkway, Borough of Brooklyn (Cal. No. 64).

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 amend resolution of March 14, 1912, initiating proceedings to pave Chester avenue with asphalt on concrete foundation, from Louisa street to Fort Hamilton parkway, 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 Flatbush District hereby amends resolution of March 14, 1912, initiating proceedings to pave Chester avenue with asphalt on concrete foundation, from Louisa street to Fort Hamilton parkway, by providing for a preliminary asphalt pavement on a 4-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Chester avenue, from Louisa street to Fort Hamilton parkway;" 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 Flatbush District this 14th day of November, 1912, Commissioner Pounds and Aldermen Bosse and Morrison voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on February 4, 1913.

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

Report No. 11899. February 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 November 14, 1912, initiating proceedings for paving with asphalt (preliminary pavement) Chester avenue, from Louisa street to Fort Hamilton Parkway.

This resolution affects five short blocks of Chester avenue, title to which has been legally acquired. The street is graded, curbed and flagged, but the abutting property is almost entirely unimproved. With the exception of the sewer, none of the subsurface structures has been provided for.

With the papers is submitted information showing that Chester avenue falls within the territory served by the Flatbush Waterworks Company, and that it is this company's invariable practice to install its mains where lacking, prior to the construction of a paving improvement. The matter is specially requested by the Commissioner of Public Works, and I can see no reason to defer its consideration by the Board.

The work is estimated to cost about $10,900, and the assessed valuation of the land to be benefited is $222,500.

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, with the understanding that the construction will then be authorized if the gas main has been provided for, and with the further understanding that the work will not be begun before the water main has been installed. 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 14th day of November, 1912, and approved by the President of the Borough of Brooklyn on the 4th day of February, 1913, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District hereby amends resolution of March 14, 1912, initiating proceedings to pave Chester avenue with asphalt on concrete foundation, from Louisa street to Fort Hamilton Parkway, by providing for a preliminary asphalt pavement on a 4-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Chester avenue, from Louisa street to Fort Hamilton parkway;"

—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 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).

Reconstructing Sewers in East 134th Street, from Brook Avenue to St. Anns Avenue; in East 135th Street, from Willow Avenue to Walnut Avenue, and from Brook Avenue to St. Anns Avenue; and in East 136th Street, from Brook avenue to St. Anns Avenue, Borough of The Bronx (Cal. No. 65).

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

In Local Board of Morrisania, 22d 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 Morrisania, 22d District, Borough of The Bronx, pursuant to Titles 2 and 3 of Chapter X 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 rebuilding sewers and appurtenances in East 134th street, between Brook avenue and St. Anns avenue; and in East 135th street, between Willow avenue and Walnut avenue; and between Brook avenue and St. Anns avenue; and in East 136th street, between Brook avenue and St. Anns 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 Morrisania, 22d District, on the 12th day of July, 1912, Alderman Devine and the Acting President of the Borough of The Bronx voting in favor thereof. Negative—none.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 25th day of September, 1912.

THOMAS W. WHITTLE, Acting President of the Borough of The Bronx.

Report No. 11775. November 16, 1912.

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 Morrisania District, Borough of The Bronx, adopted on July 12, 1912, initiating proceedings for reconstructing sewers in the following streets:

East 134th street, from Brook avenue to St. Anns avenue; East 135th street, from Willow avenue to Walnut avenue, and from Brook avenue to St. Anns avenue; East 136th street, from Brook avenue to St. Anns avenue.

Title to these streets has been legally acquired, and the resolution affects one block, or about 500 feet of East 134th street and of East 136th street, and two blocks, or about 1,300 feet of East 135th street. From Willow avenue to Walnut street the latter street is graded, curbed and flagged, but with this exception the streets are paved. The abutting property is largely improved. These sewers are intended to replace existing structures which are in a condition of disrepair and of inadequate size.

The work is estimated to cost about $36,400, and the assessed valuation of the property to be benefited is $4,232,200.

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,

NELSON P. LEWIS, Chief Engineer.

Mr. Henry Bloch appeared in opposition to the proposed improvement.

On motion of the President of the Borough of The Bronx the matter was laid over one week (March 13, 1913).

Regulating and Grading Liebig Avenue from Mosholu Avenue to the Southerly Line of the Foster Property near West 260th Street, Borough of The Bronx (Cal. No. 66).

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 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 X 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 a space four feet wide, laying crosswalks, building approaches and erecting fences where necessary in Liebig avenue, from Mosholu avenue to the southerly line of the

Foster property near 260th street, 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 15th day of April, 1912, Aldermen Hamilton, Wilmot, Weil, and the President of the Borough of The Bronx voting in favor thereof. Negative—None.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 22d day of November, 1912.

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

Report No. 11924. January 3, 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 15, 1912, initiating proceedings for grading, curbing and flagging Liebig avenue, from Mosholu avenue to the southerly line of the Foster property near West 260th street.

An opening proceeding relating to this street, from Mosholu avenue to the city line, together with Tyndall avenue, from Mosholu avenue to West 260th street, was instituted by the Board of Estimate and Apportionment on April 8, 1910, and was amended on November 18 of the same year to include an additional length of about 81 feet of Tyndall avenue adjoining West 260th street on the north. The proceeding was further amended on January 11, 1912, to conform with a change in the street lines. The oaths of the Commissioners of Estimate and Assessment were filed on July 17, 1912, and title to the land can be vested in the City at any time after January 17 next.

The resolution now presented affects a little more than two blocks or about 1,400 feet of Liebig avenue. With the exception of a length of about 200 feet at each end of the proposed improvement the street is in use and the abutting property is partially improved.

The work is estimated to cost about $30,000, and the assessed valuation of the property to be benefited is $112,000.

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,

NELSON P. LEWIS, 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 15th day of April, 1912, and approved by the President of the Borough of The Bronx on the 22d day of November, 1912, 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 a space four feet wide, laying crosswalks, building approaches and erecting fences where necessary in Liebig avenue, from Mosholu avenue to the southerly line of the Foster property near 260th street, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Gray Street, from Tremont Avenue to Unionport Road, Borough of The Bronx (Cal. No. 67).

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 curb stones, flagging the sidewalks a space four feet wide, laying crosswalks, building approaches and erecting fences where necessary in Gray street, from Tremont avenue to Unionport road, 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 8th day of May, 1912, Alderman O'Neil and the President of the Borough of The Bronx voting in favor thereof. Negative, none.

Attest: GEO. DONNELLY. Secretary.

Approved and certified this 15th day of May, 1912.

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

Report No. 12060. January 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 Chester District, Borough of The Bronx, adopted on May 8, 1912, initiating proceedings for grading, curbing and flagging Gray street, from Tremont avenue to Unionport road.

An opening proceeding relating to this street, from Wood avenue to the public place at the junction of Tremont avenue, together with a number of other streets, was instituted by the Board of Estimate and Apportionment on May 8, 1908, and the oaths of the Commissioners of Estimate and Assessment were filed on March 31 of the following year. This proceeding was amended to conform with certain map changes on June 29, 1911, and again on April 18, 1912, to include the section of Gray street, between Wood avenue and Unionport road, and also in other particulars. The later amendment was confirmed by the Supreme Court on November 21, 1912, and title to the land can be vested in the City at any time after May 21 next.

The resolution now presented affects four blocks or about one-half mile of Gray street. The street is in use only in the block between Wood avenue and McGraw avenue, where a few buildings have been erected upon the abutting property.

The work is estimated to cost about $20,000, and the assessed valuation of the property to be benefited is $57,600.

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,

NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The President of the Borough of The Bronx has transmitted to the Board of Fstimate and Apportionment a copy of a resolution of the Local Board of the Chester District, duly adopted by said Board on the 8th day of May, 1912, and approved by the President of the Borough of The Bronx on the 15th day of May, 1912, 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 a space four feet wide, laying crosswalks, buiiding approaches and erecting fences where necessary in Gray street, from Tremont avenue to Unionport road, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Pugsley Avenue, from McGraw Avenue to Tremont Avenue, Borough of The Bronx (Cal. No. 68).

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 curb stones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary, in Pugsley avenue, from McGraw avenue to Tremont avenue, and 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 13th day of January, 1913, Aldermen O'Neil and Mulligan and the President of the Borough of The Bronx voting in favor thereof. Negative, none.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 17th day of January, 1913.

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

Report No. 12107. February 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 Chester District, Borough of The Bronx, adopted on January 13, 1913, initiating proceedings for grading, curbing and flagging Pugsley avenue, from McGraw avenue to Tremont avenue.

An opening proceeding relating to this street from McGraw avenue to Clasons Point road was instituted by the Board of Estimate and Apportionment on June 26, 1908, and amended on May 6, 1910, to include small adjoining sections of a number of other streets. The oaths of the Commissioners of Estimate and Assessment were filed on April 28, 1911, and title to the land where necessary can be vested in the City at any time.

The resolution now presented affects four blocks or about 1,000 feet of Pugsley avenue. The roadway is approximately graded and the abutting property is partially improved.

The work is estimated to cost about $8,100, and the assessed valuation of the property to be benefited is $436,650.

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, NELSON P. LEWIS, 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 13th day of January, 1913, and approved by the President of the Borough of The Bronx on the 17th day of January, 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 Pugsley avenue, from McGraw avenue to Tremont avenue, and 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 accept-

ance; 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Randolph Avenue, from St. Lawrence Avenue to Beach Avenue, Borough of The Bronx (Cal. No. 69).

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 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 curb stones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary in Randolph avenue, from St. Lawrence avenue to Beach avenue, and 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 2d day of December, 1912, Aldermen O'Neil and Mulligan and the Acting President of the Borough of The Bronx voting in favor thereof. Negative, none.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 7th dav of December, 1912.

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

Report No. 12103. February 3, 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 December 2, 1912, initiating proceedings for grading, curbing and flagging Randolph avenue, from St. Lawrence avenue to Beach avenue.

This resolution affects one short block of Randolph avenue, title to which has been acquired by deed of cession. The street is not in use, but the entire frontage on the southerly side is occupied by a public school building.

The work is estimated to cost about $2,000, and the assessed valuation of the property to be benefited is $130,000.

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,

NELSON P. LEWIS, 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 2d day of December, 1912, and approved by the President of the Borough of The Bronx on the 7th day of December, 1912, 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 Randolph avenue, from St. Lawrence avenue to Beach avenue, and 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 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 Potter Avenue, from Lawrence Street to 2d Avenue, Borough of Queens. (Cal. No. 70).

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 Potter avenue from Lawrence street to Second 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 20th day of September, 1912, Aldermen O'Connor, Dujat and Gelbke and Denis O'Leary, Commissioner of Public Works, voting in favor thereof.

Attest: JOSEPH FLANAGAN, Secretary.

Approved October 2, 1912.

DENIS O'LEARY, Acting President of the Borough of Queens.

Report No. 11721. November 1, 1912.

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 20, 1912, initiating proceedings for constructing a sewer in Potter avenue from Lawrence street to 2d avenue.

This resolution affects one short block of Potter avenue, title to which has been acquired by deed of cession. The street is graded, curbed and flagged, and the abutting property is partially improved. The outlet sewer is built.

The work is estimated to cost about $600, and the assessed valuation of the property to be benefited is $35,500.

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,

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 20th day of September, 1912, and approved by the President of the Borough of Queens on the 2d day of October, 1912, as follows, to wit:

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

"For the construction of a sewer and appurtenances in Potter avenue from Lawrence street to 2d 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Radde Street, from Webster Avenue to the Crown, 250 Feet North of Pierce Avenue, Borough of Queens (Cal. No. 71).

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 Radde street, from Webster avenue to the crown, 250 feet north of Pierce 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 12th day of July, 1912, Aldermen O'Connor, Gelbke and Dujat, and Denis O'Leary, Commissioner of Public Works, voting in favor thereof.

Attest: JOSEPH FLANAGAN, Secretary.

Approved July 24, 1912.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 11743. November 12, 1912.

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 July 12, 1912, initiating proceedings for constructing a sewer in Radde street from Webster avenue to the crown 250 feet north of Pierce avenue.

This resolution affects two and one-half blocks or about 1,500 feet of Radde street, title to which has been legally acquired. The street is graded, curbed and flagged, and a few buildings have been erected upon the abutting property in the southerly block. The outlet sewer is built.

The work is estimated to cost about $2,900, and the assessed valuation of the property to be benefited is $142,337.

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 12th day of July, 1912, and approved by the President of the Borough of Queens on the 24th day of July, 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 Radde street, from Webster avenue to the crown 250 feet north of Pierce 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 Presi-

dent 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Skillman Place, from Hunter Avenue to Jackson Avenue, Borough of Queens (Cal. No. 72).

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.

Resolved, That the resolution adopted by the Local Board of the Newtown District, June 16, 1911, initiating proceedings for the construction of a sewer and appurtenances in Jackson avenue, from South Washington place to Skillman place, and in Skillman place, from Jackson avenue to Hunter avenue, First Ward, of the Borough of Queens, be and the same is hereby amended to read as follows:

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: To construct a sewer and appurtenances in Skillman place, from Hunter avenue to Jackson 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. 12121. February 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 September 15, 1911, initiating proceedings for constructing a sewer in Skillman place from Hunter avenue to Jackson avenue.

An opening proceeding relating to this street between the limits named was instituted by the Board of Estimate and Apportionment on March 26, 1909, and the Commissioners of Estimate and Assessment filed their oaths on August 2 of the following year. On May 2, 1912, the proceeding was amended to conform with a change made in the street lines, and the court order confirming this amendment was filed on December 6, 1912. Title to the land can therefore be vested in the City at any time.

The resolution now presented affects one short block, comprising the entire length of Skillman place. The roadway is approximately graded and the abutting property is partially improved. The outlet sewer is built.

The work is estimated to cost about $300, and the assessed valuation of the property to be benefited is $76,500.

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, 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 construct a sewer and appurtenances in Skillman place, from Hunter avenue to Jackson 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Murray Street from Franconia Avenue to Bayreuth Street; in California Avenue from Murray Street to the Crown 385 *Feet East of Ziegler Avenue; in Delaware Street from Murray Street to Ziegler Avenue; and in Erie Street from Murray Street to Ziegler Avenue, Borough of Queens* (Cal. No. 73).

The Secretary presented the following resolution of the Local Board of the Jamaica District, Borough of Queens, and report of the Chief Engineer.

In the Local Board of the Jamaica 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 Jamaica 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 Murray street from Franconia avenue to Bayreuth street; California avenue from Murray street to the Crown 385 feet east of Zeigler avenue; Delaware street from Murray street to Zeigler avenue; and in Erie street from Murray street to Zeigler avenue, 3d 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 Jamaica District on the 27th day of September, 1912, Aldermen Post, Shipley and Denis O'Leary, Commissioner of Public Works, voting in favor thereof.

Attest: JOSEPH FLANAGAN, Secretary.

Approved October 16, 1912.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 11810. December 4, 1912.

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 Jamaica District, Borough of Queens, adopted on September 27, 1912, initiating proceedings for constructing sewers in the following streets:

Murray street, from Franconia avenue to Bayreuth street.

California avenue, from Murray street to the crown 385 feet east of Ziegler avenue.

Delaware street, from Murray street to Ziegler avenue.

Erie street, from Murray street to Ziegler avenue.

Title to each of these streets has been acquired by deed of cession, and the resolution relates to lengths varying from 400 feet of California avenue to 1,000 feet of Murray street, aggregating about 2,800 feet. The streets are in use and the abutting property in each case is partially improved.

Favorable reports have been prepared upon the continuing outlet sewers needed in Ziegler avenue and in Franconia avenue.

The work is estimated to cost about $7,300, and the assessed valuation of the property to be benefited is $298,475.

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 outlet sewers are provided for.

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 Jamaica District, duly adopted by said Board on the 27th day of September, 1912, and approved by the President of the Borough of Queens on the 16th day of October, 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 Murray street from Franconia avenue to Bayreuth street; California avenue from Murray street to the Crown 385 feet east of Zeigler avenue; Delaware street from Murray street to Zeigler avenue; and in Erie street from Murray street to Zeigler avenue, 3d 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 ditrict of assessment; the entire expene 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Van Deventer Avenue, from 2d Avenue to 6th Avenue, Borough of Queens (Cal. No. 74).

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 and laying sidewalks, crosswalks and all work incidental thereto, in Van Deventer avenue, from 2d avenue to 6th avenue, 1st Ward of the Borouh 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 18th day of October, 1912, Aldermen George M. O'Connor, Alderman Otto Gelbke, and Harry Sutphin, Assistant Commissioner of Public Works, voting in favor thereof.

Attest: JOSEPH FLANAGAN, Secretary.

Approved November 6, 1912.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12046. January 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 Newtown District, Borough of Queens, adopted on October 18, 1912, initiating proceedings for grading, curbing and flagging Van Deventer avenue, from 2d avenue to 6th avenue.

This resolution affects four blocks, or about 1,000 feet of Van Deventer avenue, title to which has been legally acquired. The street is not in use and the abutting property is almost entirely unimproved.

The work is estimated to cost about $7,400, and the assessed valuation of the property to be benefited is $180,000.

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,

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 18th day of October, 1912, and approved by the President of the Borough of Queens on the 6th day of November, 1912, 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, crosswalks and all work incidental thereto, in Van Deventer avenue, from 2d avenue to 6th 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Webster Avenue, from Vernon Avenue to Jackson Avenue, Borough of Queens (Cal. No. 75).

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.

Resolved, That the resolution adopted by the Local Board of the Newtown District May 10, 1912, initiating proceedings for paving with asphalt block on a concrete foundation, together with all work incidental thereto, Webster avenue, from Vernon avenue to Jackson avenue, 1st Ward of the Borough of Queens, be and the same is hereby amended to read as follows:

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 paving with a permanent pavement consisting of asphalt block on a concrete foundation, six (6) inches in thickness, together with all work incidental thereto, Webster avenue, from Vernon avenue to Jackson 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 12th day of July, 1912, Aldermen O'Connor, Dujat and Gelbke, and Denis O'Leary, Commissioner of Public Works, voting in favor thereof.

Attest: JOSEPH FLANAGAN, Secretary.

Approved September 16, 1912.

MAURICE E. CONNOLLY, President of the Borough of Queens.

Report No. 12149. February 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 July 12, 1912, initiating proceedings for paving with asphalt block (permanent pavement) Webster avenue, from Vernon avenue to Jackson avenue.

This resolution affects twenty-three blocks or about 5,800 feet of Webster avenue, 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.

The work is estimated to cost about $79,000, and the assessed valuation of the property to be benefited is $991,055.

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 12th day of July, 1912, and approved by the President of the Borough of Queens on the 16th day of September, 1912, 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 (6) inches in thickness, together with all work incidental thereto, Webster avenue, from Vernon avenue to Jackson 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 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.)

Temporary Sanitary Sewer in Prospect Street, from Bay Street to Van Duzer Street, Borough of Richmond (Cal. No. 76).

The Secretary presented the following resolution of the Local Board of the Staten Island District, communication from the Acting President, 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 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 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 temporary sanitary sewer, with the necessary appurtenances, in Prospect street from Bay street to Van Duzer street, in the 2d Ward of the 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 25th day of February, 1913, Aldermen Fink, O'Rourke, Cole, President Cromwell being present and voting in favor thereof.

Attest: MAYBURY FLEMING, Secretary.

Approved this 27th day of February, 1913.

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, March 1, 1913.

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

Gentlemen—We transmit herewith for adoption drainage plan, showing location, size and grades of a temporary sanitary sewer in Prospect street, from Bay street to Van Duzer street, in the 2d Ward. Yours respectfully,

LOUIS L. TRIBUS, Acting President of the Borough.

Report No. 12191. March 3, 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 February 25, 1913, initiating proceedings for constructing a temporary sanitary sewer in Prospect street from Bay street to Van Duzer street.

Title to this street has not been acquired under formal opening proceedings, but with the papers are presented affadavits from residents of the vicinity certifying that it has been in use for more than twenty years and during this period has been maintained by the public authorities.

The resolution affects one block or about 800 feet of Prospect street, which is paved and largely built upon. The street has been selected as one of those to be resurfaced from the Repaving Bond Account, and before carrying out this work it is desired to replace a small existing drain which is in a condition of disrepair. The outlet sewer is provided for.

The work is estimated to cost about $1,800, and the assessed valuation of the property to be benefited is $143,000.

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.

I would also recommend the approval of the plan herewith presented showing the sewer which it is desired to build.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the drainage plan, showing location, size and grades of a temporary sanitary sewer in Prospect street, from Bay street to Van Duzer street, in the 2d Ward of the Borough of Richmond, bearing the signature of the President of the Borough and dated February 26, 1913.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 25th day of February, 1913, and approved by the President of the Borough of Richmond on the 27th day of February, 1913, as follows, to wit:

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

"To construct a temporary sanitary sewer, with the necessary appurtenances, in Prospect street, from Bay street to Van Duzer street, in the 2d Ward of the 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 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Temporary Combined Sewers in Charles Street, from St. Marys Avenue to Chestnut Avenue; in Smith Street, from St. Marys Avenue to Wall Street; in Oak Street, from St. Marys Avenue to Wall Street; in Wall Street, from Reynolds Street to Charles Street; and in Reynolds Street, from Wall Street to a Point About 400 Feet South of St. Marys Avenue, Borough of Richmond (Cal. No. 77).

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 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 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 temporary combined sewers, with the necessary appurtenances, in Charles street, from St. Marys avenue to Chestnut avenue; in Smith street, from St. Marys avenue to Wall street; in Oak street, from St. Marys avenue to Wall street; in Wall street, between Reynolds street and Charles street, and in Reynolds street, from Wall street to a point about 400 feet south of St. Marys avenue, in the 4th 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 14th day of November, 1911, Alderman Fink, Alderman Cornell, Alderman Cole, President Cromwell being present and voting in favor thereof.

Attest: MAYBURY FLEMING, Secretary.

Approved this 16th day of November, 1911.

GEORGE CROMWELL, President of the Borough of Richmond.

Report No. 12104. February 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 Staten Island District, Borough of Richmond, adopted on November 14, 1911, initiating proceedings for constructing temporary combined sewers in the following streets:

Charles street, from St. Marys avenue to Chestnut avenue; Smith street, from St. Marys avenue to Wall street; Oak street, from St. Marys avenue to Wall street; Wall street, from Reynolds street to Charles street; Reynolds street, from Wall street to a point about 400 feet south of St. Marys avenue.

Title to these streets has not been acquired under formal opening proceedings, but with the papers are submitted affidavits from residents of the vicinity certifying that each has been in use for more than twenty years and during this period has been maintained by the public authorities.

The streets have not been incorporated upon the City plan and are entirely inconsistent with the tentative map which has been adopted for the vicinity. The Board, however, on February 6 last approved a plan for the drainage of the streets, and in in view of this action, there seems to be no reason to withhold the authorization of the improvement now desired.

The resolution affects lengths varying from about 300 feet of Oak street to about 800 feet of Reynolds street, aggregating a little more than one-half mile. A narrow macadamized roadway is in use within the lines of each of the streets, and the abutting property is partially improved. The outlet sewer is built.

The work is estimated to cost about $6,900, and the assessed valuation of the property to be benefited is $46,000.

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,

NELSON P. LEWIS, Chief Engineer.

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 14th day of November, 1911, and approved by the President of the Borough of Richmond on the 16th day of November, 1911, as follows, to wit:

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

"To construct temporary combined sewers, with the necessary appurtenances, in Charles street, from St. Marys avenue to Chestnut avenue; in Smith street, from St. Marys avenue to Wall street; in Oak street, from St. Marys avenue to Wall street; in Wall street, between Reynolds street and Charles street, and in Reynolds street, from Wall street to a point about 400 feet south of St. Marys avenue, in the 4th 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 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 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.)

Regulating and Grading East 3d Street, from Fort Hamilton Avenue to Beverly Road, Brooklyn (Cal. No. 78).

The Secretary presented the following report of the Chief Engineer:

Report No. 12184. March 3, 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 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 grading, curbing and flagging East 3rd street from Fort Hamilton avenue to Beverly road.

A report recommending the preliminary authorization of this improvement has already been prepared and is now before the Board for 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.

The Borough President states that there have been no charges made against the Street Improvement Fund, and that it is proposed to allow the contractor 35 days in which to carry out the improvement.

The work to be done comprises the following: 600 cubic yards excavation, 3,680 linear feet cement curbing, 11,450 square feet cement sidewalk.

The cost of the improvement is estimated to be $4,000.

Respectfully, NELSON P. LEWIS, Chief Engineer.

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 February, 1913, 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 cement curb and lay cement sidewalks on East 3d street, from Fort Hamilton avenue to Beverly road";

—and thereupon, on the 6th day of March, 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 $4,000, 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 $161,450, 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 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. No. 79 to Cal. No. 107:

Report No. 12175. March 3, 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 Douglass street, from Dumont avenue to Riverdale avenue.

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 $3,700. The Borough President states that the time to be allowed for the completion of the improvement is sixty days, and that the expense incurred for the preliminary work amounts to $55.13.

The work to be done comprises the following: Five hundred and forty cubic yards excavation; 3,430 cubic yards filling, 2,050 linear feet cement curbing, 10,500 square feet cement sidewalk.

The cost of the improvement is now estimated to be $5,100.

2. Grading, curbing and flagging Barrett street, from East New York avenue to Dumont avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on September 19, 1912, at which time information was presented to show that its probable cost would be about $10,900. The Borough President states that the time to be allowed for the completion of the improvement is fifty days, and that the expense incurred for the preliminary work amounts to $101.99.

The work to be done comprises the following: 3,750 cubic yards excavation, 3,950 linear feet cement curbing, 19,170 square feet cement sidewalk.

The cost of the improvement is now estimated to be $7,100.

3. Grading, curbing and flagging Thatford avenue, from Riverdale avenue to New Lots road.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on October 17, 1912, 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 110 days, and that the expense incurred for the preliminary work amounts to $131.14.

The work to be done comprises the following: 11,940 cubic yards filling, 3,370 linear feet cement curbing, 16,430 square feet cement sidewalk.

The cost of the improvement is now estimated to be $13,000.

4. Grading, curbing and flagging East New York avenue, from Utica avenue to Pitkin avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on December 12, 1912, at which time information was presented to show that its probable cost would be about $27,100. The Borough President states that the time to be allowed for the completion of the improvement is 150 days, and that the expense incurred for the preliminary work amounts to $378.63.

The work to be done comprises the following: 6,410 cubic yards excavation, 16,490 cubic yards filling, 6,300 linear feet curbing, 29,060 square feet cement sidewalk.

The cost of the improvement is now estimated to be $20,700.

5. Grading, curbing, flagging and paving with asphalt (preliminary pavement) 71st street, from 10th avenue to 11th avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 1913, at which time information was presented to show that its probable cost would be about $4,800. The Borough President states that the time to be allowed for the completion of the improvement is thirty days, and that the expense incurred for the preliminary work amounts to $43.32.

The work to be done comprises the following: 1,480 cubic yards excavation, 1,460 linear feet cement curbing, 3,550 square feet cement sidewalk, 2,440 square yards asphalt pavement.

The cost of the improvement is now estimated to be $7,100.

6. Sewer in 36th street, from 14th avenue to West street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 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 thirty days, and that the expense incurred for the preliminary work amounts to $45.58.

The work to be done comprises the following: 822 linear feet 12-inch pipe sewer, 7 manholes, 2 receiving basins.

The cost of the improvement is now estimated to be $3,100.

7. Sewers in the following streets: Avenue C from Gravesend avenue to West street; West street from Avenue C to Cortelyou road.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 1913, at which time information was presented to show that its probable cost would be about $5,700. The 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 $70.49.

The work to be done comprises the following: 240 linear feet 24-inch pipe sewer, 380 linear feet 18-inch pipe sewer, 267 linear feet 15-inch pipe sewer, 225 linear feet 12-inch pipe sewer, 9 manholes, 3 receiving basins,

The cost of the improvement is now estimated to be $5,200.

8. Paving with asphalt (preliminary pavement) West street from 39th street to 43d street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $14,300. 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 $10.50.

The work to be done comprises the laying of 7,565 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $14,800.

9. Paving with asphalt (preliminary pavement) East 2d street from Cortelyou road to Ditmas avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $5,300. The Borough Presi-

dent 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 $4.34.

The work to be done comprises the laying of 2,720 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $5,500.

10. Paving with asphalt (preliminary pavement) Dupont street from Oakland street to Provost street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $3,900. 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 $4.94.

The work to be done comprises the laying of 2,040 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $4,200.

11. Paving with asphalt (permanent pavement) Forrest street from Central avenue to Flushing avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $3,200. 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 $5.68.

The work to be done comprises the laying of 1,585 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $3,800.

12. Paving with granite block (permanent pavement) White street from Cook street to Moore street, and from Siegel street to Johnson avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $14,500. 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 $9.60.

The work to be done comprises the laying of 3,665 square yards of granite block pavement.

The cost of the improvement is now estimated to be $15,000.

13. Paving with asphalt (permanent pavement) Williams avenue from Belmont avenue to Sutter avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 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 $4.79.

The work to be done comprises the laying of 1,395 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $3,300.

14. Paving with asphalt (preliminary pavement) 45th street from New Utrecht avenue to 12th avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $4,800. 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 $5.55.

The work to be done comprises the laying of 2,600 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $5,300.

15. Grading 12th avenue from 86th street to Dyker Beach Park.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 25, 1912, at which time information was presented to show that its probable cost would be about $14,000. The Borough President states that the time to be allowed for the completion of the improvement is 180 days, and that the expense incurred for the preliminary work amounts to $115.19.

The work to be done comprises the following: 51,880 cubic yards excavation.

The cost of the improvement is now estimated to be $21,100.

16. Sewers in the following street: 12th avenue from 36th street to 38th street, 36th street from 12th avenue to Church avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 1913, at which time information was presented to show that its probable cost would be about $9,600. 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 $94.66.

The work to be done comprises the following: 1,046 linear feet 24-inch pipe sewer, 279 linear feet 18-inch pipe sewer, 49 linear feet 15-inch pipe sewer, 443 linear feet 12-inch pipe sewer, 15 manholes, 7 receiving basins.

The cost of the improvement is now estimated to be $10,400.

17. Sewers in the following streets: Battery avenue from 92d street to Warehouse avenue; Warehouse avenue from Battery avenue to 7th avenue, 7th avenue from Warehouse avenue to 92d street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on October 3, 1912, at which time information was presented to show that its probable cost would be about $41,000. The Borough President states that the time to be allowed for the completion of the improvement is 175 days, and that the expense incurred for the preliminary work amounts to $341.69.

The work to be done comprises the following: 1,914 linear feet 48-inch brick sewer, 686 linear feet 42-inch brick sewer, 570 linear feet 36-inch brick sewer, 232 linear feet 30-inch brick sewer, 274 linear feet 22-inch pipe sewer, 274 linear feet 18-inch pipe sewer, 1,223 linear feet 12-inch pipe sewer, 39 manholes, 18 receiving basins.

The cost of the improvement is now estimated to be $46,000.

18. Sewer in Avenue D from East 34th street to Brooklyn avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 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 $39.70.

The work to be done comprises the following: 430 linear feet 12-inch pipe sewer, 4 manholes.

The cost of the improvement is now estimated to be $1,500.

19. Grading, curbing and flagging 80th street from 13th avenue to 14th avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 6, 1913, at which time information was presented to show that its probable cost would be about $3,900. 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 $47.77.

The work to be done comprises the following: 1,000 cubic yards excavation, 4,240 cubic yards filling, 1,430 linear feet cement curbing, 7,260 square feet cement sidewalk.

The cost of the improvement is now estimated to be $5,000.

20. Grading, curbing and flagging 82d street from 13th avenue to 14th avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 6, 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 70 days, and that the expense incurred for the preliminary work amounts to $31.86.

The work to be done comprises the following: 6,035 cubic yards filling, 1,440 linear feet cement curbing, 7,260 square feet cement sidewalk.

The cost of the improvement is now estimated to be $5,700.

21. Grading, curbing and flagging West 30th street from Neptune avenue to a point 360 feet south of Surf avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment under a resolution adopted on September 19, 1912, and amended on February 20, 1913, at which time information was presented to show that its probable cost would be about $13,600. 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 $153.20.

The work to be done comprises the following: 1,510 cubic yards excavation, 5,280 cubic yards filling, 4,050 linear feet curbing, 18,500 square feet cement sidewalk, 130 linear feet timber bulkhead. The cost of the improvement is now estimated to be $16,000.

22. Paving with asphalt (permanent pavement) Coney Island avenue from Avenue N to Kings Highway.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $32,500. 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 $18.23.

The work to be done comprises the laying of 15,285 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $35,000.

23. Paving with asphalt (preliminary pavement) Sunnyside avenue from Miller avenue to Barbey street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $7,100. 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 $9.19.

The work to be done comprises the laying of 3,790 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $7,600.

24. Paving with asphalt (permanent pavement) Avenue C from East 3d street to Gravesend avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 20, 1913, at which time information was presented to show that its probable cost would be about $4,900. 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 $4.81.

The work to be done comprises the laying of 2,210 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $5,200.

25. Sewers in the following streets: Gravesend avenue, easterly side, from Vanderbilt street to Fort Hamilton avenue; Fort Hamilton avenue, southerly side, from Gravesend avenue to West street; West street, from Fort Hamilton avenue to Church avenue.

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 $29,500. 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 $173.79.

The work to be done comprises the following: 957 linear feet 42-inch brick sewer; 822 linear feet 36-inch brick sewer; 358 linear feet 30-inch brick sewer; 1,492 linear feet 24-inch pipe sewer; 24 manholes; 15 receiving basins.

The cost of the improvement is now estimated to be $24,500.

26. Grading, curbing and flagging East 2d street from Fort Hamilton avenue to Beverly road.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 1913, at which time information was presented to show that its probable cost would be about $3,800. 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 $95.57.

The work to be done comprises the following: 1,080 cubic yards excavation; 2,610 linear feet cement curbing; 10,840 square feet cement sidewalk.

The cost of the improvement is now estimated to be $3,600.

27. Grading, curbing and flagging Junius street, from Blake avenue to Livonia avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 1913, at which time information was presented to show that its probable cost would be about $4,200. The Borough President states that the time to be allowed for the completion of the improvement is fifty days, and that the expense incurred for the preliminary work amounts to $61.64.

The work to be done comprises the following: 3,680 cubic yards excavation, 2,230 linear feet cement curbing, 10,590 square feet cement sidewalk.

The cost of the improvement is now estimated to be $4,800.

28. Grading, curbing and flagging Montauk avenue, from Atlantic avenue to Liberty avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 6, 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 thirty days, and that the expense incurred for the preliminary work amounts to $47.10.

The work to be done comprises the following: 1,380 cubic yards excavation, 1,720 linear feet cement curbing, 8,510 square feet cement sidewalk.

The cost of the improvement is now estimated to be $3,000.

29. Sewers in the following streets: Livonia avenue, from Ames street to Douglass street; Douglass street, from Dumont avenue to East 98th street.

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 $18,700. The Borough President states that the time to be allowed for the completion of the improvement is seventy-five days, and that the expense incurred for the preliminary work amounts to $140.21.

The work to be done comprises the following: 884 linear feet 30-inch brick sewer, 589 linear feet 22-inch pipe sewer, 571 linear feet 18-inch pipe sewer, 736 linear feet 12-inch pipe sewer, 22 manholes, 9 receiving basins.

The cost of the improvement is now estimated to be $14,100.

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 April 1, 1913, to the following streets: Douglass street, from Dumont avenue to East 98th street; Barrett street, from Sutter avenue to Blake avenue; Thatford avenue, from Riverdale avenue to Newport avenue, unless previously confirmed; East New York avenue, from Utica avenue to Pitkin avenue; 71st street, from 10th avenue to 11th avenue; West street, from Fort Hamilton avenue to the southerly line of Church avenue, from Avenue C to Cortelyou road, and from 39th street to 43d street, excluding railroad lands; West 30th street, from Surf avenue to Mean High Water Line of the Atlantic Ocean; East 2d street, from Fort Hamilton avenue to Albemarle road; Montauk avenue, from Atlantic avenue to Liberty avenue. Respectfully,

NELSON P. LEWIS, Chief Engineer.

Regulating and Grading Douglass Street, from Dumont Avenue to Riverdale Avenue, Brooklyn.

Vesting Title to Douglass Street, from Dumont Avenue to East 98th Street, Brooklyn (Cal. No. 79).

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 Saratoga avenue from Pitkin avenue to East 98th street; Douglass street, from Sutter avenue to East 98th street; Ames street from Sutter avenue to East 98th street; Amboy street from Blake avenue to East 98th street; Hopkinson avenue from Blake avenue to East 98th street; Bristol street from a point about 125 feet south of Blake avenue to Dumont avenue; Bristol street from a point about 260 feet north of Newport avenue to East 98th street, and Chester street from Riverdale avenue to East 98th street, Borough of Brooklyn, City of New York, which proceeding was amended February 23, 1911, by excluding a portion of Saratoga avenue, and further amended on June 29, 1911, by including an additional block of Amboy street; and,

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets and the oaths of said Commissioners of Estimate were duly filed as required by law on the 7th day of March, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Douglass street from Dumont avenue to

East 98th 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 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 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 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 New Lots District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Douglass street, from Dumont avenue to Riverdale avenue";

—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 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 $5,100; 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 $41,000 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Barrett Street, from East New York Avenue to Dumont Avenue, Brooklyn.

Vesting Title to Barrett Street, from Sutter Avenue to Blake Avenue, Brooklyn (Cal. No. 80).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 15th day of December, 1910, 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 Barrett street from Sutter avenue to Blake avenue in the Borough of Brooklyn, City of New York, and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said street and the oaths of said Commissioners of Estimate were duly filed as required by law on the 25th day of July, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Barrett street, from Sutter avenue to Blake 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 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 New Lots District, duly adopted by said Board on the 28th day of June, 1909, and approved by the President of the Borough of Brooklyn on the 15th day of July, 1909, 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 Barrett street, between East New York and Dumont avenues;"

—and thereupon, on the 19th day of September, 1912, 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 $7,100, 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 $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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Thatford Avenue, from Riverdale Avenue to New Lots Road, Brooklyn.

Vesting Title to Thatford Avenue, from Riverdale Avenue to Newport Avenue, Brooklyn (Cal. No. 81).

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 have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 1st day of February, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Thatford avenue, from Riverdale avenue to Newport 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 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 New Lots District, duly adopted by said Board on the 14th day of June, 1909, and approved by the President of the Borough of Brooklyn on the 21st day of June, 1909, 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 Thatford avenue, between Riverdale avenue and New Lots road";

—and thereupon, on the 17th day of October, 1912, 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 $13,000, and a statement of the asssessed value according to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $96,000, 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 expenses, 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 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 New York Avenue, from Utica Avenue to Pitkin Avenue, Brooklyn.

Vesting Title to East New York Avenue, from Utica Avenue to Pitkin Avenue, Brooklyn (Cal. No. 82).

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 East New York avenue from Canarsie avenue to Pitkin avenue; Lefferts avenue from the westerly line of Utica avenue to East New York avenue; and Utica avenue from Lefferts avenue to East New York avenue, in the Borough of Brooklyn, City of New York, which proceeding was amended on June 27, 1912, by including therein Lincoln road from Nostrand avenue to Canarsie avenue.

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets and the oaths of said Commissioners of Estimate were duly filed as required by law on the 9th day of August, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said East New York avenue from Utica avenue to Pitkin 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 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 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 5th 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 New Lots District hereby initiates proceedings to regulate, grade, set stone curb and lay cement sidewalks on East New York avenue from Utica avenue to Pitkin avenue,"

—and thereupon, on the 12th day of December, 1912, 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 $20,700; 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 $286,700 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 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 71st Street, from Tenth Avenue to Eleventh Avenue, Brooklyn.

Vesting Title to 71st Street, from 10th Avenue to 11th Avenue, Brooklyn (Cal. No. 83).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 8th day of May, 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 71st street from Eighth avenue to Thirteenth avenue; Ovington avenue, from Stewart avenue to Seventh avenue, and 70th street, from Seventh avenue to Eleventh avenue, in the Borough of Brooklyn, City of New York, and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 12th day of April, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said 71st street, from Tenth avenue to Eleventh 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 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 Bay Ridge 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 Bay Ridge District hereby amends resolution of July 12, 1911, initiating proceedings to regulate, grade, set cement curb, lay cement sidewalks and pave with asphalt on concrete foundation 71st street, between Tenth and Eleventh avenues, 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 71st street, between Tenth and Eleventh avenues;"

—and thereupon, on the 23d day of January, 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 $7,100; 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 $145,700 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 theerof 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in 36th Street from 14th Avenue to West Street, Brooklyn (Cal. No. 84).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 7th day of February, 1912, and approved by the President of the Borough of Brooklyn on the 7th 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 Flatbush District, Borough of Brooklyn, after duly advertised hearing had this 7th day of February, 1912, hereby initiates proceedings to construct sewers in 36th street, from 14th avenue to West street;"

—and thereupon, on the 23d day of January, 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 $3,100; 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 $204,000, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Avenue C from Gravesend Avenue to West Street, and West Street, from Avenue C to Cortelyou Road, Brooklyn.

Vesting Title to West Street, from Fort Hamilton Avenue to the Southerly Line of Church Avenue, from Avenue C to Cortelyou Road, and from 39th Street to 43d Street, Excluding Railroad Lands, Brooklyn (Cal. No. 85).

The following was offered:

Whereas, The Board of Estimate and Apportionment, on the 4th day of November, 1910, 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 West street from Fort Hamilton avenue to 43d street, excluding the right of way of the Prospect Park and Coney Island Railroad, and Avenue F from Gravesend avenue to West street, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 9th day of August, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said West street from Fort Hamilton avenue to the southerly line of Church avenue, from Avenue C to Cortelyou road, and from 39th street to 43d street, excluding railroad lands, 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 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 31st day of May, 1911, and approved by the President of the Borough of Brooklyn on the 10th 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 Flatbush District hereby initiates proceedings to construct a sewer in Avenue C, from Gravesend avenue to West street, and outlet sewer in West street, from Avenue C to Cortelyou road;"

—and thereupon, on the 23d day of January, 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 $5,200; 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 $437,716, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving West Street from 39th Street to 43d Street, Brooklyn (Cal. No. 86).

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 lay a preliminary asphalt pavement on a 4-inch concrete foundation on West street, from 39th street to 43d street;"

—and thereupon, on the 20th day of February, 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 $14,800; 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 $122,300, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving East 2d Street, from Cortelyou Road to Ditmas Avenue, Brooklyn (Cal. No. 87).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 9th day of October, 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 amends resolution of December 28, 1910, initiating proceedings to pave East 2d street with asphalt on concrete foundation from Cortelyou road to Ditmas avenue, by providing for a preliminary asphalt pavement on a 4-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on East 2d street from Cortelyou road to Ditmas avenue;"

—and thereupon, on the 20th day of February, 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 $5,500; 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 $75,725, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Dupont Street, from Oakland Street to Provost Street, Brooklyn (Cal. No. 88).

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 May 15, 1907, initiating proceedings to pave Dupont street, between Oakland and Provost streets, with asphalt on concrete foundation, by providing for a preliminary asphalt pavement on a 4-inch concrete foundation, so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Dupont street, from Oakland street to Provost street;"

—and thereupon, on the 20th day of February, 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 $4,200; 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 $44,000, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Forrest Street, from Central Avenue to Flushing Avenue, Brooklyn (Cal. No. 89).

The following was offered:

A copy of a resolution of the Local Boards of the Williamsburg and Bushwick 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 26th day of October, 1912,

having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Boards of the Williamsburg and Bushwick Districts hereby amend resolution of June 28, 1906, initiating proceedings to pave Forrest street with asphalt on concrete base, between Central and Flushing avenues, by providing for a permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a permanent asphalt pavement on Forrest street, between Central and Flushing avenues;"

—and thereupon, on the 20th day of February, 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 $78,400, having also been presented, it is

Resolved, That the said resolution of the Local Boards 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving White Street, from Cook Street to Moore Street, and from Siegel Street to Johnson Avenue, Brooklyn (Cal. No. 90).

The following was offered:

A copy of a resolution of the Local Boards of the Williamsburg and Bushwick 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 Williamsburg and Bushwick Districts hereby amend resolution of March 25, 1909, initiating proceedings to pave White street with granite block on concrete foundation, between Cook and Moore streets and between Siegel street and Johnson avenue, by providing for a permanent granite block pavement, so as to make the amended resolution read as follows:

"To lay a permanent granite block pavement on White street, between Cook and Moore streets and between Siegel street and Johnson avenue;"

—and thereupon, on the 20th day of February, 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 $15,000; and a statement of the assessed value according to the last preceding tax roll of the real estate included within the probaable area of assessment, to wit, the sum of $669,700, having also been presented, it is

Resolved, That the said resolution of the Local Boards 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Williams Avenue, from Belmont Avenue to Sutter Avenue, Brooklyn (Cal. No. 91).

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 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 Board of the New Lots District hereby amends resolution of June 30, 1910, initiating proceedings to pave Williams avenue with asphalt on concrete foundation, between Belmont and Sutter avenues, by providing for a permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a permanent asphalt pavement on Williams avenue, between Belmont and Sutter avenues;"

—and thereupon, on the 20th day of February, 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 $57,900, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving 45th Street, from New Utrecht Avenue to 12th Avenue, Brooklyn (Cal. No. 92).

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 1st 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 Bay Ridge District hereby initiates proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on 45th street, between New Utrecht and 12th avenues;"

—and thereupon, on the 20th day of February, 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 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 $5,300; 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 $127,500, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Grading 12th Avenue, from 86th Street to Dyker Beach Park, Brooklyn (Cal. No. 93).

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 12th day of July, 1911, and approved by the President of the Borough of Brooklyn on the 25th day of August, 1911, 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 and grade 12th avenue, from 86th street to Dyker Beach Park."

—and thereupon, on the 25th day of January, 1912, 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 $21,100; and a statement of the assessed value acording to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $46,400, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in 12th Avenue, from 36th Street to 38th Street; and 36th Street, from 12th Avenue to Church Avenue, Brooklyn (Cal. No. 94).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 13th day of September, 1911, and approved by the President of the Borough of Brooklyn on the 7th 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 Flatbush District, Borough of Brooklyn, after duly advertised hearing had this 13th day of September, 1911, hereby initiates proceedings to construct a sewer in 12th avenue, between 36th street and 38th street, with an outlet sewer in 36th street, between 12th avenue and Church avenue."

—and thereupon, on the 23d day of January, 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 $10,400; 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 $415,540, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Battery Avenue, from 92d Street to Warehouse Avenue; Warehouse Avenue, from Battery Avenue to 7th Avenue; and 7th Avenue, from Warehouse Avenue to 92d Street, Brooklyn (Cal. No. 95).

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 7th day of February, 1912, and approved by the President of the Borough of Brooklyn on the 16th day of February, 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 construct a sewer in Battery avenue, from 92d street to Warehouse avenue; and outlet sewers in Warehouse avenue, from Battery avenue to 7th avenue, and in 7th avenue, from Warehouse avenue to 92d street."

—and thereupon, on the 3d day of October, 1912, 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 $46,000; 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 $460,370, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Avenue D, from East 34th Street to Brooklyn Avenue, Brooklyn (Cal. No. 96).

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, 1907, and approved by the President of the Borough of Brooklyn on the 19th day of July, 1907, 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 sewer in Avenue D, between East 34th street and Brooklyn avenue."

—and thereupon, on the 23d day of January, 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 $1,500; and a statement of the assessed value acording to the last preceding tax roll of the real estate included within the probable area of assessment, to wit, the sum of $68,380, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 80th Street, from 13th Avenue to 14th Avenue, Brooklyn (Cal. No. 97).

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 20th day of May, 1912, and approved by the President of the Borough of Brooklyn on the 29th day of May, 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 80th street, from 13th avenue to 14th avenue."

—and thereupon, on the 6th day of February, 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 $5,000; 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 $45,600, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading 82d Street, from 13th Avenue to 14th Avenue, Brooklyn (Cal. No. 98).

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 20th day of May, 1912, and approved by the President of the Borough of Brooklyn on the 29th day of May, 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 82d street, from 13th avenue to 14th avenue;"

—and thereupon, on the 6th day of February, 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 $5,700; 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 $42,000 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 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 30th Street, from Neptune Avenue to a Point 360 Feet South of Surf Avenue, Brooklyn.

Vesting Title to West 30th Street, from Surf Avenue to the Mean High Water Line of the Atlantic Ocean, Brooklyn (Cal. No. 99).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 20th day of April, 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 West 28th street, from Neptune avenue to Surf avenue; West 29th street, from Neptune avenue to Surf avenue; West 30th street, from Neptune avenue to the mean high water line of the Atlantic Ocean, and West 31st street, from Neptune avenue to Surf avenue, excluding in each case the right of way of the New York and Coney Island Railroad, in the Borough of Brooklyn, City of New York; and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 1st day of February, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said West 30th street, from Surf avenue to the mean high water line of the Atlantic Ocean, 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 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 November, 1912, and approved by the President of the Borough of Brooklyn on the 3d 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 amends resolution of February 20, 1908, initiating proceedings to regulate, grade, set curb on concrete, lay cement sidewalks and construct a timber bulkhead on West 30th street, between Neptune avenue and the Atlantic Ocean, by having the limits of said proceeding read 'between Neptune avenue and a line 360 feet south of Surf avenue,' the amended resolution to read as follows:

"To regulate, grade, set curb on concrete, lay cement sidewalks and construct a timber bulkhead on West 30th street, between Neptune avenue and a line 360 feet south of Surf avenue,"

—and thereupon, on the 20th day of February, 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 $16,000; 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 $264,750 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Coney Island Avenue, from Avenue N to Kings Highway, Brooklyn (Cal. No. 100).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush 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 23d 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 amends resolution of December 15, 1911, initiating proceedings to pave Coney Island avenue with asphalt on concrete foundation, from the southern line of Avenue N to Kings Highway, by providing for a permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a permanent asphalt pavement on Coney Island avenue, from the southern line of Avenue N to Kings Highway;"

—and thereupon, on the 20th day of February, 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 $35,000; 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 $326,000 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Sunnyside Avenue, from Miller Avenue to Barbey Street, Brooklyn (Cal. No. 101).

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 June, 1912, and approved by the President of the Borough of Brooklyn on the 20th 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 July 10, 1911, initiating proceedings to pave Sunnyside avenue with asphalt on concrete foundation, between Miller avenue and Barbey 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 lay a preliminary asphalt pavement on a 4-inch concrete foundation on Sunnyside avenue, between Miller avenue and Barbey street";

—and thereupon, on the 20th day of February, 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 $92,700 having also been presented; it is

DAMAGED PAGE(S)

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

Paving Avenue C, from East 3d Street to Gravesend Avenue, Brooklyn, (Cal. No. 102).

The following was offered:

A copy of a resolution of the Local Board of the Flatbush District, duly adopted by said Board on the 9th day of October, 1912, and approved by the President of the Borough of Brooklyn on the 23d 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 amends resolution of December 4, 1911, initiating proceedings to pave Avenue C with asphalt on concrete foundation, between East 3d street and Gravesend avenue, by providing for a permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a permanent asphalt pavement on Avenue C, between East 3d street and Gravesend avenue";

—and thereupon, on the 20th day of February, 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 $5,200; 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 $139,900 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Gravesend Avenue, Easterly Side, from Vanderbilt Street to Fort Hamilton Avenue; Fort Hamilton Avenue, Southerly Side, from Gravesend Avenue to West Street; and West Street, from Fort Hamilton Avenue to Church Avenue, Brooklyn (Cal. No. 103).

The following was offered:

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 12th 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, Borough of Brooklyn, after duly advertised hearing had this 28th day of December, 1910, hereby initiates proceedings to construct sewer in Gravesend avenue, east side, between Vanderbilt street and Fort Hamilton avenue, and outlet sewers in Fort Hamilton avenue, south side, between Gravesend avenue and West street, and in West street, between Fort Hamilton avenue and Church avenue,"

—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 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 $24,500; 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 $884,243 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 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 2d Street, from Fort Hamilton Avenue to Beverly Road, Brooklyn.

Vesting Title to East 2d Street, from Fort Hamilton Avenue to Albemarle Road, Brooklyn (Cal. No. 104).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 26th 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 Avenue D (Cortelyou road) from Ocean Parkway to West street, excepting the land occupied by the tracks of the Prospect Park and Coney Island Railroad; Albemarle road from West street to East 3d street, and from East 5th street to Ocean Parkway, excepting the property occupied by the tracks of the Prospect Park and Coney Island Railroad; Caton avenue from Gravesend avenue to East 5th street; East 2d street from Greenwood avenue to Ditmas avenue (Avenue E); and East 3d street from Fort Hamilton avenue to Cortelyou road (Avenue D), in the Borough of Brooklyn, City of New York, and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 7th day of March, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said East 2d street, from Fort Hamilton avenue to Albemarle road, 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 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 1st day of July, 1912, having been transmitted to the Board of Estimate and Apportionment, as follows, to wit:

"Resolved, That the Local Board of the Flatbush District [illegible] proceedings to regulate, grade, set cement curb and lay cement [illegible] East 2d street, from Fort Hamilton avenue to Beverly road";

—and thereupon, on the 23d day of January, 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 $152,500 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Junius Street, from Blake Avenue to Livonia Avenue, Brooklyn (Cal. No. 105).

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 25th day of July, 1912, and approved by the President of the Borough of Brooklyn on the 1st 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 New Lots District, Borough of Brooklyn, after duly advertised hearing had this 25th day of July, 1912, hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Junius street, from Blake avenue to Livonia avenue";

—and thereupon, on the 23d day of January, 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 tht sum of $4,800; 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 $118,700 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Montauk Avenue, from Atlantic Avenue to Liberty Avenue, Brooklyn.

Vesting Title to Montauk Avenue, from Atlantic Avenue to Liberty Avenue, Brooklyn (Cal. No. 106).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 21st day of September, 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 Montauk avenue from Atlantic avenue to Pitkin avenue, excepting the land occupied by the tracks of the Long Island Railroad in the Borough of Brooklyn, City of New York, and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said street and the oaths of said Commissioners of Estimate were duly filed as required by law on the 9th day of August, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Montauk avenue from Atlantic avenue to Liberty avenue excepting the land occupied by the tracks of the Long Island Railroad 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 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 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 1st 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 New Lots District hereby initiates proceedings to regulate, grade, set cement curb and lay cement sidewalks on Montauk avenue, from Atlantic avenue to Liberty avenue;"

—and thereupon, on the 6th day of February, 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 $53,800, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

a Avenue, from Ames Street to Douglass Street, and Douglass Dumont Avenue to East 98th Street, Brooklyn (Cal. No. 107).

was offered:

esolution of the Local Board of the New Lots District, duly adopted the 30th day of June, 1910, and approved by the President of the oklyn on the 1st day of July, 1912, having been transmitted to the ate and Apportionment, as follows, to wit:

ved, That the Local Board of the New Lots District, Borough of Brook- duly advertised hearing had this 30th day of June, 1910, hereby initiates eedings to construct a sewer in Livonia avenue, between Ames street and ouglass street; and outlet sewer in Douglass street, between Livonia avenue and East 98th street, and a tributary sewer in Douglass street, between Dumont avenue and Livonia avenue;"

—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 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 $89,621, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Vernon Avenue, from Nostrand Avenue to Tompkins Avenue; Tompkins Avenue, from Vernon Avenue to Greene Avenue; Skillman Street, from Park Avenue to Myrtle Avenue; Myrtle Avenue, from Skillman Street to Nostrand Avenue; Nostrand Avenue, from Myrtle Avenue to Vernon Avenue; Hewes Street, from Classon Avenue to Wallabout Canal; Classon Avenue, from Hewes Street to Park Avenue, and Park Avenue, from Classon Avenue to Skillman Street, Brooklyn (Cal. No. 108).

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

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, February 21, 1913.

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

Dear Sir—Under date of January 9 the Board of Estimate and Apportionment granted preliminary authorization for the Classon avenue relief sewer system and in connection therewith I transmit herewith statements giving the estimated cost of final authorization for certain portions of this relief sewer system, namely:

1. Sewers in Vernon avenue, from Marcy avenue to Tompkins and in Tompkins avenue, from Vernon avenue to Greene avenue;

2. Sewers in Skillman street, from Park avenue to Myrtle, and in Myrtle avenue, from Skillman street to Nostrand avenue, in Nostrand avenue, from Myrtle avenue to Vernon avenue, and in Vernon avenue, from Nostrand to Marcy avenues.

3. Hewes street, from Wallabout canal to Classon avenue, and Classon avenue, from Hewes street to Park avenue, and Park avenue, from Classon avenue to Skillman street.

This is a very important proposition and I would respectfully request, if possible, that you place this on the calendar of the Board of Estimate for final authorization for the meeting to be held on the 27th instant. If this can be done it will aid us materially in getting this proposition advertised at once. Thanking you in advance for your attention in this matter, I am yours very truly,

L. H. POUNDS, Acting Borough President.

Report No. 12174. February 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 January 9, 1913, and after a public hearing, preliminary authorization was given for what was described as the Classon Avenue Relief Sewerage System in the Borough of Brooklyn, the cost of which was then estimated to be $2,497,500.

This improvement was initiated by the Board of Estimate and Apportionment pursuant to an opinion of the Corporation Counsel partly for the purpose of re-enforcing the capacity of the existing sewers and partly to supplement other sewers, the use of which would have to be discontinued as a result of the construction of the Fourth avenue subway, the Local Boards having jurisdiction having failed to act in the matter.

With the accompanying communication from the Acting President of the Borough bearing date of February 21, 1913, request is made for the final authorization of what is intended to be the first section of this improvement, comprising sewers in the following named streets:

Vernon avenue, from Nostrand avenue to Tompkins avenue; Tompkins avenue, from Vernon avenue to Greene avenue; Skillman street, from Park avenue to Myrtle avenue; Myrtle avenue, from Skillman street to Nostrand avenue; Nostrand avenue, from Myrtle avenue to Vernon avenue; Hewes street, from Classon avenue to Wallabout canal; Classon avenue, from Hewes street to Park avenue; Park avenue, from Classon avenue to Skillman street.

The work to be done in this section, which, from information presented, is to be subdivided into three separate contracts, comprises the following: 3,824 linear feet 186-inch sewer, 5,047 linear feet 180-inch sewer, 25 linear feet 54-inch brick sewer, 834 linear feet 30-inch brick sewer, 1,665 linear feet 24-inch pipe sewer, 1,282 linear feet 18-inch pipe sewer, 2,458 linear feet 15-inch pipe sewer, 8,072 linear feet 12-inch pipe sewer, 510 house connection drains, 51 receiving basins reconnected, 4 receiving basins, 2 inverted syphons, 3 storm water separators, 3 connecting drop sections, 181 manholes.

The Borough President states that the cost of the preliminary work aggregates $368.36; that it is proposed to allow the contractor 350 working days for completing the work; and that the cost of construction is estimated at $1.125.000. The assessed valuation of the property deemed benefited is stated to be $476,883,191. Information is also presented to show that in the preliminary authorization an allowance of $1.242,500 was made for that portion of the work which it is proposed to carry out at this time.

In order that there may be no delay in returning to the Street Improvement Fund the money expended in carrying out the work now proposed and to avoid the delay which would be involved if the presentation of the assessment lists were to be deferred until the entire relief system of sewerage is complete, I would recommend that the final authorization of the work now described be given and that the Borough President be requested to make it the subject of a single independent assessment list to be submitted to the Board of Assessors simultaneously with the preparation of the final estimates, with the further understanding that final authorization will be given for the remainder of the work required to complete the system under independent resolutions, the scope of which, in each case, will be limited to include that portion of the improvement concerning which simultaneous contracts will be entered into. Respectfully,

NELSON P. LEWIS, Chief Engineer.

The following was offered:

Whereas, The Board of Estimate and Apportionment, after a public hearing on January 9, 1913, authorized the President of the Borough of Brooklyn to prepare the necessary plans and specifications and an estimate of the cost, based on actual survey, of sewers required in a number of streets to complete the Classon Avenue Relief Sewerage System, in the Borough of Brooklyn; and

Whereas, Under date of February 21, 1913, the Acting President of the Borough of Brooklyn requests final authorization for the construction of what is intended to be the first section of this improvement, comprising sewers in the following named streets: Vernon avenue, from Nostrand avenue to Tompkins avenue; Tompkins avenue, from Vernon avenue to Greene avenue; Skillman street, from Park avenue to Myrtle avenue; Myrtle avenue, from Skillman street to Nostrand avenue; Nostrand avenue, from Myrtle avenue to Vernon avenue; Hewes street, from Classon avenue to Wallabout Canal; Classon avenue, from Hewes street to Park avenue; and Park avenue, from Classon avenue to Skillman street; and

Whereas, The President of the Borough of Brooklyn has furnished an estimate in writing in such detail as the Board has directed, that the cost of such first section of the proposed work or improvement, together with the preliminary expenses, will be the sum of $1,125,500, together with 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 $476,883,191; be it

Resolved, That the Board of Estimate and Apportionment, deeming it for the public interest so to do, hereby authorizes the President of the Borough of Brooklyn to construct the first section of the said improvement, this comprising sewers in the following named streets: Vernon avenue, from Nostrand avenue to Tompkins avenue; Tompkins avenue, from Vernon avenue to Greene avenue; Skillman street, from Park avenue to Myrtle avenue; Myrtle avenue, from Skillman street to Nostrand avenue; Nostrand avenue, from Myrtle avenue to Vernon avenue; Hewes street, from Classon avenue to Wallabout Canal; Classon avenue, from Hewes street to Park avenue, and Park avenue, from Classon avenue to Skillman street.

Resolved, That this Board does hereby determine that no portion of the cost and expense of the improvement herein authorized 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; and be it further

Resolved, That the President of the Borough of Brooklyn be and he hereby is requested to make the improvement herein authorized the subject of a single independent assessment list to be submitted to the Board of Assessors simultaneously with the preparation of the final estimate.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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.

(Final Authorization.)

The Secretary presented the following report of the Chief Engineer relating to Cal. No. 109 to Cal. No. 112.

Report No. 12176. March 3, 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 The Bronx, 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 Glebe avenue, from Zerega avenue to Overing street.

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 $5,500. The Borough President states that the time to be allowed for the completion of the improvement is forty days, and that the expense incurred for the preliminary work amounts to $33.25.

The work to be done comprises the following: 1,060 cubic yards earth and rock excavation, 870 cubic yards filling, 2,460 linear feet curbing, 9,600 square feet cement sidewalk.

The cost of the improvement is now estimated to be $5,500.

2. Grading, curbing and flagging Tyndall avenue, from Mosholu avenue to a point about 73 feet north of West 260th street.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 1913, at which time information was presented to show that its probable cost would be about $35,400. 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 $34.37.

The work to be done comprises the following: 16,200 cubic yards earth and rock excavation, 13,800 cubic yards filling, 2,050 linear feet curbing, 8,100 square feet flagging.

The cost of the improvement is now estimated to be $32,800.

3. Paving with bituminous concrete (preliminary pavement), and adjusting the curbing where necessary on Ogden avenue, from West 169th street to Aqueduct avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on January 23, 1913, at which time information was presented to show that its probable cost would be about $13,200. The Borough President states that the time to be allowed for the completion of the improvement is fifty days, and that the expense incurred for the preliminary work amounts to $33.47.

The work to be done comprises the following: 6,820 square yards bituminous concrete pavement, 2,000 linear feet curbing adjusted.

The cost of the improvement is now estimated to be $13,100.

4. Grading, curbing, flagging and paving with asphalt (permanent pavement) East 140th street, from Park avenue to Morris avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on December 12, 1912, 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 sixty days, and that the expense incurred for the preliminary work amounts to $21.37.

The work to be done comprises the following: 1,400 cubic yards excavation, 1,250 linear feet new and old curbing, 4,800 square feet cement sidewalk, 1,600 square yards asphalt pavement.

The cost of the improvement is now estimated to be $7,500.

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 April 1, 1913, to Tyndall avenue, from Mosholu avenue to a line extending between a point on the westerly line of Tyndall avenue distant 81.01 feet north of the northerly line of West 260th street and a point on the easterly line of Tyndall avenue distant 65.23 feet north of the northerly line of West 260th street. Respectfully,

NELSON P. LEWIS, Chief Engineer.

Regulating and Grading Glebe Avenue, from Zerega Avenue to Overing Street, The Bronx (Cal. No. 109).

The following was offered:

A copy of a resolution of the Local Board of the Chester District, duly adopted by said Board on the 11th day of November, 1912, and approved by the President of the Borough of The Bronx on the 25th day of November, 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 regulating, grading, setting curb stones, flagging the sidewalks, laying crosswalks, building approaches and erecting fences where necessary in Glebe avenue, from Zerega avenue to Overing street, and all work incidental thereto, in the Borough of The Bronx, City of New York,"

—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 The Bronx 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 The Bronx 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 The Bronx, 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 $5,500; 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 $124,100, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Tyndall Avenue, from Mosholu Avenue to a Point About 73 Feet North of West 260th Street, The Bronx.

Vesting Title to Tyndall Avenue, from Mosholu Avenue to a Line Extending Between a Point on the Westerly Line of Tyndall Avenue Distant 81.01 *Feet North of the Northerly Line of West* 260th *Street and a Point on the Easterly Line of Tyndall Avenue, Distant* 65.23 *Feet North of the Northerly Line of West* 260th *Street, The Bronx* (Cal. No. 110).

The following was offered:

Whereas, The Board of Estimate and Apportionment, on the 8th day of April, 1910, 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 Tyndall avenue, from Mosholu avenue to West 260th street, and Liebig avenue, from Mosholu avenue to the City Line, Borough of The Bronx, City of New York, which proceeding was amended November 18, 1910, so as to relate to Liebig avenue, from Mosholu avenue to the City Line; and Tyndall avenue, from Mosholu avenue to a line extending between a point on the westerly line of Tyndall avenue distant 81.01 feet north of the northerly line of West 260th street and a point on the easterly line of Tyndall avenue distant 65.23 feet north of the northerly line of West 260th street; and further amended January 11, 1912, in so far as it relates to Liebig avnue, so as to conform to the street as shown on a map or plan adopted by the Board of Estimate and Apportionment October 19, 1911, and approved by the Mayor November 18, 1911; and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 17th day of July, 1912, be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Tyndall avenue, from Mosholu avenue to a line extending between a point on the westerly line of Tyndall avenue distant 81.01 feet north of the northerly line of West 260th street and a point on the easterly line of Tyndall avenue distant 65.23 feet north of the northerly line of West 260th street, in the Borough of The Bronx, 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 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 Van Courtlandt District, duly adopted by said Board on the 4th day of March, 1912, and approved by the President of the Borough of Brooklyn on the 10th day of May, 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 regulating, grading, setting curb stones, flagging sidewalks, laying crosswalks, building approaches, erecting fences where necessary in Tyndall avenue, from Mosholu avenue to about 73.12 feet north of West 260th street (the southerly line of the Foster property), together with all work incidental thereto, in the Borough of The Bronx, City of New York,"

—and thereupon, on the 23d day of January, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of The Bronx 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 The Bronx 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 The Bronx, 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 as 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 he sum of $32,800; 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 $90,400, 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 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving, and Adjusting the Curbing, in Ogden Avenue, from West 169th *Street to Aqueduct Avenue, The Bronx* (Cal. No. 111).

The following was offered:

A copy of a resolution of the Local Board of the Van Courtlandt District, duly adopted by said Board on the 25th day of September, 1912, and aproved by the President of the Borough of The Bronx on the 14th 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 paving with bituminous concrete on a cement concrete foundation (preliminary pavement) the roadway of Ogden avenue, from West 169th street to Aqueduct avenue, adjusting curb where necessary, together with all work incidental thereto, in the Borough of The Bronx, City of New York,"

—and thereupon, on the 23d day of January, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of The Bronx 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 The Bronx 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 The Bronx, 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 $13,100; 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 $325,450, 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 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 140*th Street, from Park Avenue to Marris Avenue, The Bronx* (Cal. No. 112).

The following was offered:

A copy of a resolution of the Local Board of the Morrisania District, duly adopted by said Board on the 28th day of May, 1912, and approved by the President of the Borough of The Bronx on the 13th day of June, 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 regulating, grading, setting curbstones, flagging the sidewalks, laying crosswalks, building approaches, erecting fences where necessary, and paving the roadway with sheet asphalt (permanent pavement), on a concrete foundation, East 140th street, from Park avenue to Morris avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York,"

—and thereupon, on the 12th day of December, 1912, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of The Bronx 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 The Bronx 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 The Bronx, 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 $7,500; 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 $1,217,900, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving and Curbing West 231*st Street, from Corlear Avenue to Bailey Avenue, The Bronx* (Cal. No. 113).

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 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 paving with sheet asphalt on a concrete foundation, where the grades are 3 per cent. or less, and with asphalt blocks on a concrete foundation where the grades are over 3 per cent (permanent pavement), the roadway of West 231st street, from Corlear avenue to Bailey avenue, setting curb where necessary, and doing all work incidental thereto; and be it further

Resolved, That the foregoing resolution be and the same is hereby considered as amendment of the resolution of this Local Board adopted on June 11, 1912, which provided for "paving with asphalt blocks on a concrete foundation (permanent pavement) the roadway of West 231st street, from Corlear avenue to Bailey avenue, setting curb where necessary, 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, Aldermen Weil and Wilmot, and the President of the Borough of The Bronx voting in favor thereof. Negative, none.

Attest: GEO. DONNELLY, Secretary.

Approved and certified this 26th day of February, 1913.

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

Report No. 12181. March 1, 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 July 11, 1912, and in accordance with a resolution of the Local Board of the Van Courtlandt District, Borough of The Bronx, adopted on October 6, 1911, as amended on June 11, 1912, final authorization was granted for paving with Asphalt block (permanent pavement) and curbing where necessary West 231st street from Corlear avenue to Bailey avenue.

The work was estimated to cost $23,700, and the assessed valuation of the property to be benefited was stated to be $2,897,350.

On December 23, 1912, the Local Board adopted a new resolution, which is herewith transmitted, amending its original resolution initiating the improvement by providing for paving this street between the limits named with asphalt (permanent pavement) where the grade is three per cent. or less, and with asphalt block (permanent pavement) where the grade is more than three per cent. and adjusting curbing where necessary. From Corlear avenue to Kingsbridge avenue and from the crown about 300 feet west of Broadway to the New York and Putnam Railway, the grades established for this street are over three per cent. and it is evidently in this section of the street length that the asphalt block pavement is to be laid.

There is also transmitted herewith a communication from the Borough President advising that all of the conditions which it is the practice of the Board to impose prior to the authorization of local improvements have been complied with insofar as the later resolution is concerned, and requesting that the construction work be accordingly authorized.

The Borough President states that the time to be allowed for the completion of the improvement is fifty days, and that the total expense incurred for the preliminary work amounts to $60.75.

The work to be done comprises the following: 3,915 square yards asphalt block pavement, 3,415 square yards asphalt pavement, 2,910 linear feet of new and old curbing.

The cost of the improvement is now estimated to be $22,500, but no change is made in the value heretofore given for the assessed valuation of the property deemed to be benefited.

I can see no reason why the amendment proposed by the Local Board should not be made, and would recommend the rescission of the resolution of July 11, 1912, granting final authorization for the improvement as originally contemplated, and that the resolution of June 27, 1912, granting preliminary authorization be amended so as to conform with the later Local Board resolution.

I would also recommend that the construction work be then authorized.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following was offered:

Resolved, That the Board of Estimate and Apportionment hereby rescinds the resolution adopted by said Board on July 11, 1912, granting final authorization for paving with asphalt blocks on a concrete foundation (permanent pavement) the roadway of West 231st street, from Corlear avenue to Bailey avenue, setting curb where necessary, together with all work incidental thereto, Borough of The Bronx.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on June 27, 1912, amending the resolution adopted by the Board on January 25, 1912, granting preliminary authorization for paving with asphalt blocks on a concrete foundation, setting curb where necessary in West 231st street, from Corlear avenue to Bailey avenue, together with all work incidental thereto, in the Borough of The Bronx, City of New York, so as to provide for permanent pavement, be and the same hereby is further amended so as to provide for sheet asphalt on concrete foundation (permanent pavement) where the grade is 3 per cent. or less, and for asphalt blocks on concrete foundation (permanent pavement) where the grade is more than 3 per cent., and adjusting curbing where necessary, the amended resolution to read as follows:

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 26th day of February, 1912, as follows, to wit:

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

"For paving with sheet asphalt on a concrete foundation where the grades are 3 per cent. or less, and with asphalt blocks on a concrete foundation where the grades are over 3 per cent. (permanent pavement), the roadway of West 231st street, from Corlear avenue to Bailey avenue, setting curb where necessary, and doing all 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 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 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 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 26th 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 paving with sheet asphalt on a concrete foundation where the grades are 3 per cent. or less, and with asphalt blocks on a concrete foundation where the grades are over 3 per cent. (permanent pavement), the roadway of West 231st street, from Corlear avenue to Bailey avenue, setting curb where necessary, and doing all work incidental thereto;" and

Whereas, on the 25th day of January, 1912, the 27th day of June, 1912, and the 6th day of March, 1913, resolutions having been adopted by the Board of Estimate and Apportionment authorizing the President of the Borough of The Bronx 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 The Bronx 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 The Bronx, 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 $22,500; 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 $2,897,350, 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 improvements 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 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. No. 114 to Cal. No. 123:

Report No. 12177. March 3, 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 and paving with asphalt (permanent pavement) DeKalb avenue, from Onderdonk avenue to Woodward avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on October 17, 1912, 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 improvement is 25 days, and that the expense incurred for the preliminary work amounts to $43.94.

The work to be done comprises the laying of 1,650 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $3,800.

2. Paving with asphalt block (permanent pavement) Radde street, from North Jane street to Payntar avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on November 14, 1912, at which time information was presented to show that its probable cost would be about $11,400. 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 $165.11.

The work to be done comprises the laying of 3,600 square yards of asphalt block pavement.

The cost of the improvement is now estimated to be $10.600.

3. Paving with asphalt block (permanent pavement) Elm street, from Crescent street to 2d avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on October 3, 1912, at which time information was presented to show that its probable cost would be about $8,100. 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 $56.

The work to be done comprises the laying of 2,900 square yards of asphalt block pavement.

The cost of the improvement is now estimated to be $8,700.

4. Grading, curbing and flagging Ridge street, from the Boulevard to Ely avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on December 12, 1912, at which time information was presented to show that its probable cost would be about $14,600. The Borough President states that the time to be allowed for the completion of the improvement is 150 days, and that the expense incurred for the preliminary work amounts to $170.59.

The work to be done comprises the following: 14,000 cubic yards embankment, 3,600 linear feet curbing, 17,000 square feet flagging.

The cost of the improvement is now estimated to be $16,300.

5. Sewers in the following streets: Liberty avenue, from Stoothoff avenue to Chestnut street; Cedar avenue, from Liberty avenue to Kimball avenue; Chestnut street, from Liberty avenue to Kimball avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on October 3, 1912, at which time information was presented to show that its probable cost would be about $4,200. 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 $77.52.

The work to be done comprises the following: 256 linear feet 2-foot-6-inch concrete sewer, 252 linear feet 24-inch vitrified pipe sewer, 668 linear feet 12-inch vitrified pipe sewer, 10 manholes, 3 receiving basins.

The cost of the improvement is now estimated to be $5,800.

6. Sewer in Decatur street, from Myrtle avenue to Forest avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on December 12, 1912, at which time information was presented to show that its probable cost would be about $2,300. The Borough President states that the time to be allowed for the completion of the improvemen is 30 days, and that the expense incurred for the preliminary work amounts to $23.73.

The work to be done comprises the following: 754 linear feet 12-inch vitrified pipe sewer, 7 manholes.

The cost of the improvement is now estimated to be $2,400.

7. Sewers in the following streets: Jerome avenue, from Ocean avenue, east side, to Greenwood avenue; McCormick avenue, from Beaufort avenue to Jerome avenue; Oxford avenue, from Beaufort avenue to Jerome avenue; Seattle street, from Beaufort avenue to Jerome avenue; Portland avenue, from Beaufort avenue to Jerome avenue; Herald avenue, from Jerome avenue to the crown 265 feet northerly therefrom.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on September 19, 1912, at which time information was presented to show that its probable cost would be about $22,700. 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 $293.16.

The work to be done comprises the following: 3,426 linear feet 12-inch vitrified pipe sewer, 240 linear feet 18-inch pipe sewer, 1,077 linear feet 4-foot concrete sewer, 487 linear feet 4-foot 6-inch reinforced concrete sewer, 42 manholes, 9 receiving basins.

The cost of the improvement is now estimated to be $27,300.

8. Grading, curbing, flagging and paving with asphalt (permanent pavement) Silver street, from Fresh Pond road to a line 300 feet westerly therefrom.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on September 19, 1912, at which time information was presented to show that its probable cost would be about $3,000. 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 $23.73.

The work to be done comprises the laying of 900 square yards of asphalt pavement.

The cost of the improvement is now estimated to be $2,100.

9. Sewers in the following streets: Madison street, from Myrtle avenue to Wyckoff avenue; Wyckoff avenue, from Madison street to Halsey street; Halsey street, from Wyckoff avenue to Irving avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 27, 1912, at which time information was presented to show that its probable cost would be about $34,800. The Borough President states that the time to be allowed for the completion of the improvement is 150 days, and that the expense incurred for the preliminary work amounts to $490.01.

The work to be done comprises the following: 1,230 linear feet 5-foot reinforced concrete sewer, 500 linear feet 4-foot 6-inch reinforced concrete sewer, 386 linear feet 4-inch concrete sewer, 700 linear feet 3-foot 6-inch concrete sewer, 16 manholes, 1 cleaning shaft, 16 receiving basins.

The cost of the improvement is now estimated to be $38,100.

10. Sewers in the following streets; Nott avenue, from Van Dam street to Hulst street; Anable avenue, from Van Dam street to Hulst street; Hulst street, from Nott avenue to Anable avenue.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on February 8, 1912, at which time information was presented to show that its probable cost would be about $19,100. The Borough President states that the time to be allowed for the completion of the improvement is 100 days, and that the expense incurred for the preliminary work amounts to $339.18.

The work to be done comprises the following: 255 linear feet 3-foot 9-inch concrete sewer, 260 linear feet 3-foot 6-inch concrete sewer, 496 linear feet 3-foot 3-inch concrete sewer, 430 linear feet 3-foot concrete sewer, 260 linear feet 18-inch vitrified pipe sewer, 260 linear feet 15-inch vitrified pipe sewer, 1,670 linear feet 12-inch vitrified pipe sewer, 27 manholes, 25 receiving basins, 1 junction chamber.

The cost of the improvement is now estimated to be $24,400.

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 April 1, 1913, to the following streets:

Ridge street, from the Boulevard to the easterly line of Ely avenue; Madison street, from Wyckoff avenue to Myrtle avenue; Anable avenue, from Van Dam street to Hulst street; Nott avenue, from Van Dam street to Hulst street.

Respectfully, NELSON P. LEWIS, Chief Engineer.

Grading and Paving DeKalb Avenue, from Onderdonk Avenue to Woodward Avenue, Queens (Cal. No. 114).

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 regulating, grading and paving with a permanent pavement consisting of sheet asphalt on a concrete foundation six inches in thickness and all work incidental thereto, in DeKalb avenue, from Onderdonk avenue to Woodward avenue, Second Ward of the Borough of Queens,"

—and thereupon, on the 17th day of October, 1912, 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 $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 $120,900, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Radde Street, from North Jane Street to Payntar Avenue, Queens (Cal. No. 115).

The following was offered:

A copy of a resolution 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 regulating and paving with a permanent pavement consisting of asphalt blocks on a concrete foundation six (6) inches in thickness, and all work incidental thereto, in Radde street from North Jane street to Payntar avenue, First Ward of the Borough of Queens,"

—and thereupon, on the 14th day of November, 1912, 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 $10,600; 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 $697,500, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Paving Elm Street, from Crescnt Street to 2d Avenue, Queens (Cal. No. 116).

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 (6) inches in thickness, Elm street, from Crescent street to 2d avenue, 1st Ward, of the Borough of Queens"

—and thereupon, on the 3d day of October, 1912, 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 $8,700, 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 $187,000, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Regulating and Grading Ridge Street, from the Boulevard to Ely Avenue, Queens. Vesting Title to Ridge Street, from the Boulevard to the Easterly Line of Ely Avenue, Queens (Cal. No. 117).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 15th day of December, 1910, 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 Ridge street, from the boulevard to Academy street, in the Borough of Queens, City of New York; and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said street, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 4th day of January, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Ridge street, from the Boulevard to the easterly line of Ely 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 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 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 regulating, grading, curbing and flagging, together with all work incidental thereto, in Ridge street, from the Boulevard to Ely avenue, 1st Ward, of the Borough of Queens."

—and thereupon, on the 12th day of December, 1912, 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 $16,300, 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 $151,000, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Liberty Avenue, from Stoothoff Avenue to Chestnut Street; Cedar Avenue, from Liberty Avenue to Kimball Avenue, and Chestnut Street, from Liberty Avenue to Kimball Avenue, Queens (Cal. No. 118).

The following was offered:

A copy of a resolution of the Local Board of the Jamaica District, duly adopted by said Board on the 7th day of June, 1912, and approved by the President of the Borough of Queens on the 20th day of June, 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 Liberty avenue, from Stoothoff avenue to Chestnut street; Cedar avenue, from Liberty avenue to Kimball avenue, and in Chestnut street, from Liberty avenue to Kimball avenue, 4th Ward, of the Borough of Queens."

—and thereupon, on the 3d day of October, 1912, 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 $5,800, 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 $107,075, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewer in Decatur Street, from Myrtle Avenue to Forest Avenue, Queens (Cal. No. 119.)

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 the construction of a sewer and appurtenances in Decatur street, from Myrtle avenue to Forest avenue, 2d Ward, of the Borough of Queens"

—and thereupon, on the 12th day of December, 1912, 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 $2,400, 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 $89,600, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Jerome Avenue, from Ocean Avenue, East Side, to Greenwood Avenue; McCormick Avenue, from Beaufort Avenue to Jerome Avenue; Oxford Avenue, from Beaufort Avenue to Jerome Avenue; Seattle Street, from Beaufort Avenue to Jerome Avenue; Portland Avenue, from Beaufort Avenue to Jerome Avenue, and Herald Avenue, from Jerome Avenue to the Crown 265 Feet Northerly Therefrom, Queens (Cal. No. 120).

The following was offered:

A copy of a resolution of the Local Board of the Jamaica District, duly adopted by said Board on the 1st day of March, 1912, and approved by the President of the Borough of Queens on the 8th day of March, 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 Jerome avenue from Ocean avenue, east side, to Greenwood avenue, McCormick avenue from Beaufort avenue to Jerome avenue, Oxford avenue from Beaufort avenue to Jerome avenue, Seattle street from Beaufort avenue to Jerome avenue, Portland avenue from Beaufort avenue to Jerome avenue and Herald avenue from Jerome avenue to the crown 265 feet north of Jerome avenue, Fourth Ward of the Borough of Queens;"

—and thereupon, on the 19th day of September, 1912, 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 $27,300; 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 $863,000 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 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 Silver Street, from Fresh Pond Road to a Line 300 Feet Westerely Therefrom, Queens (Cal. No. 121).

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 regulating, grading, curbing, flagging and paving with a permanent pavement consisting of sheet asphalt on a concrete foundation six (6) inches in thickness together with all work incidental thereto in Silver street from Fresh Pond road to a line 300 feet west of Fresh Pond road, Second Ward of the Borough of Queens;"

—and thereupon, on the 19th day of September, 1912, 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 $2,100; 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 $15,000 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Madison Street, from Myrtle Avenue to Wyckoff Avenue; Wyckoff Avenue, from Madison Street to Halsey Street, and Halsey Street, from Wyckoff Avenue to Irving Avenue, Queens.

Vesting Title to Madison Street, from Wyckoff Avenue to Myrtle Avenue, Queens (Cal. No. 122).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 5th day of November, 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 Madison street from the Brooklyn Borough Line to Fresh Pond road; Palmetto street from Onderdonk avenue to Fresh Pond road; and Woodbine street from Myrtle avenue to Fresh Pond road, Borough of Queens, City of New York, which proceeding was amended February 9, 1911, so as to relate to Woodbine street from Myrtle avenue to Fresh Pond road; Palmetto street from Onderdonk avenue to Fresh Pond road; and Madison street from Wyckoff avenue to Fresh Pond road, and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets and the oaths of said Commissioners of Estimate were duly filed as required by law on the 8th day of December, 1911; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Madison street from Wyckoff avenue to Myrtle 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 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 Newtown District, duly adopted by said Board on the 12th day of April, 1912, and approved by the President of the Borough of Queens on the 20th day of April, 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:

"To construct a sewer and appurtenances in Madison street from Myrtle avenue to Wyckoff avenue; in Wyckoff avenue from Madison street to Halsey street and in Halsey street from Wyckoff avenue to Irving avenue, Second Ward of the Borough of Queens;"

—and thereupon, on the 27th day of June, 1912, 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 $38,100; 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 $2,044,512, 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Sewers in Nott Avenue, from Van Dam Street to Hulst Street; Anable Avenue, from Van Dam Street to Hulst Street, and Hulst Street, from Nott Avenue to Anable Avenue, Queens.

Vesting Title to Anable Avenue, from Van Dam Street to Hulst Street, and Nott Avenue, from Van Dam Street to Hulst Street, Queens (Cal. No. 123).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 24th day of September, 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 Nott avenue from Van Dam street to Calvary cemetery; and Anable avenue from Van Dam street to Calvary cemetery in the Borough of Queens, City of New York, and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets and the oaths of said Commissioners of Estimate were duly filed as required by law on the 3d day of January, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Anable avenue from Van Dam street to Hulst street; and Nott avenue from Van Dam street to Hulst street, 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 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 Newtown District, duly adopted by said Board on the 1st day of December, 1911, and approved by the President of the Borough of Queens on the 9th day of December, 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 the construction of a sewer and appurtenances in Nott avenue from Van Dam street to Hulst street, Anable avenue, from Van Dam street to Hulst street and in Hulst street, from Nott avenue to Anable avenue, 1st Ward of the Borough of Queens,"

—and thereupon, on the 8th day of February, 1912, 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 $24,400, 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 $826,750 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 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.)

The Secretary presented the following report of the Chief Engineer, relating to Cal. No. 124 and Cal. No. 125.

Report No. 12178. March 3, 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 Richmond, 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 Knox street, from Richmond terrace to Market street, and setting curb returns at the intersecting streets.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on June 27, 1912, at which time information was presented to show that its probable cost would be about $5,700. 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 $442.08.

The work to be done comprises the following: 2,743 cubic yards excavation; 2,593 cubic yards filling; 170 linear feet curbing.

The cost of the improvement is now estimated to be $5,700.

2. Temporary sanitary sewer in Van Duzer street, from Vanderbilt avenue to Cornell place.

The preliminary work for this improvement was authorized by the Board of Estimate and Apportionment on November 14, 1912, at which time information was presented to show that its probable cost would be about $1,100. The Borough President states that the time to be allowed for the completion of the improvement is 18 days, and that the expense incurred for the preliminary work amounts to $46.47.

The work to be done comprises the following: 387 linear feet 8-inch vitrified pipe sewer; 3 manholes.

The cost of the improvement is now estimated to be $1,400.

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 April 1, 1913, to Knox street, from Richmond terrace to Market street. Respectfully,

NELSON P. LEWIS, Chief Engineer.

Grading Knox Street, from Richmond Terrace to Market Street, and Setting Curb Returns at the Intersecting Streets, Richmond.

Vesting Title to Knox Street, from Richmond Terrace to Market Street, Richmond (Cal. No. 124).

The following was offered:

Whereas, The Board of Estimate and Apportionment on the 9th day of March, 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 Knox street from Richmond Terrace to Market street; and Market street from Broadway to Burger avenue, Borough of Richmond, City of New Yok, which proceeding was amended November 16, 1911, so as to relate to the aforesaid streets as shown upon a map or plan adopted by the Board of Estimate and Apportionment October 5, 1911, and approved by the Mayor October 20, 1911; and

Whereas, Commissioners of Estimate have been appointed by the Supreme Court, in proceedings to acquire title to said streets, and the oaths of said Commissioners of Estimate were duly filed as required by law on the 18th day of March, 1912; be it

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, directs that upon the 1st day of April, 1913, the title in fee to each and every piece or parcel of land lying within the lines of said Knox street from Richmond Terrace to Market street, in the Borough of Richmond, 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 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 Staten Island District, duly adopted by said Board on the 10th day of May, 1910, and approved by the President of the Borough of Richmond on the 11th day of May, 1910, 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 grade Knox street, between Richmond Terrace and Market street, to set curbstone corners, to lay crosswalks at intersecting streets, and to do other necessary work incidental thereto, in the 1st Ward of the Borough of Richmond";

—and thereupon, on the 27th day of June, 1912, resolutions 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 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 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 $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 $228,750 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 President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Temporary Sanitary Sewer in Van Duzer Street, from Vanderbilt Avenue to Cornell Place, Richmond (Cal. No. 125).

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 17th day of September, 1912, and approved by the President of the Borough of Richmond on the 19th day of September, 1912, having been transmited 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 sanitary sewer, with the necessary appurtenances, in Van Duzer street, from Vanderbilt avenue to Cornell place, in Sewer District No. 3-C, in the 2d Ward, Borough of Richmond."

—and thereupon on the 14th day of November, 1912, 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 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 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 $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 $2,500, having also been presented, and

Whereas, It has become necessary to construct this temporary sanitary 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 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 Lenox Road at 35 Feet Through the Entire Street Length, Excepting the Block Between New York Avenue and East 34th Street, Borough of Brooklyn (Cal. No. 126).

The Secretary presented the following joint resolution of the Local Boards of the Flatbush and New Lots Districts, Borough of Brooklyn, and report of the Chief Engineer:

In the Local Boards of the Flatbush and New Lots Districts.

Resolved, That the Local Boards of the Flatbush and New Lots Districts, Borough of Brooklyn, after duly advertised hearing had this 19th day of December, 1912, hereby recommend to the Board of Estimate and Apportionment that the roadway width of Lenox road, for its entire length, excepting the block between New York avenue and East 34th street, be fixed at 35 feet; 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 the Flatbush and New Lots Districts on the 19th day of December, 1912. Commissioner Pounds and Aldermen Bosse, Morrison, Grimm and Martyn voting in favor thereof.

Attest: REUBEN L. HASKELL, Secretary.

Approved on January 13, 1913.

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

Report No. 12166. February 27, 1913.

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

Sir—Herewith is transmitted a joint resolution of the Local Boards of the Flatbush and New Lots Districts, Borough of Brooklyn, adopted on December 19, 1912, recommending that the roadway width of Lenox road through its entire length, excepting the block between New York avenue and East 34th street, be fixed at 35 feet.

This street has been laid out upon the City Plan to have a width of 70 feet and under the general ordinance should have a roadway 36 feet wide.

To avoid damaging a number of shade trees, the Board of Estimate and Apportionment, on June 13, 1912, fixed the roadway width of Lenox road from New York avenue to East 34th street at 34 feet, for which reason this block is now excluded from consideration. With the papers is presented information showing that in the remaining portion of its length the street has been improved in disconnected sections with a roadway 35 feet wide. It is now desired that existing conditions be legalized and that provision be made for establishing a similar treatment through the unimproved sections of the street.

I can see no objection to the treatment proposed and would recommend the adoption of a resolution fixing the roadway width of Lenox road, from Flatbush avenue to New York avenue and from East 34th street to East 98th street, at 35 feet, the roadway to be centrally located.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The following resolution was offered:

Resolved, By the Board of Estimate and Apportionment of The City of New York that the roadway of Lenox road from Flatbush avenue to New York avenue, and from East 34th street to East 98th street, Borough of Brooklyn, is to be centrally located, and the width thereof between the limits mentioned is hereby fixed at 35 feet.

Which was adopted by the following vote:

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

Regulating the Height, Size and Arrangement of Buildings Within City Limits. (Limiting the Height of Buildings Along 5th Avenue, from Washington Square to 110th Street, Borough of Manhattan) (Cal. No. 127).

(At the meeting of the Board on February 27, 1913, this matter was laid over for one week.)

The President of the Borough of Manhattan offered the following:

Whereas, There is a growing sentiment in the community to the effect that the time has come when effort should be made to regulate the height, size and arrangement of buildings erected within the limits of The City of New York, in order to arrest the seriously increasing evil of the shutting off of light and air from other buildings and from the public streets, to prevent unwholesome and dangerous congestion both in living conditions and in street and transit traffic, and to reduce the hazards of fire and peril to life; and

Whereas, Under the provisions of section 407 of the Charter, the height and size of buildings may be regulated by City ordinance, but such ordinance must first have the approval of the Board of Estimate and Apportionment; therefore be it

Resolved, That the Chairman be authorized to appoint a committee of three members of the Board of Estimate and Apportionment, to take this general subject under consideration, to inquire into and investigate conditions actually existing, and to ascertain and report whether, in their judgment, it is desirable to regulate the height, size and arrangement of buildings hereafter to be erected or altered within the City limits, with due regard to their location, character or uses, to examine into the practice and the comparative experience of other cities either here or abroad, and to consider and report upon the question of the legal right of The City of New York to regulate building construction in the manner proposed; and be it further

Resolved, That such Committee may also investigate and report whether, in their judgment, it would be lawful and desirable for the purpose of such regulation to divide the City into districts or into zones, and to prescribe the regulation of the height, size and arrangement of buildings upon different bases in such different districts or zones; and be it further

Resolved, That the Committee, when appointed, may in turn appoint an advisory commission to aid it in its work, such commission to consist of as many members as the Committee may determine, serving without pay, if not already in the employment of the City, but including representatives of each of the several boroughs, and that either the Committee or its advisory commission may hold public hearings in each of the boroughs and may use all appropriate means to bring the subject to the attention of the taxpayers and to other persons who may be interested; and be it further

Resolved, That the Committee be empowered to employ a Secretary, who shall also be the Secretary of the advisory commission, to secure such expert or technical advice as it may require for its proper guidance, and to incur such other incidental expenses as it may from time to time find necessary, such disbursements to be made from the contingent fund of this Board, but not to exceed in the aggregate the sum of $15,000; and be it further

Resolved, That the said Committee be instructed to submit, if practicable, in advance of any general report that it may make, suggestions or recommendations with relation to the proposed limitation of the height of buildings upon 5th avenue, between 110th street and Washington square, in the Borough of Manhattan, and within certain prescribed areas on either side of the said avenue, as proposed in the resolution presented to this Board on May 9, 1912, and now pending; and be it further

Resolved, That such Committee shall submit its final report and recommendations to the Board not later than six months from the date of its appointment, and shall thereupon cease to exist.

Which was adopted by the following vote:

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

Acquiring Title to Seaside Park at Rockaway Beach, Borough of Queens (Cal. No. 128).

The Secretary presented the following communication from the Neponsit Realty Company, which was ordered printed in the minutes and filed:

Neponsit Realty Company, Office 176 Remsen Street, Brooklyn, New York, February 26, 1913.

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

Dear Sirs—The Neponsit Realty Company hereby notifies you that it does not and will not acquiesce in or assent to any effort made by you or by the Corporation Counsel of the City of New York to prevent the confirmation of the final report of the Commissioners appointed in the proceedings to condemn the land and premises included within the public park (Seaside Park) at Rockaway Beach, Fifth Ward, in the Borough of Queens, City of New York, in and by which report the Neponsit Realty Company is awarded for the damage sustained by reason of said proceedings, together with interest on the awards for the lands and premises acquired from the date of vesting title in said proceedings to the date of said report the sum of $1,316,458.33, which report is dated February 10, 1913.

The Neponsit Realty Company further notifies you that by the terms of a certain option offered by it to the City of New York, dated December 7, 1911, providing that upon the exercise of said option it would execute and deliver an assignment thereof to said City of New York for the sum of $1,225,000 with interest at the rate of six per cent per annum, to be computed from August 1, 1911, together with all taxes and assessments which may have become a lien on or after August 1, 1911, or which thereafter might become a lien on said premises or any part thereof, and such reasonable sums of money as might be expended or incurred by the Neponsit Realty Company for counsel fees and other expenses in said condemnation proceedings, but deducting therefrom the amount of any encumbrance (except taxes and assessments) which there might be upon the title to said premises or deducible from the award therefor that it is provided.

This option shall expire and become void sixty days after the confirmation of the final report of the Commissioners to be appointed in the proceedings to condemn said property. Yours very truly, NEPONSIT REALTY COMPANY,

By CLIFFORD S. KELSEY, Treasurer.

Agreement Providing for the Elimination of Grade Crossings on the Long Island Railroad and for a Payment by the City Toward the Expense Thereof; Borough of Queens (Cal. No. 129).

(At the meeting of the Board on February 20, 1913, the President of the Long Island Railroad Company presented a form of Act for this purpose, which was referred to the President of the Board of Aldermen and the Corporation Counsel for examination as to its sufficiency and propriety and, if found proper, for presentation to the Legislature.)

The Secretary presented the following communication from the Acting Corporation Counsel, which was ordered printed in the minutes and filed:

City of New York, Law Department, Office of the Corporation Counsel, New York, February 27, 1913.

Board of Estimate and Apportionment, New York City:

Sirs—I am in receipt of a communication from Joseph Haag, Secretary, dated February 21, 1913, reading as follows:

"I transmit herewith copy of a communication from the President of the Long Island Railroad Company, addressed to the Board of Estimate and Apportionment under date of February 19, 1913, submitting a proposed form of an Act to ratify and confirm the agreement made July 21, 1911, between The City of New York and the Long Island Railroad Company, providing for the elimination of grade crossings and for a payment by the City towards the expense thereof, and to enable the City to carry out all of the provisions and conditions of said contract.

"At the meeting of the Board of Estimate and Apportionment on February 20, 1913, this matter was referred to the President of the Board of Aldermen and the Corporation Counsel, with the request that they pass on the proposed bill as to its sufficiency and propriety and, if it is found to be in proper form, that they cause it to be presented to the Legislature and endeavor to secure its enactment."

I have amended the proposed bill by adding a provision dispensing with the further consent or approval of the Public Service Commission, which amendment I deemed essential in view of the requirements of the railroad law by which such approval is made necessary in the proceedings taken thereunder for the elimination of grade crossings.

This amendment is agreeable to the President of the Board of Aldermen and to the railroad.

The proposed bill as amended will read:

"State of New York, No. ....., in Assembly.
February ...., 1913.

Introduced by .....

An Act to ratify and confirm an agreement made under date of July 21, 1911, between The City of New York and The Long Island Railroad Company, providing for the elimination of grade crossings and for a payment by the City towards the expense thereof and to enable the City of New York to carry out all of the provisions and conditions thereof.

The people of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. The agreement between The City of New York and The Long Island Railroad Company, providing for the elimination of grade crossings on a number of streets in the Borough of Queens and for a payment by the City toward the expense thereof, executed under date of July 21, 1911, by the said City and Railroad Company is hereby ratified and confirmed and all the terms and provisions of such agreement shall be binding and effective upon the said City and the said Railroad Company, their successors and assigns, and shall inure to the benefits of the parties thereto without any further consent, approval, act or proceeding by or on the part of the Public Service Commission, or by or on the part of said City, or any officer, board or department thereof.

Section 2. This act shall take effect immediately."

I have arranged to have the bill introduced in the Legislature at once and pressed with vigor to enactment.

Yours respectfully, G. L. STERLING, Acting Corporation Counsel.

Proposed Amendment to Section 992 of the Greater New York Charter (Cal. No. 130).

The Secretary presented a communication from the Comptroller submitting a draft of a proposed amendment to section 992 of the Charter, prepared by the Corporation Counsel, under which provision is made for requiring property owners who cede land within street lines to the City to submit to the Corporation Counsel proof of title, or to deposit with him an amount of money deemed sufficient to defray the expense of searching title, the payment provided for being based on a rate of 50 cents per foot for the first 25 feet of frontage, and 20 cents per foot for each additional foot of frontage, with a maximum of $50.

This legislation is intended to relieve the Budget from an expense which is clearly for the benefit of the abutting property owners.

On motion of the Comptroller the matter was laid over for one week (March 13, 1913).

Approved Papers (Cal. No. 131).

The Secretary presented the following, which was ordered printed in the minutes and filed:

Board of Estimate and Apportionment, City of New York, Office of the Secretary, 277 Broadway, March 6, 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 on February 20, 1913, and approved by him on February 26, 1913, changing the map or plan of the City of New York as follows:

514. By closing and discontinuing Zipkes place from Post avenue to Sherman avenue, and changing the grade of Sherman avenue between Dyckman street and Academy street, Borough of Manhattan.

515. By changing the grades of the street system bounded by Neptune avenue, West 23d street, the Atlantic Ocean and West 32d street, Borough of Brooklyn.

516. By laying out an extension of Flatbush avenue from its present southerly terminus, at or near the northerly line of Avenue V prolonged, to the United States bulkhead line of Rockaway Inlet, Borough of Brooklyn.

517. By changing the lines and grades of the street system bounded by Johnson avenue, Kappock street, Arlington avenue, West 231st street and its prolongation and Spuyten Duyvil road, Borough of The Bronx.

518. By changing the grades of the street system bounded by Baychester avenue, the New York, Westchester and Boston Railway, Boston road, Steenwick avenue, Hollers avenue, Vafian avenue, Tillotson avenue, Wright avenue, Givan avenue, Boller avenue and Burke avenue, Borough of The Bronx.

519. By laying out the lines and grades of the street system within the area designated as section 318 of the Final Maps, bounded approximately by Potter avenue, Crescent street, Wolcott avenue, Blanchard street, Winthrop avenue, 7th avenue, Riker avenue, Steinway avenue, Winthrop avenue, 11th avenue, Wolcott avenue, Theodore street, Ditmars avenue and Purdy street, Borough of Queens.

520. By changing the lines of the street system bounded by Rust street, Grand street, Broad street, Hill street, Clermont avenue, Flushing avenue and James street, 2d Ward, Borough of Queens.

521. By changing the grade of Targee street from Metcalf street to Irving place, Borough of Richmond. Respectfully, JOSEPH HAAG, Secretary.

The following matters not on the Calendar for this day were considered by unanimous consent:

Changing the Lines and Grades of the Street System Bounded by Seabury Avenue, Wellington Avenue and Its Prolongation, Westchester Creek, Latting Street, Balcom Avenue, the Prolongation of Whittemore Avenue, Graff Avenue and Its Prolongation, Commerce Avenue and Newbold Avenue, Borough of The Bronx (No. 132).

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 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 bounded by Seabury avenue, Wellington avenue and its prolongation, Westchester Creek, Latting street, Balcom avenue, the prolongation of Whittemore avenue, Graff avenue and its prolongation, Commerce avenue and Newbold 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 Secretary of the Board of Estimate and Apportionment, and dated April 4, 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 3d day of April, 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 3d day of April, 1913.

Which was adopted by the following vote:

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

Proposed Agreement Between the New York Central and Hudson River Railroad Company, the New York, New Haven and Hartford Railroad Company, The City of New York and the City of Yonkers, Providing for a Highway Bridge Connecting East 241st Street, in the Borough of The Bronx and Wakefield Avenue, in the City of Yonkers (No. 133-same as Cal. No. 4, Financial Matters).

The Secretary presented the following communication from 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, March 3, 1913.

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

Dear Sir—I transmit herewith, in duplicate, a form of agreement between the New York Central and Hudson River Railroad Company and its lessor, the New York and Harlem Railroad Company, the New York, New Haven and Hartford Railroad Company, the City of Yonkers and the City of New York, in the matter of the construction of a viaduct over the Bronx River, the New York and Harlem Railroad and the New York, New Haven and Hartford Railroad, connecting E. 241st street at Carpenter avenue in the City of New York with Wakefield avenue at Bronx River road in the City of Yonkers.

This form of agreement has been submitted to the New York Central and Hudson River Railroad Company and to the New York, New Haven and Hartford Railroad Company, and has been approved by them. It has also been submitted to the City of Yonkers, through its Common Council, and has been approved by the Mayor of Yonkers. I would respectfully request that it be presented to the Board of Estimate and Apportionment for approval and execution. 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 to the Comptroller and the Corporation Counsel.

FRANCHISE MATTERS.

Long Island Railroad Company, Lessee of the New York, Brooklyn and Manhattan Beach Railway Company; New York Connecting Railroad Company (Cal. No. 1).

In the matter of the communication from the Corporation Counsel calling attention to the instructions contained in resolution adopted by this Board November 21, 1912, directing him to represent the Board at all future hearings before the Public Service Commission on the following petitions:

(a) The New York Connecting Railroad Company for the approval of changes in its certificate as to terminus of railroad in the Borough of Queens and rental;

(b) The Long Island Railroad Company for the approval of the exercise of rights in carrying out improvements between the Brooklyn-Queensboro Line and Fresh Pond Junction;

—and oppose the granting of same.

At the meeting of February 27, 1913, a report was received from the Franchise Committee recommending that the Board withdraw its opposition to the granting of the applications under certain conditions, and the matter was laid over until this day.

The report is printed in full in the Minutes of February 27, 1913.

The following was offered:

Resolved, That the report dated February 26, 1913, of the Franchise Committee of this Board recommending the Board withdraw its opposition to the applications of the New York Connecting Railroad Company for certain changes in its certificate, and the Long Island Railroad Company for the exercise of certain additional rights, be and it is hereby adopted and the recommendations therein contained approved.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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. 2).

In the matter of the application of the Long Island Railroad Company for a franchise to construct, maintain and operate certain tracks across Hamilton avenue, Farmers avenue and South street, Borough of Queens; also for a joint use of Hamilton avenue by the public and the petitioner through a depression of said street so as to carry it beneath the railroad tracks by means of a re-enforced concrete arch.

At the meeting of February 27, 1913, a report was received from the Franchise Committee recommending the franchise be granted on certain terms and conditions and the matter was laid over until this day.

The report is printed in full in the Minutes of February 27, 1913.

The following appeared in opposition to the adoption of the report: Albert W. Seaman of the Long Island Automobile Club and H. B. Salisbury.

Louis J. Carruthers, counsel for the company, appeared in favor.

The following was offered:

Resolved, That the report dated February 27, 1913, of the Franchise Committee of this Board recommending that a franchise be granted to the Long Island Railroad Company to construct, maintain and operate certain tracks across Hamilton avenue, Farmers avenue and South street, at Hollis, in the Borough of Queens, be and it is hereby adopted and the recommendations therein contained approved; and be it further

Resolved, That the matter be and it is hereby referred to the Bureau of Franchises to prepare a form of contract.

Which was adopted by the following vote:

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

Brooklyn City Railroad Company; Brooklyn Heights Railroad Company (Cal. No. 3).

In the matter of the application of the Brooklyn City Railroad Company for permission to construct, maintain and operate a spur track from its street surface railway in Flushing avenue into the premises of Meurer Bros.' Company, 575 Flushing avenue, Borough of Brooklyn.

At the meeting of February 27, 1913, a report was received from the Franchise Committee recommending consent be granted providing the Railroad Company withdraws its appeal now pending before the Courts for the right to maintain a spur track entering the premises of the Arabol Manufacturing Company at 56 Nostrand avenue, Borough of Brooklyn, without the consent of this Board.

This report was presented to the Board at the meeting of February 27, 1913, and the matter was laid over until this day.

The report is printed in full in the Minutes of February 27, 1913.

The following was offered:

Resolved, That the report dated February 26, 1913, of the Franchise Committee of this Board relative to the application of the Brooklyn City Railroad Company to construct a spur track from its street surface railway on Flushing avenue into the premises of Meurer Bros.' Company at 575 Flushing avenue, Borough of Brooklyn, and relative to the spur track maintained by the Brooklyn Heights Railroad Company entering the premises of the Arabol Manufacturing Company at 56 Nostrand avenue, Borough of Brooklyn, be and it is hereby adopted and the recommendations therein contained approved; and be it further

Resolved, That the Bureau of Franchises be and it is hereby directed to prepare the necessary consent in regard to the spur track entering the premises of Meurer Bros.' Company, and the Secretary of this Board is hereby directed to notify the Brooklyn Rapid Transit Company to withdraw its appeal and make application for and pay for past use and occupation of the street by the spur track entering the premises of the Arabol Manufacturing Company before this Board will pass favorably upon the present or future applications of the company.

Which was adopted by the following vote:

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

Rapid Transit Railways—Additional Tracks on the Existing Elevated Railroads, Extensions Thereto, and the Construction, Maintenance, Equipment and Operation of Additional Rapid Transit Railroads and Future Extensions of the Same in the Several Boroughs of the City (Cal. No. 4).

The Secretary presented the following:

State of New York, Public Service Commission for the First District, Tribune Building, New York, March 4, 1913.

To the Board of Estimate and Apportionment of The City of New York:

The Public Service Commission for the First District herewith transmits for appropriate action under the Rapid Transit Act the following documents which it proposes to execute:

1. Contract between The City of New York, acting by the Commission, and New York Municipal Railway Corporation for additional rapid transit railroads.

2. Certificate to be granted by the Commission to New York Municipal Railway Corporation for Broadway, Fulton street and Myrtle avenue additional tracks.

3. Certificate to be granted by the Commission to the New York Municipal Railway Corporation for Jamaica and Liberty avenue extensions.

4. Contract between The City of New York and Interborough Rapid Transit Company for additional rapid transit railroads.

5. Certificate to be granted by the Commission to Interborough Rapid Transit Company for Webster avenue extension, 8th avenue and 162d street connection, Queensboro Bridge extension and West Farms subway connection.

There are also transmitted two supplemental agreements which the commission

proposes to enter into upon the execution of the two main contracts. Those supplemental agreements are:

1. Agreements between The City of New York, acting by the Commission, Interborough Rapid Transit Company and New York Municipal Railway Corporation, covering trackage rights to be exercised by the latter company.

2. Agreement between The City of New York, acting by the Commission, Interborough Rapid Transit Company as lessee, under the contract with the City, and Interborough Rapid Transit Company as lessee of the Manhattan Railway Company, covering trackage rights to be exercised by the Interborough Company as lessee of the Manhattan Railway Company.

The contracts and agreements to become effective will require the approval and consent of the Board of Estimate and Apportionment; the certificates will require the approval of your Board and in addition the consent of your Board and of the Mayor, as the local authorities, to the construction and operation of the railroads therein described.

In view of the extended conferences with your Committee on Pending Transit Proposals and of the widespread discussion of these matters, it is unnecessary here to recite the various provisions of these documents or to declare the public policy that underlies them. The documents are the result of nearly five years of negotiation, actively participated in by your committee since its appointment two years ago. In transmitting them, the Commission desires to record its high appreciation of the work of your committee and especially of the work of its chairman, the President of the Borough of Manhattan.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.
By EDWARD E. McCALL, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

The President of the Borough of Manhattan, Chairman of the Committee on Pending Transit Proposals, offered the following:

Whereas, The Public Service Commission for the First District has forwarded a communication dated March 4, 1913, to the Board of Estimate and Apportionment transmitting for approval proposed certificates, contracts and supplementary agreements for the construction, maintenance and operation of certain elevated railroad extensions, additional tracks and the construction, maintenance, equipment and operation of additional rapid transit railroads and future extensions to the same in the several boroughs of the City, as follows:

Proposed Certificates:

Company.	Line.
Interborough Rapid Transit Company (Railroad extensions)	Webster Avenue, Eighth Avenue and One Hundred and Sixty-Second Street connection, Queensboro Bridge, West Farms Subway Connection.
New York Municipal Railway Corporation (Additional tracks)	Broadway, Fulton Street, Myrtle Avenue.
New York Municipal Railway Corporation (Railroad extensions).....	Jamaica, Liberty Avenue.
Proposed Contracts:	
New York Municipal Railway Corporation	Rapid Transit Railways and Future Extensions of same.
Interborough Rapid Transit Company....	Rapid Transit Railways and Future Extensions of same.

Proposed Supplementary Agreements:

City of New York (acting by Public Service Commission for the First District), Interborough Rapid Transit Company, New York Municipal Railway Corporation, for joint use of tracks over certain sections of the Steinway Tunnel Line, and any extensions thereof.

City of New York (acting by Public Service Commission for the First District), Interborough Rapid Transit Company (as lessee and as grantee) for joint use of tracks for through service.

Now, therefore, be it

Resolved, That the communication and the proposed certificates, contracts and supplementary agreements be received and referred to the Corporation Counsel for his examination, and to the Committee on Pending Transit Proposals for report; and be it further

Resolved, That Tuesday, March 11, 1913, at 10.30 a. m., be and is hereby fixed as the date for consideration of the proposed certificates, contracts and supplementary agreements; and be it further

Resolved, That the Secretary of this Board be and he is hereby directed to publish notice of said date for consideration in the CITY RECORD.

Which was adopted by the following vote:

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

The following matter not on the Calendar for this day was considered by unanimous consent:

New York Railways Company; Municipal Ferry (Staten Island) (No. 5).

The President of the Borough of Manhattan presented the following:

New York Railways Company, 165 Broadway, T. P. Shonts, President, March 6, 1913.

Hon. GEORGE CROMWELL, *President, Borough of Richmond,* New Brighton, New York:

My Dear Sir—During the period of subway negotiations you have many times brought to my personal attention your earnest desire that the Borough of Richmond be placed on equal terms with the other boroughs in that it be given the advantage of a five-cent fare from its borough line to points in Manhattan.

As a result of your interest and presentation of this matter it has been given my most careful consideration, and, recognizing that a considerable period must necessarily elapse before any rapid transit connection can be made between the Borough of Richmond and the other boroughs, I have recently stated to Chairman McCall, of the Public Service Commission, that in order to give to the residents of Staten Island the immediate benefit of a five-cent fare into Manhattan Borough the New York Railways Company is prepared to enter into an arrangement by which passengers may ride upon the Municipal Ferry and upon the cars of the lines of this company terminating at South Ferry for a single fare of five cents, to be divided so that the street car company shall receive three cents and the City two cents.

This plan will give to many ferry passengers who now walk to and from their places of business in Manhattan, or pay a full fare of five cents upon the surface cars, an opportunity to travel in their accustomed manner for a single fare of five cents.

The Borough of Richmond will thus be placed on equal terms with the other boroughs which have the advantage of a five-cent fare from their borough lines to points in Manhattan.

If this offer shall meet with the approval of the Public Service Commission and the Board of Estimate and Apportionment, we shall be prepared to enter into a formal contract containing such reasonable terms as to its termination or modification and provisions for the details of the working arrangements as may be agreed upon after a conference.

Before closing this letter, I wish to express to you my appreciation of your uniform courtesy in all of our negotiations, and to state that the plan as above is the best concession that we can make in response to your constant pleas on behalf of the Staten Island public. Very truly yours,

T. P. SHONTS, President.

Which was referred to the Committee on Pending Transit Proposals, and the Commissioner of Docks made a member of said committee during its consideration of the matter by the following vote:

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

FINANCIAL CALENDAR.

President of the Borough of Queens—Establishment of Grade of Position of Stenographer and Typewriter (Cal. No. 1).

The Secretary presented:

Communication from the Acting President of the Borough of Queens, requesting the establishment of the grade of position of Stenographer and Typewriter at $1,650 per annum.

Which was referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President of the Board of Aldermen.

Register of Kings County—Establishment of Grade of Position of Copyist, and Modification of Schedule (Cal. No. 2).

The Secretary presented:

Communication from the Register of Kings County, requesting the establishment of the grade of position of Copyist at $1,200 per annum, for one incumbent, also for the modification of salary schedule No. 3771 for the year 1913, to include said position.

Which was referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President of the Board of Aldermen, and to the Comptroller.

Department of Education—Fixation of Compensation of Janitors (Cal. No. 3).

The Secretary presented:

Resolution of the Board of Education requesting the fixing of the compensation of Janitors of various school buildings.

Which was referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President of the Board of Aldermen.

(For Cal. No. 4, see No. 133 of Public Improvement Matters.)

President of the Borough of The Bronx—Construction of Industrial Railroad (Cal. No. 5).

Communication from the President of the Borough of The Bronx, stating that he has worked out a plan for the construction of an Industrial Railroad around the southern and eastern portion of The Bronx sufficiently near to the water front to connect with the dock system to be devised by the Dock Commissioner, and requesting the appointment of a committee of three members of the Board of Estimate and Apportionment to consider said plan and the working out of the details thereof, and to report back to the Board as early as possible.

Which was referred to the Comptroller, the President of the Board of Aldermen, and the Presidents of the Boroughs of Manhattan and The Bronx.

Department of Health—Appropriation of $16,000 (Cal. No. 6).

The Secretary presented:

Communication from the Secretary of the Department of Health, requesting the Board to take action on the request of the Board of Health for authority to expend the sum of $16,000 from proceeds of sale of vaccine virus and surplus bacteriological products for the establishment and maintenance of a laboratory at the Municipal Sanatorium, Otisville, New York, and submitting copy of report of the General Medical Officer of said Department concerning the necessity for the establishment, without delay, of bacteriological laboratories.

(On January 30, 1913, the above request was referred to the Comptroller.)

Department of Docks and Ferries—Approval of Form of Contract, Etc. (Cal. No. 7).

The Secretary presented:

Communicated from the Commissioner of Docks, requesting that the resolution adopted February 6, 1913, approving, pursuant to resolution adopted July 11, 1912, form of contract, specifications and estimate of cost for lumber, *be amended* by increasing the estimate of cost for class No. 1 of said contract from $31 per 1,000 feet board measure, to $32 per 1,000 feet board measure, to permit of awarding the contract to the lowest bidder.

Which were referred to the Comptroller.

President of the Borough of Richmond—Issues of $3,600 *and* $1,000 *Corporate Stock* (Cal. No. 8).

The Secretary presented:

Communication from the President of the Borough of Richmond, requesting that the resolutions adopted July 15, 1912, authorizing the issues of $3,600 and $1,000 corporate stock for vehicular transportation and for purchase of supplies and materials, respectively, for the Topographical Bureau, *be amended* by reducing the former authorization to $2,100 and increasing the latter to $2,500.

Department of Education—Issue of $472,200 *Corporate Stock* (Cal. No. 9).

The Secretary presented:

Communication from the Secretary of the Board of Education, transmitting certified copy of resolution adopted by said Board on February 26, 1913, requesting that the sum of $472,200 be determined as the amount to be expended for the construction and equipment of new Public School No. 97 on Mangin street, Manhattan, in pursuance of resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, authorizing a lump sum appropriation for new school buildings, etc.

Department of Education—Issue of $5,600 *Corporate Stock* (Cal. No. 10).

The Secretary presented:

Resolution of the Board of Education, requesting that an additional appropriation of $5,600 for the erection of an iron fence and for regulating and grading the site on Irving and Putnam avenues, Brooklyn, adjacent to the new Bushwick High School, to be used as a temporary athletic field, be made available by rescinding an unexpended balance in the corporate stock authorization for the construction of said High School.

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 Docks and Ferries—Issues of Corporate Stock (Cal. No. 11).

The Secretary presented the following:

Commissioners of the Sinking Fund of The City of New York, February 26, 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, as follows:

1. Recommending to the Board of Estimate and Apportionment that it amend its resolution adopted July 1, 1910, authorizing corporate stock to an amount not exceeding $48,200, to provide means to pay the cost of construction of an extension to the pier at the foot of West 134th street, Manhattan.

2. Recommending to the Board of Estimate and Apportionment that it amend its resolution of July 17, 1911, authorizing corporate stock to provide means for a new ferryboat.

3. Recommending to the Board of Estimate and Apportionment that it amend its resolution of July 17, 1911, authorizing corporate stock to an amount not exceeding $25,000, to provide means for the construction of a pier at Nott avenue, Borough of Queens.

4. Recommending to the Board of Estimate and Apportionment that it amend its resolution adopted July 1, 1910, authorizing corporate stock to an amount not exceeding $16,000, to provide means to pay the cost of construction of a new pier at the foot of Gold street.

5. Recommending to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock to the amount of $6,000 to provide means to pay the cost of the necessary towing in connection with the corporate stock work of the Department of Docks and Ferries.

6. Recommending to the Board of Estimate and Apportionment that it amend its resolution of July 17, 1911, authorizing corporate stock to an amount not exceeding $79,000 to provide means for the construction of a new pier at 135th street, North River.

7. Recommending to the Board of Estimate and Apportionment that it amend its resolution adopted July 17, 1911, authorizing corporate stock to an amount not exceeding $12,000 to provide means for the construction of extension to Pier 43, North River. Very truly yours, JNO. 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 resolution adopted by said Board on July 1, 1910, and approved by the Board of Aldermen on July 5, 1910, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter as amended, and section 180 of the said Charter, and the recommendation of the Commissioners of the Sinking Fund, by resolution adopted June 29, 1910, 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 forty-

eight thousand two hundred dollars ($48,200) for the purpose of providing means to pay the cost of the construction of an extension to the pier at the foot of 134th street, North River, Borough of Manhattan, under the jurisdiction of the Department of Docks and Ferries, and 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 forty-eight thousand two hundred dollars ($48,200), the proceeds whereof to be applied for the purposes aforesaid."

—be amended to make the amount read forty-seven thousand two hundred dollars ($47,200).

A true copy of resolution adopted by the Commissioners of the Sinking Fund, February 26, 1913. JNO. KORB, JR., Secretary.

Resolved, That the Commissioners of the Sinking Fund, pursuant to the provisions of sections 47 and 180 of the Greater New York Charter, hereby recommend that the resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 25, 1911, as follows:

"Resolved, That, pursuant to provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, 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 three hundred thousand dollars ($300,000) to provide means for one new ferry boat, under the jurisdiction of the Department of Docks and Ferries, 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."

—be amended to make the amount authorized three hundred and fifty thousand dollars ($350,000).

A true copy of resolution adopted by the Commissioners of the Sinking Fund, February 26, 1913. JNO. 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 resolution adopted by the said Board on July 17, 1911, and approved by the Board of Aldermen on July 25, 1911, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, 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 twenty-five thousand dollars ($25,000) to provide means for the construction of a pier at Nott avenue, Long Island City, Borough of Queens, under the jurisdiction of the Department of Docks and Ferries, 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 par value of the stock to be applied to the purposes aforesaid."

—be amended to make the amount read twenty-six thousand dollars ($26,000).

A true copy of resolution adopted by the Commissioners of the Sinking Fund, February 26, 1913. JNO. KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of sections 47 and 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend that the resolution adopted by the Board of Estimate and Apportionment on July 1, 1910, and approved by the Board of Aldermen on July 19, 1910, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter as amended and section 180 of the said Charter, and the recommendation of the Commissioners of the Sinking Fund, by resolution adopted June 29, 1910, 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 sixteen thousand dollars ($16,000) for the purpose of providing means to pay the cost of the construction of a new pier at the foot of Gold street, Borough of Brooklyn, under the jurisdiction of the Department of Docks and Ferries, and 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 sixteen thousand dollars ($16,000), the proceeds whereof to be applied for the purposes aforesaid."

—be amended to make the amount authorized ten thousand dollars ($10,000).

A true copy of resolution adopted by the Commissioners of the Sinking Fund, February 26, 1913. JNO. KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter as amended, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the Comptroller be authorized to issue corporate stock to the amount of six thousand dollars ($6,000), in the manner provided by section 169 of the Greater New York Charter, the proceeds to the amount of the par value of the stock to be used to provide means to pay the cost of necessary towing in connection with corporate stock work of the Department of Docks and Ferries.

A true copy of resolution adopted by the Commissioners of the Sinking Fund, February 26, 1913. JNO. KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of sections 47 and 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the resolution adopted by the said Board of Estimate and Apportionment on July 17, 1911, and approved by the Board of Aldermen on July 25, 1911, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of said Charter, and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, 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 seventy-nine thousand dollars ($79,000) to provide means for the construction of a new pier at 135th street, North River, under the jurisdiction of the Department of Docks and Ferries, 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 purpose aforesaid."

—be amended to make the amount authorized seventy-six thousand dollars ($76,000).

A true copy of resolution adopted by the Commissioners of the Sinking Fund, February 26, 1913. JNO. KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of sections 47 and 180 of the Greater New York Charter, as amended, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, and approved by the Board of Aldermen on July 25, 1911, as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, 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 twelve thousand dollars ($12,000) to provide means for the construction of extension to Pier 43, North River, under the jurisdiction of the Department of Docks and Ferries, 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."

—be amended to make the amount authorized fifteen thousand dollars ($15,000).

A true copy of resolution adopted by the Commissioners of the Sinking Fund, February 26, 1913. JNO. KORB, JR., Secretary.

The following resolution was offered:

Resolved, That, in accordance with the recommendation of the Commissioners of the Sinking Fund, by resolution adopted February 26, 1913, and subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment July 1, 1910, and approved by the Board of Aldermen on July 5, 1910, which reads as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter, and the recommendation of the Commissioners of the Sinking Fund, by resolution adopted June 29, 1910, 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 *forty-eight thousand two hundred dollars* ($48,200), for the purpose of providing means to pay the cost of the construction of an extension to the pier at the foot of 134th street, North River, Borough of Manhattan, under the jurisdiction of the Department of Docks and Ferries, and 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 *forty-eight thousand two hundred dollars* ($48,200), the proceeds whereof to be applied for the purposes aforesaid;"

—be and the same is hereby amended to make the amount authorized read *forty-seven thousand two hundred dollars* ($47,200).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, in accordance with the recommendation of the Commissioners of the Sinking Fund, by resolution adopted February 26, 1913, and subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment July 17, 1911, and concurred in by the Board of Aldermen on July 25, 1911, which reads as follows:

"Resolved, That, pursuant to provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, 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 *three hundred thousand dollars* ($300,000), to provide means for one new ferry boat, under the jurisdiction of the Department of Docks and Ferries, 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;"

—be and the same is hereby amended to make the amount authorized read *three hundred and fifty thousand dollars* ($350,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, in accordance with the recommendation of the Commissioners of the Sinking Fund, by resolution adopted February 26, 1913, and subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment July 17, 1911, and approved by the Board of Aldermen on July 25, 1911, which reads as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, 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 *twenty-five thousand dollars* ($25,000), to provide means for the construction of a pier at Nott avenue, Long Island City, Borough of Queens, under the jurisdiction of the Department of Docks and Ferries, 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 par value of the stock to be applied to the purposes aforesaid;"

—be and the same is hereby amended to make the amount authorized read *twenty-six thousand dollars* ($26,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, in accordance with the recommendation of the Commissioners of the Sinking Fund, by resolution adopted February 26, 1913, and subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment July 1, 1910, and approved by the Board of Aldermen on July 19, 1910, which reads as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter and the recommendation of the Commissioners of the Sinking Fund, by resolution adopted June 29, 1910, 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 *sixteen thousand dollars* ($16,000), for the purpose of providing means to pay the cost of the construction of a new pier at the foot of Gold street, Borough of Brooklyn, under the jurisdiction of the Department of Docks and Ferries, and 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 *sixteen thousand dollars* ($16,000), the proceeds whereof to be applied for the purposes aforesaid;"

—be and the same is hereby amended to make the amount authorized read *ten thousand dollars* ($10,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 February 26, 1913, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not to exceed six thousand dollars ($6,000) for the purpose of providing means to pay the cost of necessary towing in connection with corporate stock work of the Department of Docks and Ferries, and the Comptroller be and is hereby 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 six thousand dollars ($6,000), 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 following vote:

Affirmative—The Mayor, the Comptroller, the 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, in accordance with the recommendation of the Commissioners of the Sinking Fund by resolution adopted February 26, 1913, and subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment July 17, 1911, and approved by the Board of Aldermen on July 25, 1911, which reads as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of said Charter, and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, the Board of Estimate and Apportionment hereby approves of the issue of cor-

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porate stock of The City of New York to an amount not exceeding *seventy-nine thousand dollars* ($79,000) to provide means for the construction of a new pier at 135th street, North River, under the jurisdiction of the Department of Docks and Ferries, 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 purpose aforesaid."

—be and the same is hereby amended to make the amount authorized read *seventy-six thousand dollars* ($76,000).

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, in accordance with the recommendation of the Commissioners of the Sinking Fund by resolution adopted February 26, 1913, and subject to the concurrence herewith by the Board of Aldermen, the resolution adopted by the Board of Estimate and Apportionment July 17, 1911, and approved by the Board of Aldermen on July 25, 1911, which reads as follows:

"Resolved, That, pursuant to the provisions of section 47 of the Greater New York Charter, as amended, and section 180 of the said Charter and the recommendation of the Commissioners of the Sinking Fund by resolution adopted July 12, 1911, 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 *twelve thousand dollars* ($12,000) to provide means for the construction of extension to Pier 43, North River, under the jurisdiction of the Department of Docks and Ferries, 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."

—be and the same is hereby amended to make the amount authorized read *fifteen thousand dollars* ($15,000).

Which was adopted by the following vote:

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

Fire Department—Issues of Corporate Stock (Cal. No. 12).

The Secretary presented:

Communication from the Fire Commissioner, requesting the rescission of unencumbered balances in various corporate stock authorizations for the erection of new fire houses for the purpose of making available additional appropriations for the same purpose.

Department of Public Charities—Issue of $15,000 *Corporate Stock* (Cal. No. 13).

The Secretary presented:

Communication from the Commissioner of Public Charities, requesting the Board to immediately authorize the issue of $15,000 corporate stock for furniture and equipment of the new City Children's Hospital of the Kings County Hospital.

Department of Education—Issue of $1,400,000 *Corporate Stock* (Cal. No. 14).

The Secretary presented:

Resolution of the Board of Education, requesting an appropriation of $1,400,000 for fire protection work in all boroughs, as called for by orders of the Bureau of Fire Prevention.

Department of Parks, Borough of The Bronx—Issue of $18,500 *Corporate Stock* (Cal. No. 15).

The Secretary presented:

Communication from the Commissioner of Parks, Borough of The Bronx, withdrawing request presented to the Board on February 6, 1913, and referred to the Corporate Stock Budget Committee, for the rescission of $18,500 corporate stock for rebuilding the cribwork along the Harlem River at McComb's Dam Park and for the construction of manure pits adjacent to park stations.

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 Docks and Ferries—West Waterfront and Terminal Facilities, Borough of Manhattan (Cal. No. 16).

The Secretary presented:

Communication from the Commissioner of Docks relative to the west water front of the Borough of Manhattan and the factors entering into the reorganization of the terminal facilities.

Which was referred to the Committee on Terminal Improvements, consisting of the President of the Board of Aldermen, the Comptroller, the President of the Borough of Manhattan and the Chief Engineer of the Board of Estimate and Apportionment.

President of the Borough of Queens—Commissioner of Public Works, Appointment of (Cal. No. 17).

The Secretary presented the following, which was ordered printed in the Minutes and filed:

City of New York, Office of the President of the Borough of Queens, Long Island City, March 1, 1913.

Hon. William J. Gaynor, *Mayor of The City of New York,* City Hall, New York City, N. Y.:

Sir—I beg to inform you that Joseph Flanagan, of Corona, Borough of Queens, City of New York, has been appointed Commissioner of Public Works of the Borough of Queens, effective March 4, 1913.

In accordance with section 383 of the Charter of The City of New York, I have this day designated him as such Commissioner of Public Works for the Borough of Queens, to act in my place and stead and to perform all the administrative powers of the President of the Borough of Queens; and in connection therewith to sign all requisitions, orders, payrolls, open market orders and miscellaneous vouchers, and generally to perform all duties in relation thereto that may devolve by law upon the President of the Borough of Queens.

This designation and authority is to be effective until further notice, thereby revoking all similar designations now in force and effect. Respectfully yours,

MAURICE E. CONNOLLY, President of the Borough of Queens.

Public Service Commission—Approval of and Consent to Award of Contract, Etc., for Construction of Section 3, Routes 36 and 37 of the Subway (Cal. No. 18).

(On February 20, 1913, this matter was laid over and ordered kept on the calendar to be acted upon when the operating contracts, pending before the Public Service Commission, were transmitted to the Board.)

The Secretary presented the following:

State of New York, Public Service Commission for the First District, February 10, 1913.

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. 3 of Routes No. 36 and 37, being that portion of the proposed Astoria, Woodside and Corona Rapid Transit Railroad, which begins at a point on Queens boulevard in the Borough of Queens about two hundred and seventy (270) feet northwest of the westerly line of Van Dam street and extends thence along and over Queens boulevard, Greenpoint avenue, Skillman avenue and Roosevelt avenue to a point over Roosevelt avenue about seventy (70) feet east of the easterly line of Sycamore avenue (Albertus avenue).

The Public Service Commission for the First District requests your Honorable Board to consent to the said contract herewith transmitted 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, sixty-three thousand, five hundred and eighty-eight dollars ($2,063,588), and also 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 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.

The Public Service Commission for the First District does hereby, pursuant to Section 45 of the Greater New York Charter, make request for the authorization of such corporate stock for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit, the sum of two million, sixty-three thousand, five hundred and eighty-eight dollars ($2,063,588).

In Witness Whereof, the Public Service Commission for the First District has caused its official seal to be hereto affixed and attested by its Secretary and these presents to be signed by its Chairman, this 10th day of February, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By Edward E. McCall, Chairman.

Attest: Travis H. Whitney, Secretary.

Resolved, That this Commission hereby accepts the proposal of E. E. Smith Contracting Company, dated February 7, 1913, for the construction of Section No. 3 of Routes No. 36 and 37, being that portion of the proposed Astoria, Woodside and Corona Rapid Transit Railroad which begins at a point on Queens boulevard, in the Borough of Queens, about 270 feet northwest of the westerly line of Van Dam street and extends thence along and over Queens boulevard, Greenpoint avenue, Skillman avenue and Roosevelt avenue to a point over Roosevelt avenue about 70 feet east of the easterly line of Sycamore avenue (Albertus avenue), the aggregate of the unit prices in the proposal amounting to two million, sixty-three thousand, five hundred eighty-eight and 00-100 Dollars ($2,063,588.00).

Resolved, That the Chairman and the Secretary be and hereby are authorized and directed on behalf of the Commission to execute a contract in the 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 said E. E. Smith Contracting Company with the requirements of the Invitation to Bidders attached to said proposal.

Resolved, That the Chairman and the Secretary be and hereby are authorized and directed to request the Board of Estimate and Apportionment to consent to said contract and to prescribe a limit to the amount of bonds available to meet the requirements of said contract, to wit, the sum of two million, sixty-three thousand, five hundred eighty-eight and 00-100 dollars ($2,063,588.00), 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, sixty-three thousand, five hundred eighty-eight and 00-100 Dollars ($2,063,588.00).

Resolved, That the Secretary give notice to 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 as required by law.

Resolved, That it be referred to Counsel to the Commission to inquire into the sufficiency of the sureties or securities proposed to be given by said E. E. Smith Contracting Company and on behalf of the Commission to do any such act as may be necessary or incidental to the furnishing of a proper bond or securities.

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 February 7, 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 10th day of February, 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 Construction of a Part of the Astoria, Woodside and Corona Rapid Transit Railroad, Routes Nos. 36 and 37, Section No. 3.

Form finally adopted by the Commission Jan. 21, 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 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. 3 of the Astoria, Woodside and Corona Rpaid 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. 3. Beginning at a point on Queens Boulevard in the Borough of Queens about two hundred and seventy (270) feet northwest of the westerly line of Van Dam st. and extending thence along and over Queens blvd., Greenpoint ave., Skillman ave. and Roosevelt ave. to a point over Roosevelt ave. about seventy (70) feet east of the easterly line of Sycamore ave. (Albertus ave); with local stations at Rawson st., Lowery st., Bliss st., Lincoln ave., Broadway, 25th st., Elmhurst ave. and Sycamore ave., and with express stations at Woodside ave. and Junction ave.

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, or to provide or lay broken stone or ballast on the reinforced concrete elevated Railroad, nor to do station finish work except such station finish work as is specifically required to be done.

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 of all buildings, monuments, surface 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 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 eighteen (18) 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 7th day of February, 1913, at twelve (12) o'clock noon, 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 quantites 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. 3,"* 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 fifty thousand ($50,000) 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 the sum of one hundred thousand ($100,000) dollars. 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 amounts 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, January 21, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By WILLIAM R. WILLCOX, Chairman.

TRAVIS H. WHITNEY, Secretary.

Public Service Commission for the First District—Contract for the Construction of a Part of a Rapid Transit Railroad, Routes No. 36 and 37, Section No. 3.

Approved as to form this .. day of January, 1913.

....., Acting Corporation Counsel.

RAPID TRANSIT RAILROAD.

CONTRACT.

Routes Nos. 36 and 37—Section No. 3.

Agreement made this day of February, 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 E. E. Smith Contracting 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 Commission on October 10, 1911, and which is known as the Fifty-ninth Street, Woodside and Astoria Route, or Route No. 36, and part of a certain route adopted by the Commission on October 10, 1911, and which is known as the Roosevelt Avenue Route, or Route No. 37. Route No. 36 and Route No. 37 combined form the Astoria, Woodside and Corona Rapid Transit Railroad, or Routes 36 & 37. The part of Routes 36 & 37 to be constructed under this contract consists of:

Section No. 3.

From Van Dam Street and Queens Boulevard to Sycamore Avenue and Roosevelt Avenue.

Beginning at a point on Queens Boulevard in the Borough of Queens about two hundred and seventy (270) feet northwest of the westerly line of Van Dam Street and extending thence along and over Queens Boulevard, Greenpoint Avenue, Skillman Avenue and Roosevelt Avenue to a point over Roosevent Avenue about seventy (70) feet east of the easterly line of Sycamore Avenue (Albertus Avenue); with local stations at Rawson Street, Lowery Street, Bliss Street, Lincoln Avenue, Broadway, 25th Street, Elmhurst Avenue and Sycamore Avenue, and with express stations at Woodside Avenue and Junction Avenue.

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, 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, 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 along the route, 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, 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 all work, labor and material in connection therewith, 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 I-B. For Column Excavation, as specified in Section No. 74, the sum of One 75-100 dollars ($1.75) per cubic yard.

Item 1-C. For Railroad Duct Excavation, as specified in Section No. 74, the sum of One 25-100 dollars ($1.25) per cubic yard.

Item 6. For concrete masonry, in place, the sum of Six 00-100 dollars ($6.00) per cubic yard.

Item 6-A. For concrete masonry for the reinforced concrete elevated Railroad, in place, the sum of Seven 20-100 dollars ($7.20) per cubic yard.

Item 6-B. For natural cement finish for the reinforced concrete elevated Railroad, in place, the sum of Seventeen ½ Cents ($17½-100) per square yard.

Item 6-C. For mortar faced finish for the reinforced concrete elevated Railroad, in place, the sum of Ninety Cents ($90-100) per square yard.

Item 6-D. For inlaid colored tile, in place, the sum of One 60-100 dollars ($1.60) per square foot.

Item 6-E. For granolithic surface finish for platforms of stations on the reinforced concrete elevated Railroad, in place, the sum of Fourteen Cents ($14-100) per square foot.

Item 6-F. For concrete copings around stairwells for stations on the reinforced concrete elevated Railroad, in place, the sum of Forty Cents ($40-100) per lineal foot.

Item 9. For brick masonry, in place, the sum of Twelve 00-100 dollars ($12.00) per cubic yard.

Item 12. For timber piles, in place and prepared, the sum of Thirty-five Cents ($35-100) per lineal foot.

Item 13. For timber foundations, placed and fastened, the sum of Fifty 00-100 dollars ($50.00) per thousand feet, board measure.

Item 15. For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:

(b) For two-ply, the sum of Fifty Cents ($50-100) per square yard.

(d) For four-ply, the sum of Ninety Cents ($90-100) per square yard.

Item 17. For vitrified pipe, in place, as follows:

(e) For four (4) inch vitrified pipe, the sum of Thirty Cents ($30-100) 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 Fifty-five Cents ($55-100) per lineal foot.

(b) For four (4) inch, the sum of Seventy Cents ($70-100) per lineal foot.

(c) For six (6) inch the sum of One 00-100 dollars ($1.00) per lineal foot.

(d) For eight (8) inch, the sum of Two 00-100 dollars ($2.00) per lineal foot.

Item 18-A. For Railroad ducts in place as required by Section No. 221 of the Specifications, the sum of Twelve ½ Cents ($12½-100) per duct foot.

Item 19. For riveted steel, painted and erected, the sum of Sixty 00-100 dollars ($60.00) 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) per ton of two thousand pounds.

Item 21. For steel rods and bars built in concrete, the sum of Forty-eight 00-100 dollars ($48.00) per ton of two thousand pounds.

Item 25-A. For miscellaneous iron castings such as column fenders, manhole heads and covers, gratings, water, gas or other straight pipes, etc., in place, the sum of Sixty 00-100 dollars ($60.00) per ton of two thousand pounds.

Item 25-B. For new cast-iron hub and spigot pipe, special castings, in place, the sum of Seventy 00-100 dollars ($70.00).

Item 26. For special wire forms, in place, the sum of Ten Cents ($10-100) per pound.

Item 30. For street surface restored:

(*h*) For all surfaces of whatever character as required in Section No. 225, the sum of One 75-100 dollars ($1.75) 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 ($30-100) per lineal foot.

(*b*) For one and one-half (1½) inch wrought-iron conduits, the sum of Forty-five Cents ($45-100) per lineal foot.

(*d*) For one (1) inch wrought-iron conduits, the sum of Thirty-five Cents ($35-100) per lineal foot.

Item 33. For cast-iron outlet boxes, in place, the sum of Seventy-five Cents ($75-100) each.

Item 33-A. For cast-iron pull boxes, in place, the sum of Eight 00-100 dollars ($8.00) each.

Item 75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary, as follows:

(*c*) For electric (overhead trolley) railroads, the sum of Two 00-100 dollars ($2.00) per lineal foot of single track.

Item 128. For steel and iron stairways for the reinforced concrete elevated Railroad (including stringers), in place, the sum of Two 25-100 dollars ($2.25) per lineal foot of tread.

Item 129. For steel and iron stairway platforms (including stringers), in place, the sum of Two 00-100 dollars ($2.00) per square foot of platform.

Item 130. For sixteen (16) ounce copper flashing for canopies of the stations on the reinforced concrete elevated Railroad, in place, the sum of Forty Cents ($40-100) per square foot.

Item 131. For three (3) inch wrought iron pipe, in place, the sum of Forty Cents ($40-100) 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.

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.

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 differences 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 bear date January 3, 1913, are each countersigned by the Engineer, are stamped with the seal of the Commission, bear the general title:

ROUTES No. 36 AND 37. SECTION No 3.

Contract Drawing No.

and are designated or numbered as follows:

Nos. A-1 to A-10 inclusive, C-1 to C-14 inclusive (C-10, dated December 14, 1912), C-501 to C-504 inclusive and C-1001. Some of these drawings also apply to Sections 2 and 4 of Routes No. 36 and 37, and are so marked.

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. 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, 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 Steel and Iron.
14 Painting.
15 Ducts.
16 Surfaces Restored.
17 Reinforced Concrete Elevated Railroad.
18 Waterproofing.
19 Conduits.
20 Drains.
21 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 elevated railroad. 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 under this contract to provide or lay tracks or ties on any part of the Railroad, or to provide or lay broken stone or ballast on the reinforced concrete elevated Railroad.

Stations are to be constructed at such places as are indicated on the plans, but station finish work, except as specifically required to be done, 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 coincidentally 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.

2.

General Clauses.

Best Quality of Work.

Section No. 12. 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. 13. 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. 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. 14. 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. 15. 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. 16. 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 material needed for construction has been acquired and is available. Such permits are to be in such form and to cover such portions of the work as the Commission shall prescribe.

When to Be Filed with Borough President.

Section No. 17. 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 days, unless the Engineer shall expressly direct work to begin within a less period.

Notice Regarding Commencement of Work.

Section No. 18. Before commencing work on any part of the route, 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.

Methods of Construction.

Section No. 19. Detailed plans showing the proposed methods of construction shall be submitted to the Engineer and receive his approval before permits will be granted and before such plans are put in operation.

Ordinances and Regulations.

Section No. 20. 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. 21. Whenever the construction of the Works under the provisions of this contract shall interfere with, disturb or endanger any sewer, waterpipe, gaspipe, or other duly authorized sub-surface 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 sub-surface structures so interfered with, disturbed or endangered.

Building and Water Permits, Shut-Offs for Water Pipes, etc.

Section No. 22. The Contractor 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, 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. 51 of the specifications.

Storage on Streets.

Section No. 23. Along the streets occupied by the Railroad and on cross-streets adjacent thereto, only 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.

Material Stored.

Section No. 24. 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. 25. In any case material may only be so stored 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. 26. 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.

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 pole 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. 27. 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. 28. 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. 29. 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.

Conveniences for Men.

Section No. 30. 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. 31. 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.

Advertisements Forbidden.

Section No. 32. 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. 33. 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. 34. 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. 35. 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. 36. 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. 37. 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. 38. 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. 39. 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. 40. 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. 41. 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.

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General Manner of Prosecution and Maintenance of Traffic.

Access to Buildings, etc.

Section No. 42. No building shall, without the consent of the occupant, and after notice to the Engineer, be deprived of means of access thereto; and, where necessary, suitable means shall be provided, 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. 43. 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. 44. 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. 45. All necessary facilities are to be furnished by the Contractor for the benefit of street travel, both on longitudinal and cross streets.

Close Observance of Above Requirements.

Section No. 46. 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.

4

Street Railroad Tracks, Mains and Other Surface, Subsurface and Overhead Structures.

Notice to be Given.

Section No. 47. 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. 48. 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 (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. 49. Whenever it becomes necessary to cut, move, change or reconstruct any surface, subsurface or overhead structures, or connections therewith (as more particularly enumerated in article 10), such work shall be done in accordance with the standard specifications and reasonable requirements of the several owners or of the Borough President or Commissioner of Water Supply, Gas and Electricity or other officer or local authority having the care of and the jurisdiction or control over such structures, except as elsewhere herein specifically provided.

Reasonable Dispatch.

Section No. 50. 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. 51. 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 appurtenances encountered or affected during the prosecution of his work. 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 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 appurtenances made by the Contractor for his own convenience in executing his work, shall be done at the Contractor's own expense.

Necessary Permanent Changes.

Section No. 52. Payment for all changes of surface, subsurface or overhead structures and appurtenances, including all work, labor and material incidental thereto, made necessary because of physical interference with the Railroad structure and requiring their removal, relaying or reconstruction in other than their original positions, is included: In the cases of surface and overhead structures, in the price stipulated in the *Schedule* for riveted steel, *Item* 19; in the case of subsurface structures, in the prices stipulated in the *Schedule* for Column Excavation and Railroad Duct Excavation, *Items* 1-*B and* 1-*C;* except as otherwise herein specifically provided under other *Schedule Items.*

In the design of the Railroad structure it is intended to avoid physical interference with surface, subsurface and overhead structures as far as in the judgment of the Engineer it may be reasonably practicable to do so.

Maintenance of Surface Railroads.

Section No. 53. The Contractor shall maintain and support both temporarily and permanently, in a manner that will cause the minimum interference with traffic, and 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; and he shall construct trolley-wire troughs or other insulating protection under the Railroad structure. Payment therefor will be at the rate specified in *Schedule Item* 75, which price will include the cost of all work, labor and material incidental thereto, which means that such work, labor and material will not be paid for under any other *Schedule Item.* The work of rebuilding tracks mentioned herein is not intended to include the movement of tracks laterally, but only such work as is incidental to the construction of the Railroad; except that at stations the track nearest the structure will be moved laterally.

Trolley troughs and insulating protection shall be similar to such constructions under the elevated extensions of the existing Manhattan-Bronx Rapid Transit Railroad constructed under the contract of February 21, 1900, between the City and John B. McDonald in The Bronx on the Broadway and West Farms divisions.

Facilities to be Given to Make Extensions.

Section No. 54. 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. 55. Special care must be taken to avoid damage wherever excavations are being made. The width of such excavations 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 dimensions 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.

Depth of Excavation.

Section No. 56. All excavations 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 or special foundation as shown on the plans or as may be deemed necessary by the Engineer. But in the case of column foundations on ledge rock in place the surface of the rock shall be carefully cleaned of loose and rotten rock and roughly brought to a horizontal surface; except that where such rock is less than five (5) feet below the surface it shall be excavated to a depth of at least five (5) feet below the surface.

Sides to be Secured.

Section No. 57. 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. 58. 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.

Sheeting.

Section No. 59. 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.

Timber for Temporary Purposes.

Section No. 60. 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. 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. 61. The cost of the removal, where necessary, of all walls or other parts of vaults of abutting property that are within the ordered net lines of any excavation is included in such excavation as provided in Section No. 70, but the restoration of all such walls or other parts of vaults originally within the ordered net lines of such excavation 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 such excavation, which shall be at the Contractor's own cost and expense.

Vaults Disturbed.

Section No. 62. 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.

Blasting.

Section No. 63. Whenever rock or other material requiring blasting is encountered in any excavation, 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. 64. 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. 65. Whenever any pipe or main is encountered in or alongside of the excavation, right is reserved to direct that all rock within five (5) feet of the same shall be removed by means other than blasting.

Pumping.

Section No. 66. Whenever water is encountered in excavations, 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 cloth, 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 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. 67. 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. 68. 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. 69. 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.

Section No. 70. All excavations include the excavation of all materials of whatever nature encountered in the excavations, including earth above and below mean high water, ledge rock in place, boulders and other materials requiring blasting. Excavation shall be classified and paid for as either:

Column Excavation, Definition of.

(1) Column Excavation, which includes all excavation for Railroad column foundations and for all subsurface structures required to be removed, relaid or reconstructed in other than their original locations or otherwise changed because of their physical interference with Railroad column foundations, or

Railroad Duct Excavation, Definition of.

(2) Railroad Duct Excavation, which includes all excavation for Railroad ducts and Railroad duct manholes and their appurtenances and for all subsurface structures required to be removed, relaid or reconstructed in other than their original locations or otherwise changed because of their physical interference with Railroad ducts or Railroad duct manholes.

Ordered Net Lines of Excavation and Measurement.

Section No. 71. The ordered net lines of excavation and the measurements for payment therefor will be determined as follows:

(1) Column foundations and duct manholes: In excavation for Railroad column foundations and Railroad duct manholes the ordered net lines of excavation and the measurements therefor, except such portion as may be in rock, shall include the total excavation from the street surface to the bottom of the column foundation or the bottom of the duct manhole, within vertical planes one and one-half (1½) feet outside of the net outside lines of the bottom of such column foundation or duct manhole, as ordered or indicated on the plans.

In such portion of the excavation for Railroad column foundations and Railroad duct manholes as may be in rock the ordered net lines of excavation and the measurements therefor shall include the total excavation from the surface of the rock to the bottom of the column foundation or the bottom of the duct manhole, within vertical planes six (6) inches outside of the net outside lines of the bottom of such column foundation or duct manhole, as ordered or indicated on the plans.

(2) Railroad ducts: In excavation for Railroad ducts the ordered net lines of excavation and the measurements therefore shall include the total excavation from the street surface to the bottom of the duct structure within vertical planes passing through the net outside lines of such duct structure, as ordered or indicated on the plans.

(3) *Subsurface structures:* In excavation for subsurface structures required to be removed, relaid or reconstructed in other than their original locations or otherwise changed because of their physical interference with railroad column foundations or Railroad ducts or Railroad duct manholes the ordered net lines of excavation and the measurements therefor will be as follows:

(a) *Electric ducts and pipe conduits:* In excavation for electric ducts and pipe conduits, other than Railroad ducts, the ordered net lines of excavation and the measurements therefor shall include the total excavation from the street surface to the bottom of such ducts or pipe conduits within vertical planes passing through the net outside lines of such ducts or pipe conduits; provided, however, that if such ducts or pipe conduits shall consist of a single conduit or a group of conduits not enclosed in concrete, then the ordered net lines of excavation and the measurements therefor shall include the total excavation from the street surface to the extreme bottom of such single conduit or group of conduits within vertical planes one (1) foot outside the net outside lines of such single conduit or group of conduits.

(b) *Pipes:* In excavation for pipes the ordered net lines of excavation and the measurements therefor, except such portion as may be in rock, shall include the total excavation from the street surface to a depth of six (6) inches below the interior diameter of the pipe within a trench two (2) feet wider than the interior diameter of the pipe; provided, however, that where in the opinion of the Engineer the trench for laying pipes 30 inches or more in diameter is required to be close sheeted and the trench is so sheeted, the ordered net lines of excavation and the measurements therefor, except such portions as may be in rock, shall include the total excavation from the street surface to a depth of six (6) inches below the interior diameter of the pipe within a trench three (3) feet wider than the interior diameter of the pipe.

In such portion of the excavation for pipes as may be in rock the ordered net lines of excavation and the measurements therefor shall include the total excavation from the surface of the rock to a depth of eight (8) inches below the interior diameter of a 20-inch or smaller pipe and twelve (12) inches below the interior diameter of a pipe of larger diameter within a trench two (2) feet wider than the interior diameter of the pipe. No allowance will be made for the removal of rock under the bells to give the required clearance.

(c) *Valve chambers and other structures:* In excavation for valve chambers and for valves, valve boxes and hydrants, the ordered net lines of excavation and the measurements therefor shall include the total excavation from the street surface to the lowest part of such valve chamber or other structure within vertical planes one (1) foot outside of the net outside lines of the bottom of such valve chamber or other structure.

(d) *Other subsurface structures:* For all other subsurface structures the ordered net lines of excavation will be as directed by the Engineer.

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 whasoever, the cubical contents of the intersection will be allowed only once. Under no circumstances will a double allowance be made for any excavation.

No deduction from the amount of excavation to be allowed as aforesaid will be made on account of vault space or spaces occupied by pipes or other subsurface structures.

No Allowance Outside of Ordered Net Lines.

Section No. 72. There will be no measurement or allowance made nor money paid for excavation outside (in plan or depth) the ordered net lines of excavation as indicated in Section No. 71; and no allowance shall be made for any excess excavation caused by slips or slides. It is understood and agreed that the Contractor has estimated and allowed for all such matters in *Schedule Items* 1-*B and* 1-*C*.

Payment for Excavation.

Section No. 73. Column Excavation shall be paid for at the price stipulated in *Schedule Item* 1-*B;* Railroad Duct Excavation at the price stipulated in *Schedule Item* 1-*C*.

Prices for Excavation to Include.

Section No. 74. The prices herein stipulated for Column Excavation and Railroad Duct Excavation, *Schedule Items* 1-*B and* 1-*C* respectively, are to include the cost of excavating, of the disposal of the materials excavated, of backfilling, of all sheeting and bracing, of maintaining and supporting of openings during and after excavation, of all pumping or bailing, and of the maintenance, support, removal, reconstruction, with all incidental work, labor and material of any kind, of all subsurface structures and surfaces of whatever nature and their appurtenances, payment for which is not herein elsewhere *specifically* provided for under other *Schedule Items*.

6.

BACKFILLING.

Quality of Material—How Placed.

Section No. 75. Wherever necessary, excavations shall be back-filled 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.

Subsurface Structures—Frozen Material Not Permitted.

Section No. 76. 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. 77. 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 back-filled, but if directed by the Engineer the sheeting shall be left in place.

How Paid For.

Section No. 78. The cost of backfilling is to be included in the prices paid for Column Excavation and Railroad Duct Excavation, Schedule Items 1-B and 1-C respectively.

7

PILING AND TIMBERING.

Character of Piles.

Section No. 79. 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. 80. 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. 81. 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, including all work, labor and material in connection therewith, 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. 82. 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. 83. Payment for piles other than timber piles will be as provided in Article XII. of the contract.

Grillage.

Section No. 84. Timber grillage foundations shall be built if so directed by the Engineer.

Foundation Timber.

Section No. 85. 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. 86. 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, including all work, labor and material in connection therewith, will be as provided in Schedule Item 13.

8

CEMENT.

Portland Cement.

Section No. 87. 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. 88. 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. 89. 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. 90. 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. 91. 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. 92. 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. 93. 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. 94. 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. 95. 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. 96. 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 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) 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. 97. 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. 98. All cement shall be held in storage to allow ample time for masonry shall be one (1) part cement to two (2) parts sand; for pointing, one (1) test to be made before the cement is required for use in the work.

Masonry.

How Contained.

Section No. 99. 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. 100. The Contractor shall at all times keep in store on the work, or at some point convenient thereto, a sufficient 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 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. 101. 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. 102. 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 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.

10.

MASONRY.

Laid in Portland Cement.

Section No. 103. 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. 104. Care must be taken that no water shall interfere with the proper laying of masonry in any of its parts.

Freezing Weather.

Section No. 105. During freezing weather such masonry only shall be built whose construction, in the judgment of the Engineer, can not be postponed, except at the cost of delaying the work. The Contractor shall provide such appliances as are necessary for heating the water and the materials used in the masonry according to the specific instructions of the Engineer

Protected in Freezing Weather.

Section No. 106. 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. 107. 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. 108. 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. 109. 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.

When Pointing Permitted.

Section No. 110. 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. 111. 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.

11.

*CONCRETE.

How Composed.

Section No. 112. The concrete shall be composed of gravel or broken stone, or mixture of both, free from all dust and dirt, and mixed together with the proportion of mortar specified below.

Sand.

Section No. 113. Sand for concrete shall be of the kind herein specified for mortar.

Stone.

Section No. 114. 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. 115. 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. 116. 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. 117. The proportions of cement, sand and stone (or gravel) used in making concrete shall be one (1) part of cement, two (2) parts of sand and four (4) parts of stone.

Mixing by Machine.

Section No. 118. 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.

Mixing by Hand.

Section No. 119. 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. 120. 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.

Time for Hardening.

Section No. 121. 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. 122. Before laying concrete on rock surfaces the latter shall be carefully cleaned of loose and rotten rock and roughly brought to a horizontal surface, and when laid on earth the earth shall be rammed as directed before placing the concrete.

Surface Rough for Bonding.

Section No. 123. 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. 124. 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. 125. Suitable forms shall be provided by the Contractor to support the concrete while being placed. These forms shall be immediately replaced by new ones as soon as they commence to lose their proper shape. The forms shall be made of wood or metal.

Section No. 126. The forms if made of wood, shall be made of boards with tight joints, tongued and grooved if required by the Engineer.

Forms, How Set—Defective Work Replaced.

Section No. 127. The forms shall be set true to line, firmly secured, and be so tight as not to allow water in the mortar to escape. On the removal of the forms if there are voids 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. 128. Where reinforcement steel 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.

Concrete, How Measured and Paid For.

Section No. 129. 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 price stipulated in Schedule Item 6, which price is to include the cost of all scaffolding, centres, forms, etc., and removing the same, and all work, labor and material incidental thereto.

Backing or Filling Concrete, Not Paid For.

Section No. 130. No concrete backing or filling outside of the ordered net lines of the structure will be paid for.

12.

BRICK MASONRY.

Quality.

Section No. 131. 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.

How Laid.

Section No. 132. 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. 133. 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.

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* See also subdivision 17.

No "Bats" or Culls.

Section No. 134. 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. 135. 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.

Measurements and Payments.

Section No. 136. 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; this price is 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, labor and material incidental thereto.

13.

Steel and Iron.

Open Hearth Process.

Section No. 137. Steel shall be made by the open hearth process.

Chemical and Physical Properties.

Section No. 138. 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.)	Ult. Ten	Ult. Ten	20% in 2" Silky or
Fracture.....	Str. Silky.	Str. Silky.	Fine granular
Cold Bend.....	180° flat.	180° flat.	120° (d.=3t.)

Yield Point.

Section No. 139. 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.

Ductility Elongation.

Section No. 140. In determining the ductility, the elongation shall be measured after breaking on an original length as specified, in which length shall occur the curve of reduction each side of the point of fracture.

Chemical Determinations.

Section No. 141. 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.

Test Pieces.

Section No. 142. 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.

Rivet Rods.

Section No. 143. Rivet rods shall be tested as rolled.

Where Taken From.

Section No. 144. For rollers and pins the specimens shall be cut from the finished bar so that the center of the specimen shall be one inch from the outside of the bar.

Steel Castings.

Section No. 145. 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.

Treatment of Test Specimens.

Section No. 146. 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.

Rolled steel shall be tested in the condition in which it comes from the rolls.

Number of Tests.

Section No. 147. 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.

Duplicate Tests.

Section No. 148. If the above tests do not fulfil 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.

Angles.

Section No. 149. 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 signs of fracture. This test shall be only made when required by the inspector.

Rivet Steel.

Section No. 150. 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.

Discard.

Section No. 151. 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.

Material Marked.

Section No. 152. Each finished piece of steel shall be marked with the melt number, excepting that the bars for reinforcing concrete shall be bundled and the melt number stamped on a metal tag attached to each bundle.

Variation in Weight.

Section No. 153. A variation in weight of any piece of steel of two and one-half per centum (2½ per cent.) 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.

Rejections.

Section No. 154. Material which, subsequent to the above 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.

Mill Orders.

Section No. 155. The Engineer shall be furnished copies in triplicate of all mill orders, and no material shall be rolled nor work done before the Engineer has been notified so that he may arrange for the inspection.

Test Pieces.

Section No. 156. 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.

Wrought Iron.

Double Rolled.

Section No. 157. 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. 158. 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 per centum in eight (8) inches, with fracture wholly fibrous. Specimens shall bend cold with the fibre, through one hundred and thirty-five degrees (135°), 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. 159. Cast iron shall be tough gray iron made by the Cupola process and shall contain not more than 0.6 per centum of phosphorus and not more than 0.12 per centum 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. 160. 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 (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. 161. 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. 162. All workmanship shall be first class. All parts exposed to view shall be neatly finished. All nuts exposed to view on the final structure shall be hexagonal. Shearing and chipping shall be neatly and accurately done and all portions of the work, exposed to view, neatly finished. Lattice bars shall have neatly rounded ends concentric with the rivet holes.

Material Straightened in Shop.

Section No. 163. All material shall be straightened in the shop before being worked in any way.

Size of Rivets.

Section No. 164. The size of rivets called for on plans shall be understood to mean the actual size of the cold rivet before heating.

Rivets Holes Accurately Spaced.

Section No. 165. 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. 166. 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. 167. 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. 168. All materials 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.

Burrs Removed.

Section No. 169. All burrs shall be removed, and the members shall have all parts firmly drawn together with bolts before reaming or riveting is commenced.

Sheared Edges.

Section No. 170. 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 where called for on plans.

Assembling.

Section No. 171. Riveted members shall have all parts well pinned up and firmly drawn together with bolts, before riveting is commenced.

Riveting.

Section No. 172. 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.

Rivet Spacing.

Distances from center of rivet to edge of sheared plate shall not be less than 1¼ inches for ¾-inch rivets and 1⅜ inches for ⅞-inch rivets; distances from center of rivets to a rolled edge shall not be less than 1⅛ inches for ¾-inch rivets and 1¼ inches for ⅞-inch rivets. The minimum pitch for ¾-inch rivets shall be 2½ inches and for ⅞-inch rivets 2⅞ inches. When material is sub-punched and reamed the pitch for ¾-inch rivets may be made 2¼ inches and for ⅞-inch rivets 2⅝ inches.

Use of Bolts.

Section No. 173. 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.

Templates.

Section No. 174. All holes for field rivets where called for on plans 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.

Stiffeners—Splice Plates and Fillers.

Section No. 175. 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.

Finished Members.

Section No. 176. Finished members shall be true and free from kinks, twists or open joints. Ends of floor beams and stringers shall be finished square and true.

Web Plate Projections.

Section No. 177. Web plates must not project beyond the flange angles or be more than one-quarter (¼) of an inch back of face of same.

Abutting Surfaces Faced.

Section No. 178. All abutting surfaces shall be neatly planed or faced perpendicular to the direction of the strain, so as to insure even bearings, except where otherwise noted on the plans.

Pins and Rollers.

Section No. 179. Pins and rollers shall be turned accurately to a gauge and shall be of full size throughout. All pin-holes shall be bored truly and at right angles to the axes of the members to be connected and shall fit the pins with a play not exceeding one-thirty-second (1-32) of an inch for pins over 5 inches in diameter, and not exceeding one-fiftieth (1-50) of an inch for pins 5 inches and less in diameter. Anchor bolts and adjustable members over one (1) inch in diameter shall be of structural steel with cold-rolled threads; the threaded portion of such bolts, tested to destruction, shall develop a greater strength than the unthreaded portion.

Rods Upset.

Section No. 180. Rods and bars which are to receive a thread shall be properly upset. Where threads are cut on steel, they shall be properly filleted.

Bed Plates Planed.

Section No. 181. Bed plates shall be planed. The bottom of the shoes shall be

planed exactly parallel to the centre line unless otherwise shown. The cutting of the planing tool shall be in the direction of expansion.

Annealing.

Section No. 182. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed.

Steel Castings True to Pattern.

Section No. 183. Steel castings shall be true to pattern and free from injurious imperfections.

Rods and Bars Deformed Sections.

Section No. 184. 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. 185. 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.

Details Boxed.

Section No. 186. Nuts, bolts, rivets and other similar material shall be boxed.

Weight Marked.

Section No. 187. The weight shall be plainly marked upon every piece and box.

Inspection.

Section No. 188. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship, with proper office facilities.

Contractor Responsible.

Section No. 189. 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. 190. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Inspector's Office.

Section No. 191. 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. 192. 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. 193. The prices to be paid for steel are as herein provided in Schedule Items 19, 20 and 21. These prices include the cost of material delivered and erected in the work, of all necessary cleaning and painting (where painting is required) and of all other incidental work, labor and material. The quantity of metals to be paid for shall be the number of pounds actually placed in accordance with the drawings or orders. The price for *Item* 19 also is to include the cost of the maintenance, support, removal and reconstruction, with all incidental work, labor and material, etc., of all surface and overhead structures of whatever nature and their appurtenances, payment for which is not herein elsewhere *specifically* provided for under other *Schedule Items.*

Payments for Castings.

Section No. 194. For miscellaneous iron castings, such as column fenders, manhole heads and covers, gratings, water, gas or other straight pipes, etc., payment shall be made as provided in *Schedule Item* 25-*A;* for new cast-iron hub and spigot pipe, special castings, payment shall be made as provided in *Schedule Item* 25-*B.* These prices shall include the cost of the material delivered and erected in the work.

Under these Items payment will be made for such new castings as may have to be provided on account of changes, etc., made necessary because of physical interference with the Railroad, as more fully described in Section No. 52. This does not relieve the Contractor, however, of his obligation to preserve all castings that are in a good condition and can be reclaimed and used, in order to avoid the necessity whenever possible of providing new castings.

Wire Forms.

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.

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.

Painting.

Section No. 195. 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. 196. All iron shall be scraped free from scale, and receive one coat of red lead paint as herein specified 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. 197. 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. 198. 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. 199. All material shall be delivered, inspected and sampled in original packages.

Proportions in Mixture.

Section No. 200. 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. 201. 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. 202. 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. 203. 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. 204. 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, When Applied.

Section No. 205. The third or finishing coat, which shall be a carbon paint of a color and quality approved by the Engineer, shall be applied to all exposed surfaces of the metal after its erection. 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. 206. Surfaces of exposed members inaccessible after erecting, shall be cleaned and painted before erecting.

Recesses, Etc.

Section No. 207. 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.

Section No. 208. All surfaces so close together as to prevent the insertion of a brush, must be painted thorough by using a piece of cloth, if necessary.

Rainy or Freezing Weather.

Section No. 209. No painting in rainy or freezing weather or on wet surfaces will be permitted.

Payments.

Section No. 210. Payment for painting is included in the prices for steel and iron.

15.

Ducts.

Vitrified Ducts—Quality and Size.

Section No. 211. The ducts to contain cables for transmitting electricity for the Railroad 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 eighteen (18) inches, shorter lengths shall only be used as directed; generally in one-way form with circular holes, the diameter to be such as to pass a mandrel three and one-half (3½) inches in diameter. 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. 212. The outside walls and webs of one-way ducts to be three-quarters (¾) of an inch thick; the outside dimensions of ducts to be not less than five (5) inches, and constructed square on outer lines with corners cut off.

Ends Combed.

Section No. 213. 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. 214. The inside and outside of ducts to be thoroughly glazed in the most approved manner with good salt glaze.

Inspection.

Section No. 215. 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. 216. 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 four (4) inches. The muslin shall not be less than 56x60 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. 217. 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.

Concrete Envelop.

Section No. 218. The ducts shall be laid within a concrete envelop four (4) inches thick on the top and bottom and three (3) inches thick on the sides.

Laid to Line.

Section No. 219. The ducts shall be so laid that the center of the holes shall be true to line and grade.

To Be Rodded.

Section No. 220. 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.

Measurements and Payments for Vitrified Railroad Ducts.

Section No. 221. Railroad ducts shall be paid for per duct foot in place at the price herein stipulated for Railroad ducts, *Schedule Item* 18-*A,* which price shall include the cost of furnishing, laying and rodding the ducts, of the concrete envelop and of all other material, including all work, labor and material incidental to the duct line construction as shown on the plans, except excavation and the restoration of the street surface, which will be paid for under *Schedule Items* 1-*C and* 30(*h*); and except duct manholes. The ducts to be provided under *Schedule Item* 18-*A,* shall include only those intended solely for the purpose of the operation of the Railroad.

Duct Manholes.

Section No. 222. Generally the Railroad duct lines will be constructed near the curb side of the column foundations. But to escape existing subsurface structures they may be placed in other locations as ordered. Duct manholes shall be built as indicated on the plans or as directed by the Engineer. These manholes shall be generally at intervals of about four hundred (400) feet. They may vary in form as may be necessary to accommodate the work to local conditions. At manholes the ducts will be laid to conform to the special conditions. Duct manholes 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.

Manhole Drain Pipes.

The four (4) inch drain pipes for the duct manholes shall be vitrified pipe of the best quality, thoroughly and perfectly burnt, without imperfections, well and smoothly glazed inside and outside and perfect in shape. It shall be paid for at the price stipulated in *Schedule Item* 17(*e*), which price shall include all work, labor and material incidental to furnishing and laying the pipe in place, and including the proper connections with the sewers; except excavation and the restoration of the street surface.

16.

Surfaces Restored.

Pavement to be Restored.

Section No. 223. 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.

Other Sidewalks May Be Laid.

Section No. 224. Nothing contained in these specifications shall be understood or construed as prohibiting the Contractor from making any 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 property owner, duly acknowledged in writing by both parties.

In case any property owner desires to lay 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 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. 225. Payment for all street surface restored of whatever character, and work, labor and material incidental thereto, such as restoring manhole heads and covers, trees, etc. (except as included in Item 25-A), will be made as provided in Schedule Item 30 (h).

The foregoing provisions of this Subdivision (No. 16) apply only to the restoration of street surfaces where paved roadways or sidewalks actually exist at the time of the delivery of this contract. In cases where only the ordinary dirt roadway or sidewalks exist and in cases where no roadway or sidewalks exist, the Contractor will be required to backfill and restore such surfaces to their original grades and conditions at his own expense.

17.

Reinforced Concrete Elevated Railroad.

Reinforced Concrete Elevated Railroad.

Section No. 226. Besides the concrete usually required in elevated railroad construction work as specified herein in Subdivision 11, this contract section also will include the construction of a portion of the Railroad as a reinforced concrete elevated railroad, extending from about the east building line of Hill Street to about forty-five (45) feet west of the west building line of Gofman Street, as shown on the contract drawings. Such portion of the Railroad to be built as a reinforced concrete elevated railroad is herein referred to as the "reinforced concrete elevated Railroad." The reinforced concrete for such reinforced concrete elevated Railroad shall be constructed in accordance with the requirements of Subdivision 11 (except the requirements of Section No. 116 or as otherwise qualified in this subdivision), and also in accordance with the requirements of this subdivision. All concrete of the reinforced concrete elevated Railroad above the top of the Railroad column foundations will be considered, measured and paid for as concrete masonry for the reinforced concrete elevated Railroad. All other concrete masonry will be paid for as stipulated in Subdivision 11, Schedule Item 6.

Lumber for Forms and Centers.

Section No. 227. The lumber for wooden forms and centers shall be spruce or Norway pine or other approved wood, sound and free from knots, shakes and rot. The lumber for forms shall be tongued and grooved; also it shall be dressed on the side next to the concrete surfaces which will be exposed in the finished work, and it shall be dressed in any other manner which may be necessary to secure watertight and smooth fitting forms.

Metal Forms.

Section No. 228. Metal forms, if used, shall be made of metal sufficiently thick to retain their shape without the use of wood. No forms made of wood and covered with iron will be permitted.

Character of Forms.

Section No. 229. Forms shall be constructed by experienced and capable workmen and must be of first-class workmanship throughout. For exposed surfaces of concrete they must be smooth and the boards must be carefully matched. The forms must be constructed so as to secure beveled or chamfered edges for beams and columns where ordered; and when required the edges or corners of the forms must be rounded at interior angles formed between intersecting concrete surfaces. The forms also shall be constructed so that the lagging can be removed without disturbing the support for the concrete, in order that the concrete surface may be subjected to a finishing process when the concrete has reached the proper age for treatment. All forms shall be lubricated with a thick and heavy filler oil of a quality known as "sludge" or its equal. Just before being used forms must be carefully cleaned of all cement, dirt and debris in order to provide for a perfectly smooth face to the exposed surface of the concrete.

Placing Forms.

Section No. 230. 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.

Forms Removed.

Section No. 231. Forms shall be removed as soon after the concrete has been placed as may be done with safety to the work; except that arch forms supporting the elevated structure shall not be removed in less than twenty-eight (28) days. But no forms shall be removed without first notifying the Engineer. Such notification shall not relieve the Contractor of responsibility for the construction and for the removal of such forms. Immediately on the removal of the forms 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. All projecting wires, bolts or other devices that are used for holding forms and that pass through the concrete must be cut off at least one (1) inch beneath the finished surface and the ends covered with mortar. Care shall be taken to form perfectly all edges, arrises and mouldings. If after the removal of the forms it is found that any of these lines are imperfect the cement film shall be cut away to insure a proper bond and such lines shall be restored. In order to secure a uniform surface color and texture, the mortar to be used for filling voids, to cover the ends of projecting wires, bolts or other devices and to restore edges, arrises and mouldings shall be of the same materials and of the same proportions as that contiguous to such restored work.

Made Smooth to Receive Waterproofing.

Section No. 232. Concrete to which waterproofing is to be applied shall be made smooth at the time of laying and shall be carefully protected from injury until thoroughly set.

Impervious to Water.

Section No. 233. It is intended to obtain concrete impervious to water; the concrete shall be mixed and deposited with this end in view, and if required, it shall be carefully troweled as may be directed in order to add to its imperviousness.

Section No. 234. Arch centers must be constructed so as to remain as nearly as possible invariable in level and form from the time they are ready for the concrete until the time of their removal from under the arches; also they must be constructed so that they may be removed with ease and without shock or jar to the concrete masonry. The main members of centers must be bolted together at the joints. Centers must not be removed from under the arches in less than twenty-eight (28) days.

Concrete Finish.

Section No. 235. The surfaces of the concrete masonry for the reinforced concrete elevated Railroad shall be finished, as indicated on the Contract drawings, or as ordered, either with a natural cement finish rubbed, washed, dressed, tooled or otherwise treated on the surface as directed, or with a mortar faced finish composed of specified materials rubbed, washed, dressed, tooled or otherwise treated on the surface as directed.

Immediately following the removal of the forms (or lagging only if directed), followed by the removal of the projections and the filling of the voids, etc., as herein provided, the entire concrete surface to be finished shall be treated in such a manner as directed, and so as to insure a uniform surface of the desired color and texture.

Natural Cement Finish.

Section No. 236. Where a natural cement finish treated as directed is required, care must be taken to insure the flushing of the cement against the forms. This shall be done by careful spading and puddling while the concrete is being placed, for which special tools shall be provided as required.

Mortar Faced Finish.

Section No. 237. Where a mortar faced finish treated as directed is required, the mortar facing shall consist of a mortar composed of specially selected materials which shall be as uniform as possible for the entire work. Such materials shall include white or ordinary Portland cement (of quality herein specified), with white sand, different colored granite grits, mica, felspar or other materials in such proportions as may be required. The mortar facing shall be laid one and one-half (1½) inches thick. The mortar facing and the concrete backing shall be constructed simultaneously. This is to be accomplished by using sheet steel facing forms of an approved pattern placed on edge the proper distance back of the lagging. The space between the facing form and the lagging is to be filled with the facing mortar. The concrete backing is to be filled in to the height of the facing form, which then is to be lifted vertically and the backing and facing thoroughly bonded by tamping them together.

Samples.

Section No. 238. The Contractor shall furnish on the concrete of the elevated structure samples of natural cement finish and mortar faced finish subjected to such surface treatments as may be required. From these samples the character of the finish will be determined.

Tools.

Section No. 239. In order to remove the cement film and to obtain the desired surface treatment the wire brush, sand blast, pneumatic hammer or tools ordinarily used for dressing stone surfaces shall be used when required.

Recesses for Tiles.

Section No. 240. Where inlaid colored tiles are shown on the contract drawings, or are ordered, recesses shall be provided in the concrete for the reception of the tiles. These recesses shall be scored or channeled, by attaching strips of wood to the forms, or in some other satisfactory manner, in order to secure a proper bond for the tiles.

Reinforced Concrete for Elevated Structure; How Paid For.

Section No. 241. The concrete masonry for the reinforced concrete elevated Railroad shall be measured in place in the work to the prescribed net lines as shown on the contract drawings, or as ordered by the Engineer, and shall be paid for at the price stipulated in Schedule Item 6-A; which price is to include the cost of all scaffolding, centers, forms and removing the same, of all raised or depressed surfaces in the concrete required for ornamental effect, of providing recesses in the concrete for inlaid colored tile, and of all work, labor and material incidental thereto, payment for which is *not* herein elsewhere *specifically* provided for under other Schedule Items.

Natural Cement Finish and Mortar Faced Finish and Payment For.

Section No. 242. The natural cement finish and mortar faced finish will be measured on the basis of the actual area covered in place and payment therefor will be made at the prices stipulated in Schedule Items 6-B for natural cement finish and 6-C for mortar faced finish, which prices will include the cost of the samples of finish as herein required, of all scaffolding, tools, forms and the removal of the same, etc., and of all other incidental work, labor and material.

18.

Waterproofing.

Waterproofing Where Required.

Section No. 243. The reinforced concrete arches of the reinforced concrete elevated Railroad shall be waterproofed on top, as shown on the contract drawings, or as ordered.

Surfaces to Be Made Smooth.

Section No. 244. All surfaces to which waterproofing is to be applied shall be made as smooth as possible and shall be thoroughly dry before waterproofing is applied; 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 two (2) plies or four (4) plies, as required, have been placed and a final coat of pitch or asphaltum shall then be applied. Each layer of pitch or asphaltum must completely and entirely cover the surface on which it is spread without cracks or blow holes.

Definition of Term "Ply."

Section No. 245. 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.

Section No. 246. Any leaks that are found at any time prior to the completion of the work and final acceptance thereof by the Commission shall be cut out and the leaks stopped, at the sole expense of the Contractor.

Quality of Pitch.

Section No. 247. Pitch shall consist of either coal-tar or natural 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. 248. 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 100° F., being a grade in which distillate oils distilled therefrom shall have a specific gravity of 1.05.

Quality of Asphalt.

Section No. 249. 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 centum of bitumen soluble in cold carbon disulphide, and at least 98½ per centum 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 twenty (20) grams of the material are heated for five (5) 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 one-half (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 (1) square centimeter shall have a ductility of not less than twenty (20) centimeters at 77 degrees Fahr., the material being elongated at the rate of five centimeters per minute. (Dow moulds)

All tests herein provided must be conducted according to methods approved by the Engineer.

The penetrations indicated herein refer to the depth of penetration in hundredth centimeters of a No. 2 cambric needle weighted to one hundred (100) grams at 77 degrees Fahr. acting for five (5) seconds.

Woven Fabric for Waterproofing.

Section No. 250. 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.

Fabric for Waterproofing to be Carefully Laid.

Section No. 251. 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 the ends of the rolls are carried up on the sides as shown on the contract drawings, or as ordered.

Section No. 252. 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. 253. None but competent men, especially skilled in work of this kind, shall be employed to lay the waterproofing.

Measurements and Payments.

Section No. 254. Measurements for waterproofing 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 in Schedule Item 15, which price is to include all work, labor and material in connection therewith.

19.

Conduits.

Quality Iron Pipe Conduit.

Section No. 255. 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 trademark of the manufacturer. It shall bend cold 90 degrees about a radius equal to ten (10) diameters without signs of flaw or fracture in either pipe or enamel.

Section No. 256. 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. 257. 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. 258. 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. 259. Conduits not built into the structure shall be supported by approved pipe straps located not more than eight (8) 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. 260. 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. All bends and offsets not hand formed shall be made by the use of standard large radius elbows. Not more than two (2) right angle bends shall be made between any two (2) outlet boxes without special approval of the Engineer.

Measurement and Payment.

Section No. 261. Measurements for the above iron pipe conduits and fittings shall be per lineal foot of single conduit placed in the work—in accordance with the requirements—and payment for the same, including all incidental work, labor and material, shall be as herein stipulated in Schedule Item 32.

Outlet and Pull Boxes and Payment for Same.

Section No. 262. 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. The ends of all conduits inside of boxes shall be fitted with bushings. 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, including all incidental work, labor and material, shall be as herein stipulated in Schedule Items 33 and 33A.

DRAINS.

Drains.

Section No. 263. The surfaces over the arches of the reinforced concrete elevated Railroad, as far as possible, shall be arranged so that any water finding access thereto will be lead away automatically to drains leading to the gutter or to the City sewers as required.

The station and toilet room drainage shall also be arranged to discharge into the sewers.

Section No. 264. Where drain pipes connect with the City sewers the junction shall be protected by suitable traps located in accessible manholes below the surface of the street. Connections with the Railroad shall be as necessity demands and all as directed by the Engineer.

Section No. 265. The drain pipes and fittings shall be of cast iron, "extra heavy," and all bends or offsets shall be made with large radius elbows, wyes or tee-wye fittings. The whole or any part of the drain pipes may be built into the masonry structure and suitable hand-holes and clean-outs shall be provided.

Section No. 266. 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 Item 17-A. The prices herein stipulated for each class of pipe will include the cost of providing and laying the pipe, of all specials of any nature whatsoever, such as bends, tees, wyes, hand-holes, clean-outs, traps, etc., of all material for jointing same, of the connections to the City sewers with the necessary manholes, and of all work, labor and material incidental to furnishing and laying such drains and appurtenances, payment for which *is not* herein elsewhere *specifically* provided for under other Schedule Items.

SPECIAL MATTERS.

Station and Other Finish Work.

Section No. 267. The work to be done under this contract upon or in connection with the reinforced concrete elevated Railroad includes the furnishing and constructing complete in place of the finish of all exposed concrete surfaces of the reinforced concrete elevated Railroad between stations, at stations and in the stairwells leading from the street to the station platforms, at the prices stipulated in Items 6-B and 6-C; of all inlaid colored tile work, Item 6-D; of all raised or depressed surfaces in the concrete required for ornamental effect, included in Item 6-A; of all stairways at stations, Items 128 and 129; of all steel work for the station canopies, Item 19; of station platform granolithic surface finish, Item 6-E; of steel tees in the top of the copings to form anchors for railings, Item 20; of cast iron shoes provided with bolts at piers for attaching pier lamps for railings between stations and at stations, Item 25-A; of 16-ounce copper flashing where the roof of the canopy adjoins the concrete work, Item 130; of all anchors for window frames and signs at the entrances built into the concrete, Item 20; of all three (3) inch wrought-iron pipe leaders from the street surface to the roof, Item 131; of all concrete copings around stairwells, including a granolithic finish, Item 6-F; and of all work, labor and material incidental to any of the foregoing work payment for which *is not* elsewhere *specifically* provided for under other Schedule Items.

Station finish work not specifically mentioned in this section, though shown on the plans, is not included in the work to be done under this contract.

Inlaid Colored Tile.

Section No. 268. Inlaid colored tile shall be wet-pressed, hand-made, weather-proof, glazed or other approved tile of sizes, shapes and color as required. Samples shall be submitted for approval. Payment for furnishing, delivering and setting such inlaid colored tile, as measured in place at the work, will be made at the price stipulated in Schedule Item 6-D, which price shall include the cost of all work, labor and material incidental thereto.

Stairways.

Section No. 269. Stairways shall have cast iron risers, cast iron non-slipping treads, steel non-slipping platforms, and shall be supported on steel stringers which are to be framed to the steel of the structure, or anchored to the concrete masonry. Payment for stairways constructed complete, as measured in place at the work, will be made at the prices stipulated in Schedule Item 128 for stairway treads (including stringers) per linear foot of tread, and in Schedule Item 129 for stairway platforms (including stringers) per square foot of platform; which prices shall include the cost of all material delivered and erected in the work, of all necessary cleaning and painting as required and of all other incidental work, labor and material.

Granolithic Platform Finish.

Section No. 270. When the platforms are being constructed, provision shall be made for laying the granolithic surface finish simultaneously therewith. This shall be done by filling the rough concrete up to within about one (1) inch of the finished surface, and while this concrete is still wet, applying a mixture of one part of Portland cement and two parts of approved sand, which is to be divided up into large squares, as directed, and troweled down to a hard, smooth surface finish. The platforms are also to be graded so as to drain to the track trough. Payment for the concrete below the surface finish will be included in the price stipulated in Schedule Item 6-A. The granolithic surface finish will be measured on the basis of the actual area covered in place and payment therefor will be made at the price stipulated in Schedule Item 6-E, which price will include all work, labor and material incidental thereto.

No Ledge Rock.

Section No. 271. Ledge rock in place will not be encountered on this Contract Section, but boulders requiring blasting may be encountered, for which reason specifications for rock are included in this contract.

Section No. 272. Any buildings within the lines of Queens Boulevard, Skillman avenue or Roosevelt avenue will be acquired by the City and removed by other contractors.

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 fifty thousand ($50,000) 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 saving 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 its 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 publication to be as much as 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 the sum of One Hundred Thousand Dollars ($100,000). 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 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

*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.

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 forty ($40) 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.

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, whenever in his judgment it shall be necessary or proper, cause a detailed examination of any 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, Etc.

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.

Acquisition of Real Estate.

Article LIII. The City will acquire all such real estate and rights of way or other rights, terms, franchises, easements and privileges therein which, in the opinion of the Commission, it shall be necessary to acquire or extinguish for the purpose of constructing the Works free of interference or right of interference; provided, however, that this covenant shall not apply to or include any damages for physical injuries to property referred to in Chapter VI hereof, whether or not compensation for such damages be awarded in a condemnation proceeding. If compensation for any such damages shall be included in an award in condemnation proceedings the Contractor shall, upon demand, promptly reimburse the City for any payments made by it for such purposes.

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 eighteen (18) months from the date of the 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.

Time for Completion to Be Extended in Case of Delay in Acquiring Real Estate.

Article LIX. In case the Contractor shall at any time give notice to the Commission that any real estate is necessary under this contract for any of the purposes specified above, which notice shall give a brief description of such real estate, the Commission shall (if it finds that such necessity exists) begin and conduct with diligence proceedings to acquire the real estate described; and, in case the Commission shall fail to put the Contractor into possession of such real estate within three (3) months from the date of the delivery of such notice, the Commission shall allow the Contractor so much additional time wherein to perform and complete this contract on his part as the Engineer shall certify in writing to be just, but no allowance by way of damages shall be made for such delay.

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 Unlawful in Case of 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 caused its corporate seal to be hereto affixed and these presents to be executed by its 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 , 1913, before me personally appeared William R. Willcox and Travis H. Whitney, to me known and known to me to be, the said William R. Willcox, the chairman, and the said Travis H. Whitney, the secretary of the Public Service Commission for the First District; and the said William R. Willcox 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 William R. Willcox, 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 William R. Willcox 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 , 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, and he duly acknowledged to me that he executed the same.

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 No. 36 and 37, Section No. 3.

Routes No. 36 and 37 Section No. 3.

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 fifty thousand dollars ($50,000) 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 fifty thousand dollars ($50,000) 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 3 of Routes 36 and 37 extending from Van Dam Street and Queens Boulevard to Sycamore Avenue and Roosevelt Avenue in the Borough of Queens, 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 A CONTRACTOR'S PROPOSAL FOR CONSTRUCTION OF A PART OF A RAPID TRANSIT RAILROAD, ROUTES No. 36 AND 37, SECTION No. 3.

Routes No. 36 and 37 Section No. 3.

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 3 of Routes No. 36 and 37, 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:

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This column not to be used by Bidder. Amount.
1b	For Column Excavation as specified in Section No. 74, per cubic yard	.....	40,000	.....
1c	For Railroad Duct Excavation as specified in Section No. 74, per cubic yard	.....	14,000	.....
6	For concrete masonry, in place, per cubic yard	.....	12,630	.....
6a	For concrete masonry for the reinforced concrete elevated railroad, in place, per cubic yard	.....	39,200	.....
6b	For natural cement finish for the reinforced concrete elevated railroad, in place, per square yard	.....	19,000	.....
6c	For mortar faced finish for the reinforced concrete elevated railroad, in place, per square yard	.....	31,000	.....
6d	For inlaid colored tile, in place, per square foot	.....	21,000	.....
6e	For granolithic surface finish for platforms of stations on the reinforced concrete elevated railroad, in place, per square ft.	.....	29,000	.....
6f	For concrete copings around stairwells for stations on the reinforced concrete elevated railroad, in place, per lineal ft.	.....	250	.....
9	For brick masonry, in place, per cubic yard	.....	10	.....
12	For timber piles, in place, and prepared, per lineal ft.	.....	2,000	.....
13	For timber foundations, placed and fastened, per thousand ft. B. M.	.....	2M	.....
15	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(b) For 2-ply, per square yd.	.....	18,400	.....
	(d) For 4-ply, per square yd.	.....	1,500	.....
17	(e) For 4-inch vitrified pipe, in place, per lineal ft.	.....	1,300	.....
17a	For cast-iron pipe and fittings, including specials, "extra heavy," in place, as follows:			
	(a) For 3-inch, per lineal ft.	.....	1,840	.....
	(b) For 4-inch, per lineal ft.	.....	4,000	.....
	(c) For 6-inch, per lineal ft.	.....	470	.....
	(d) For 8-inch, per lineal ft.	.....	1,300	.....
18a	For Railroad ducts, in place, as required by Section No. 221, per duct ft.	.....	407,000	.....
19	For riveted steel, painted and erected, per ton of two thousand pounds	.....	21,930	.....
20	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	800	.....
21	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	1,050	.....
25a	For miscellaneous iron castings, such as column fenders, manhole heads and covers, gratings, water, gas or other straight pipes, etc., in place, per ton of two thousand pounds	.....	50	.....
25b	For new cast-iron hub and spigot pipe, special castings, in place, per ton of two thousand pounds	.....	20	.....
26	For special wire forms, in place, per pound	.....	2,200	.....
30	For street surface restored:			
	(h) For all surfaces of whatever character, as required in Section No. 225, per square yd.	.....	18,500	.....
32	For wrought-iron electric conduits, in place in stations, as follows:			
	(a) For three-fourths inch (¾-inch) wrought-iron, per lineal foot	.....	6,850	.....
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot	.....	6,500	.....
	(d) For one inch (1-inch) wrought-iron, per lineal foot	.....	120	.....
33	For cast-iron outlet boxes, in place, each	.....	224	.....
33a	For cast-iron pull boxes, in place, each	.....	102	.....
75	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary, as follows:			
	(c) For electric (overhead trolley) railroads, per lineal foot of single track	.....	1,800	.....
128	For steel and iron stairways for the reinforced concrete elevated railroad (including stringers), in place, per lineal foot of tread	.....	5,700	.....
129	For steel and iron stairway platforms (including stringers), in place, per square foot of platform	.....	1,900	.....
130	For sixteen (16) oz. copper flashing for roof canopies of the stations on the reinforced concrete elevated railroad, in place, per square foot	.....	2,700	.....
131	For three (3) inch wrought-iron pipe, in place, per lineal foot	.....	2,400	.....

(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 fifty 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 the 1913.

Affidavit of Verification.

State of New York, City and County 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, February 11, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 10, 1913, the Public Service Commission for the First District transmitted, for consent and approval, a proposed contract between The City of New York and the E. E. Smith Contracting Company for the construction in an estimated amount of $2,063,588 of section No. 3, Routes 36 and 37, being that portion of the proposed Astoria, Woodside and Corona Rapid Transit Railroad, beginning at a point on Queens boulevard, in the Borough of Queens, about 270 feet northwest of the westerly line of Van Dam street, and continuing thence along and over Queens boulevard, Greenpoint, Skillman and Roosevelt avenues to a point about 70 feet east of the easterly line of Sycamore (Albertus) avenue.

* 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 up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

* 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."

The communication transmitted with the contract requested the Board of Estimate and Apportionment to consent to the award of the contract, to prescribe a limit to the amount of bonds available to meet its requirements, and to direct the Comptroller to issue bonds to the extent of the estimated contract amount noted.

The proposed section is about 20,600 feet long of 3-track elevated construction, with eight local stations and two express stations. The contract award has been made to the lowest of eleven bidders.

I recommend approval of the award 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 on February 10, 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 No. 3, Routes 36 and 37, known as the Astoria, Woodside and Corona Route, beginning at a point on Queens boulevard, in the Borough of Queens, about two hundred and seventy feet (270) northwest of the westerly line of Van Dam street and extending thence along and over Queens boulevard, Greenpoint avenue, Skillman avenue and Roosevelt avenue to a point over Roosevelt avenue about seventy (70) feet east of the easterly line of Sycamore (Albertus) avenue; with local stations at Rawson street, Lowery street, Bliss street, Lincoln avenue, Broadway, 25th street, Elmhurst avenue and Sycamore avenue, and with express stations at Woodside avenue and Junction avenue, at a cost not to exceed two million and sixty-three thousand five hundred and eighty-eight dollars ($2,063,588); and be it further

Resolved, That the Board of Estimate and Apportionment prescribes that the limit of the amount of proceeds of corporate stock available for the said purposes shall be two million and sixty-three thousand five hundred and eighty-eight dollars ($2,063,588); and be it further

Resolved, That the Comptroller be and he is hereby authorized and directed to issue corporate stock of The City of New York to an amount not exceeding two million and sixty-three thousand five hundred and eighty-eight dollars ($2,063,588), at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds to the amount of the par value thereof to be issued for the purposes mentioned in the communication of the Public Service Commission for the First District to this Board, dated February 10, 1913.

Which was adopted by the following vote:

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

Public Service Commission—Approval of Consent to Award of Contract, Etc., for Construction of Section 2, Routes 36 and 37 of the Subway (Cal. No. 19).

(On February 6, 1913, the requisition of the Public Service Commission was referred to the Comptroller, and on February 20, 1913, the matter was laid over and ordered on the Calendar to be acted upon when the operating contracts, pending before the Public Service Commission, were transmitted to the Board.)

The Secretary presented the following:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York, February 6, 1913.

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 Cooper & Evans Company for the construction, at the public expense, of section No. 2 of Routes No. 36 and 37, being that portion of the proposed Astoria, Woodside and Corona Rapid Transit Railroad which begins at a point on 2d (formerly Debevoise) avenue, in the Borough of Queens, about three hundred (300) feet south of the centre line of Beebe avenue, and extends thence along and over 2d avenue to a point about three hundred and thirty (330) feet south of the centre line of Ditmars avenue.

The Public Service Commission for the First District further requests your Honorable Board to consent to said contract herewith transmitted and to prescribe a limit to the amount of bonds available to meet the requirements of said contract, to wit: The sum of eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50), and also 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 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.

And the Public Service Commission for the First District does hereby, pursuant to section 45 of the Greater New York Charter, make request for the authorization of such corporate stock for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit: The sum of eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50).

In witness whereof the Public Service Commission for the First District has caused its official seal to be hereto affixed and attested by its Secretary and these presents to be signed by its Chairman, this 6th day of February, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,

[SEAL] By MILO MALTBIE, Acting Chairman.

Attest: JAMES B. WALKER, Acting Secretary.

Resolved, That this Commission hereby accepts the proposal of Cooper & Evans Company, dated January 28, 1913, for the construction of Section No. 2 of Routes No. 36 and 37, being that portion of the proposed Astoria, Woodside and Corona Rapid Transit Railroad which begins at a point on 2d (formerly Debevoise) avenue, in the Borough of Queens, about three hundred (300) feet south of the centre line of Beebe avenue, and extends thence along and over 2d avenue to a point about three hundred and thirty (330) feet south of the centre line of Ditmars avenue, the aggregate of the unit prices in the proposal amounting to eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50).

Resolved, That the Chairman and the Secretary be and hereby are authorized and directed on behalf of the Commission to execute a contract in the 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 said Cooper & Evans Company with the requirements of the Invitation to Bidders attached to said proposal.

Resolved, That the Chairman and the Secretary be and hereby are authorized and directed to request the Board of Estimate and Apportionment to consent to said contract and to prescribe a limit to the amount of bonds available to meet the requirements of said contract, to wit: the sum of eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50), 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 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 eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50).

Resolved, That the Secretary give notice to said Cooper & Evans 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 as required by law.

Resolved, That it be referred to Counsel to the Commission to inquire into the sufficiency of the sureties or securities proposed to be given by said Cooper & Evans Company and in behalf of the Commission to do any such act as may be necessary or incidental to the furnishing of a proper bond or securities.

State of New York, County of New York, ss.:

I, James B. Walker, duly designated by Travis H. Whitney, Secretary of the Public Service Commission for the First District, to perform the duties of such Secretary in his absence, and the said Travis H. Whitney being now absent, do hereby certify, as Acting Secretary of the Public Service Commission for the First District, and pursuant to said designation, that I have compared the above with the original adopted by said Commission on February 4, 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 6th day of February, 1913.

[SEAL.] JAMES B. WALKER, Acting 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 Astoria, Woodside and Corona Rapid Transit Railroad, Routes No. 36 and 37, Section No. 2.

Form finally adopted by the Commission January 10, 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 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. 2 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. 2. Beginning at a point on Second (formerly Debevoise) Avenue in the Borough of Queens about three hundred (300) feet south of the centre line of Beebe Avenue and extending thence along and over Second Avenue to a point about three hundred and thirty (330) feet south of the centre line of Ditmars Avenue; with local stations at Beebe Avenue, Washington Avenue, Broadway, Grand Avenue, and Ditmars Avenue, and with an express station at Hoyt Avenue.

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 tracks or ties, 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 where necessary, of all buildings, monuments, surface railroads and other structures, etc., 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 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 eighteen (18) 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 28th day of January, 1913, at twelve (12) o'clock noon, at which time, or at a later date to be fixed by the Commission, the proposal 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 & 37, Section No. 2"* 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 fifty thousand ($50,000) 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 the sum of one hundred thousand ($100,000) dollars. 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, January 10, 1913.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By WILLIAM R. WILLCOX, 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. 36 AND 37, SECTION No. 2.

Approved as to form this 10th day of January, 1913.

JOHN L. O'BRIEN, Acting Corporation Counsel.

RAPID TRANSIT RAILROAD.

CONTRACT.

Routes No. 36 and 37—Section No. 2.

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 Cooper & Evans Company, a corporation organized and existing under the laws of the State of New York, 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 Commission on October 10, 1911, and which is known as the Fifty-ninth Street, Woodside and Astoria Route, or Route No. 36, and part of a certain route adopted by the Commission on October 10, 1911, and which is known as the Roosevelt Avenue Route or Route No. 37. Route No. 36 and Route No. 37 combined form the Astoria, Woodside and Corona Rapid Transit Railroad, or Routes 36 and 37. The part of Routes 36 and 37 to be constructed under this contract consists of:

Section No. 2.

Second Avenue from Beebe Avenue to Ditmars Avenue.

Beginning at a point on Second (formerly Debevoise) Avenue in the Borough of Queens about three hundred (300) feet south of the centre line of Beebe Avenue and extending thence along and over Second Avenue to a point about three hundred and thirty (330) feet south of the centre line of Ditmars Avenue; with local stations at Beebe Avenue, Washington Avenue, Broadway, Grand Avenue, and Ditmars Avenue, and with an express station at Hoyt Avenue.

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, to protect, support and maintain during construction all buildings and other structures, including their foundations, and all subsurface railroads, water mains, gas pipes, electric subways, poles and wires, 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 along the route; 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, vaults, including vaults of abutting property, and other subsurface 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 all work, labor and material in connection therewith, 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 I-B. For Column Excavation, as specified in Section No. 74, the sum of one 39-100 dollars ($1.39) per cubic yard.

Item 1-C. For Railroad Duct Excavation, as specified in Section No. 74, the sum of one 19-100 dollars ($1.19) per cubic yard.

Item 6. For concrete masonry, in place, the sum of seven 25-100 dollars ($7.25) per cubic yard.

Item 9. For brick masonry, in place, the sum of fifteen dollars ($15.00) per cubic yard.

Item 12. For timber piles, in place and prepared, the sum of fifty cents ($0.50) per lineal foot.

Item 13. For timber foundations, placed and fastened, the sum of sixty dollars ($60) per thousand feet, board measure.

Item 17. For vitrified pipe, in place, as follows:

(e) For four (4) inch vitrified pipe, the sum of one 00-100 dollar ($1.00) per lineal foot.

Item 18-A. For Railroad ducts in place as required by Section No. 221 of the Specifications, the sum of fourteen cents ($0.14) per duct foot.

Item 19. For riveted steel, painted and erected, the sum of sixty dollars ($60.00) per ton of two thousand pounds.

Item 20. For steel beams and shapes with connections, painted, sixty 70-100 dollars ($60.70) per ton of two thousand pounds.

Item 21. For steel rods and bars built in concrete, and erected, the sum of sixty 00-100 dollars ($60.00) per ton of two thousand pounds.

Item 25-A. For miscellaneous iron castings such as column fenders, manhole heads and covers, grating, pipes, etc., in place, the sum of fifty 00-100 dollars ($50.00) per ton of two thousand pounds.

Item 25-B. For new cast-iron hub and spigot pipe, special castings, in place, the sum of fifty 00-100 dollars ($50.00) per ton of two thousand pounds.

Item 30. For street surface restored:

(*h*) For all surfaces of whatever character as required in Section No. 225, the sum of two 65-100 dollars ($2.65) per square yard.

Item 75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary, as follows:

(*c*) For electric (overhead trolley) railroads, the sum of sixty-nine cents ($0.69) per lineal foot of single track.

Work not Susceptible of Classification.

Article XII. In case any work or materials shall be required to be done or fur-

nished 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.

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.

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 time 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 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 Enginer 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 bear date December 14, 1912, are each countersigned by the Engineer, are stamped with the seal of the Commission, bear the general title:

ROUTES No. 36 AND 37, SECTION No. 2.

Contract Drawing No.

and are designated or numbered as follows:

Nos. A-1 to A-5 inclusive, C-1 to C-10 inclusive.

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. 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 and subsurface 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 or subsurface 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, adjust or readjust, as the case may be, the additional or different surface or subsurface 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. Steel and Iron.
14. Painting.
15. Ducts.
16. Surfaces Restored.

1.

Brief Description of the Work.

General Nature.

Section No. 10. The Rapid Transit Railroad which is hereinbefore described is to be an elevated railroad. 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 or ties under this contract.

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.

2.

General Clauses.

Best Quality of Work.

Section No. 12. 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. 13. 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. 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. 14. 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 limit, 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. 15. 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. 16. 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 material needed for construction has been acquired and is available. Such permits are to be in such form and to cover such portions of the work as the Commission shall prescribe.

When to Be Filed With Borough President.

Section No. 17. 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 days, unless the Engineer shall expressly direct work to begin within a less period.

Notice Regarding Commencement of Work.

Section No. 18. Before commencing work on any part of the route, 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.

Methods of Construction.

Section No. 19. Plans showing the proposed methods of construction shall be submitted to the Engineer and receive his approval before permits will be granted and before such plans are put in operation.

Ordinances and Regulations.

Section No. 20. 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. 21. 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. 22. The Contractor 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, 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. 51 of the specifications.

Storage on Streets.

Section No. 23. Along the streets occupied by the Railroad and on cross-streets adjacent thereto, only 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.

Material Stored.

Section No. 24. 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. 25. In any case material may only be so stored 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. 26. 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.

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 pole 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. 27. 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. 28. 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. 29. 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.

Conveniences for Men.

Section No. 30. 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. 31. 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.

Advertisements Forbidden.

Section No. 32. 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. 33. 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. 34. 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. 35. 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 ten (10) working days after delivery to him at his office of such plans in duplicate.

Lines and Grades.

Section No. 36. 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. 37. 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. 38. 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. 39. 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. 40. 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. 41. 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. 42. No building shall, without the consent of the occupant, and after notice to the Engineer, be deprived of means of access thereto, and, where necessary, suitable means shall be provided, 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. 43. 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. 44. 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. 45. All necessary facilities are to be furnished by the Contractor for the benefit of street travel, both on longitudinal and cross streets.

Close Observance of Above Requirements.

Section No. 46. The Commission will insist upon the close observance of the above requirement, and no departure therefrom will be allowed, excepting upon the written permission of the Commission.

4.

Street Railroad Tracks, Mains and Other Surface, Subsurface and Overhead Structures.

Notice to be Given.

Section No. 47. 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. 48. 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 sub-

mitted 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 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. 49. Whenever it becomes necessary to cut, move, change, or reconstruct any surface, subsurface or overhead structures, or connections therewith (as more particularly enumerated in Article X), such work shall be done in accordance with the standard specifications and reasonable requirements of the several owners or of the Borough President or Commissioner of Water Supply, Gas and Electricity or other officer or local authority having the care of and the jurisdiction or control over such structures, except as elsewhere herein specifically provided.

Reasonable Dispatch.

Section No. 50. 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. 51. 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 appurtenances encountered or affected during the prosecution of his work. 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 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 appurtenances made by the Contractor for his own convenience in executing his work shall be done at the Contractor's own expense.

Necessary Permanent Pipe Changes.

Section No. 52. Payment for all changes of surface, subsurface or overhead structeures and appurtenances, including all work, labor or material incidental thereto, made necessary because of physical interference with the Railroad structure and requiring their removal, relaying or reconstruction in other than their original positions, is included: In the cases of surface and overhead structures, in the price stipulated in the Schedule for riveted steel. Item 19; in case of subsurface structures, in the prices stiplated in the Schedule for Column Excavation and Railroad Duct Excavation, Items 1-B and 1-C; except as otherwise herein specifically provided.

In the design of the Railroad structure it is intended to avoid physical interference with surface, subsurface and overhead structures as far as it may be reasonably practicable to do so.

Maintenance of Surface Railroads.

Section No. 53. The Contractor shall maintain and support both temporarily and permanently, in a manner that will cause the minimum interference with traffic, and 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; and he shall construct trolley-wire troughs or other insulating protection under the Railroad structure. Payment therefor will be at the rate specified in Schedule Item 75, which price will include the cost of all work, labor and material incidental thereto. The work of rebuilding tracks mentioned herein is not intended to include the movement of tracks laterally, but only such work as is incidental to the construction of the Railroad.

Trolley troughs and insulating protection shall be similar to such constructions under the elevated extensions of the existing Manhattan-Bronx Rapid Transit Railroad constructed under the contract of February 21, 1900, between the City and John B. McDonald in The Bronx on the Broadway and West Farms divisions.

Facilities to Be Given to Make Extensions.

Section No. 54. 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. 55. Special care must be taken to avoid damage wherever excavations are being made. The width of such excavations 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 dimensions, 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.

Depth of Excavations.

Section No. 56. All excavations 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 or special foundation as shown on the plans or may be deemed necessary by the Engineer. But generally in the case of column foundations on ledge rock in place the surface of the rock shall be carefully cleaned of loose and rotten rock and roughly brought to a horizontal surface; except that where such rock is less than five (5) feet below the surface it shall be excavated to a depth of at least five (5) feet below the surface.

Sides to Be Secured.

Section No. 57. 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. 58. 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.

Sheeting.

Section No. 59. 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.

Timber for Temporary Purposes.

Section No. 60. 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. 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. 61. The cost of the removal, where necessary, of all walls or other parts of vaults of abutting property that are within the ordered net lines of any excavation is included in such excavation as provided in Section No. 70, but the restoration of all such walls or other parts of vaults originally within the ordered net lines of such excavation 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 such excavation, which shall be done at the Contractor's own cost and expense.

Vaults Disturbed.

Section No. 62. 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.

Blasting.

Section No. 63. Wherever rock or other material requiring blasting is encountered in any excavation, 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. 64. 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. 65. Whenever any pipe or main is encountered in or alongside of the excavation, right is reserved to direct that all rock within five (5) feet of the same shall be removed by means other than blasting.

Pumping.

Section No. 66. Whenever water is encountered in excavations, 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 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. 67. 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. 68. 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. 69. 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.

Section No. 70. All excavations include the excavation of all materials of whatever nature encountered in the excavations, including earth above and below mean high water, ledge rock in place, boulders and other materials requiring blasting. Excavation shall be classified and paid for as either:

Column Excavation, Definition of.

Column Excavation, which includes all excavation for Railroad column foundations and for all subsurface structures required to be removed, relaid or reconstructed in other than their original locations or otherwise changed because of their physical interference with Railroad column foundations, or

Railroad Duct Excavation, Definition of.

Railroad Duct Excavation, which includes all excavation for Railroad ducts and Railroad duct manholes and their appurtenances and for all subsurface structures required to be removed, relaid or reconstructed in other than their original locations or otherwise changed because of their physical interference with Railroad ducts or Railroad duct manholes.

Ordered Net Lines of Excavation and Measurement.

Section No. 71. The ordered net lines of excavation and the measurements for payment therefor will be determined as follows:

(1) *Column foundations and duct manholes:* In excavation for Railroad column foundations and Railroad duct manholes the ordered net lines of excavation and the measurements therefor, except such portion as may be in rock, shall include the total excavation from the street surface to the bottom of the column foundation or the bottom of the duct manhole, within vertical planes one and one-half (1½) feet outside of the net outside lines of the bottom of such column foundation or duct manhole, as ordered or indicated on the plans.

In such portion of the excavation for Railroad column foundations and Railroad duct manholes as may be in rock the ordered net lines of excavation and the measurements therefor shall include the total excavation from the surface of the rock to the bottom of the column foundation or the bottom of the duct manhole, within vertical planes six (6) inches outside of the net outside lines of the bottom of such column foundation or duct manhole, as ordered or indicated on the plans.

(2) *Railroad ducts:* In excavation for Railroad ducts the ordered net lines of excavation and the measurements therefor shall include the total excavation from the street surface to the bottom of the duct structure within vertical planes passing through the net outside lines of such duct structure, as ordered or indicated on the plans.

(3) *Subsurface structures:* In excavation for subsurface structures required to be removed, relaid or reconstructed in other than their original locations or otherwise changed because of their physical interference with railroad column foundations or Railroad ducts or Railroad duct manholes the ordered net lines of excavation and the measurements therefor will be as follows:

(a) *Electric ducts and pipe conduits:* In excavation for electric ducts and pipe conduits, other than Railroad ducts, the ordered net lines of excavation and the measurements therefor shall include the total excavation from the street surface to the bottom of such ducts or pipe conduits within vertical planes passing through the net outside lines of such ducts or pipe conduits; provided, however, that if such ducts or pipe conduits shall consist of a single conduit or a group of conduits not enclosed in concrete, then the ordered net lines of excavation and the measurements therefor shall include the total excavation from the street surface to the extreme bottom of such single conduit or group of conduits within vertical planes one (1) foot outside the net outside lines of such single conduit or group of conduits.

(b) *Pipes:* In excavation for pipes the ordered net lines of excavation and the measurements therefor, except such portion as may be in rock, shall include the total excavation from the street surface to a depth of six (6) inches below the interior diameter of the pipe within a trench two (2) feet wider than the interior diameter of the pipe; provided, however, that where in the opinion of the Engineer the trench for laying pipes 30 inches or more in diameter is required to be close sheeted and the trench is so sheeted, the ordered net lines of excavation and the measurements therefor, except such portion as may be in rock, shall include the total excavation from the street surface to a depth of six (6) inches below the interior diameter of the pipe within a trench three (3) feet wider than the interior diameter of the pipe.

In such portion of the excavation for pipes as may be in rock the ordered net lines of excavation and the measurements therefor shall include the total excavation from the surface of the rock to a depth of eight (8) inches below the interior diameter of a 20-inch or smaller pipe and twelve (12) inches below the interior diameter of a pipe of larger diameter within a trench two (2) feet wider

than the interior diameter of the pipe. No allowance will be made for the removal of rock under the bells to give the required clearance.

(c) *Valve chambers and other structures:* In excavation for valve chambers and for valves, valve boxes and hydrants, the ordered net lines of excavation and the measurements therefor shall include the total excavation from the street surface to the lowest part of such valve chamber or other structure within vertical planes one (1) foot outside of the net outside lines of the bottom of such valve chamber or other structure.

(d) *Other subsurface structures:* For all other subsurface structures the ordered net lines of excavation will be as directed by the Engineer.

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.

No deduction from the amount of excavation to be allowed as aforesaid will be made on account of vault space or spaces occupied by pipes or other subsurface structures.

No Allowance Outside of Ordered Net Lines.

Section No. 72. There will be no measurement or allowance made nor money paid for excavation outside (in plain or depth) the ordered net lines of excavation as indicated in Section No. 71; and no allowance shall be made for any excess excavation caused by slips or slides. It is understood and agreed that the Contractor has estimated and allowed for all such matters in Schedule Items 1-B and 1-C.

Payment for Excavation.

Section No. 73. Column Excavation shall be paid for at the price stipulated in Schedule Item 1-B; Railroad Duct Excavation at the price stipulated in Schedule Item 1-C.

Prices for Excavation to Include.

Section No. 74. The prices herein stipulated for Column Excavation and Railroad Duct Excavation, Schedule Items 1-B and 1-C respectively, are to include the cost of excavating, of the disposal of the materials excavated, of backfilling, of all sheeting and bracing, of maintaining and supporting of openings during and after excavation, of all pumping or bailing, and of the maintenance, support, removal, reconstruction, with all incidental work, labor and material, etc., of all subsurface structures and surfaces of whatever nature and their appurtenances, payment for which is not herein elsewhere *specifically* provided for.

BACKFILLING.

Quality of Material; How Placed.

Section No. 75. Wherever necessary, excavations 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.

Subsurface Structures—Frozen Material Not Permitted.

Section No. 76. 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. 77. As fast as the work of filling permits, sheeting and other timber supporting the sides of the excavation shall be carefully withdrawn, or if directed by the Engineer, shall be left in place, and the spaces left by the removal of such material carefully backfilled.

How Paid For.

Section No. 78. The cost of backfilling is to be included in the prices paid for Column Excavation and Railroad Duct Excavation, Schedule Items 1-B and 1-C respectively.

7

PILING AND TIMBERING.

Character of Piles.

Section No. 79. 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. 80. 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. 81. 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, including all work, labor and material in connection therewith, 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. 82. 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. 83. Payment for piles other than timber piles will be as provided in Article XII of the contract.

Grillage.

Section No. 84. Timber grillage foundations shall be built if so directed by the Engineer.

Foundation Timber.

Section No. 85. 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 spikes or good seasoned oak or locust treenails.

Foundation Timber, Measurement and Payment.

Section No. 86. 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, including all work, labor and material in connection therewith, will be as provided in Schedule Item 13.

8.

CEMENT.

Portland Cement.

Section No. 87. 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. 88. 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. 89. 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. 90. 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. 91. 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. 92. 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. 93. 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. 94. 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. 95. 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. 96. 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 ot 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. 97. 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. 98. 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. 99. 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. 100. The Contractor shall at all times keep in store on the work, or at some point convenient thereto, a sufficient 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 saparately, 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. 101. 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. 102. 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 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.

10.

MASONRY.

Laid in Portland Cement.

Section No. 103. 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. 104. Care must be taken that no water shall interfere with the proper laying of masonry in any of its parts.

Freezing Weather.

Section No. 105. During freezing weather such masonry only shall be built whose construction, in the judgment of the Engineer, can not be postponed, except at the cost of delaying the work. The Contractor shall provide such appliances as are necessary for heating the water and the materials used in the masonry according to the specific instructions of the Engineer.

Protected in Freezing Weather.

Section No. 106. 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. 107. 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. 108. 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. 109. 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.

When Pointing Permitted.

Section No. 110. 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. 111. Any masonry which is found to be defective from any cause whatosever, 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.

11.

CONCRETE.

How Composed.

Section No. 112. 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.

Sand.

Section No. 113. Sand for concrete shall be of the kind herein specified for mortar.

Stone.

Section No. 114. 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. 115. 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. 116. 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. 117. The proportions of cement, sand and stone (or gravel) used in making concrete shall be one (1) part of cement, two (2) parts of sand and four (4) parts of stone.

Mixing By Machine.

Section No. 118. 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.

Mixing By Hand.

Section No. 119. When concrete is mixed by hand the store 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. 120. 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.

Time for Hardening.

Section No. 121. 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. 122. Before laying concrete on rock surfaces the latter shall be carefully cleaned of loose and rotten rock and roughly brought to a horizontal surface, and when laid on earth the earth shall be rammed as directed before placing the concrete.

Surface Rough for Bonding.

Section No. 123. 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. 124. 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. 125. Suitable forms shall be provided by the Contractor to support the concrete while being placed. These forms shall be immediately replaced by new ones as soon as they commence to lose their proper shape. The forms shall be made of wood or metal.

Section No. 126. The forms if made of wood, shall be made of boards with tight joints, tongued and grooved, if required by the Engineer.

Forms, How Set; Defective Work Replaced.

Section No. 127. The forms shall be set true to line, firmly secured, and be so tight as not to allow water in the mortar to escape. On the removal of the forms if there are voids 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.

Section No. 128. Where reinforcement steel 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.

Concrete, How Measured and Paid For.

Section No. 129. 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 Item 6; which price is to include the cost of all scaffolding, centers, forms, etc., and removing the same, and all work, labor and material incidental thereto.

Backing or Filling Concrete, Not Paid For.

Section No. 130. No concrete backing or filling outside of the ordered net lines of the structure will be paid for.

12

BRICK MASONRY.

Quality.

Section No. 131. 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.

How Laid.

Section No. 132. 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. 133. 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. 134. 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. 135. 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.

Measurements and Payments.

Section No. 136. 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. This price is 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, labor and material incidental thereto.

13.

Steel and Iron.

Open Hearth Process.

Section No. 137. Steel shall be made by the open hearth process.

Chemical and Physical Properties.

Section No. 138. 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.)	Ult. Ten. Str. Silky.	Ult. Ten. Str. Silky.	20% in 2" Silky or
Fracture			Fine granular
Cold Bend	180° flat.	180° flat.	120° (d.=3t.)

Yield Point.

Section No. 139. 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.

Ductility Elongation.

Section No. 140. In determining the ductility, the elongation shall be measured after breaking on an original length as specified, in which length shall occur the curve of reduction each side of the point of fracture.

Chemical Determination.

Section No. 141. 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.

Test Pieces.

Section No. 142. 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.

Rivet Rods.

Section No. 143. Rivet rods shall be tested as rolled.

Where Taken From.

Section No. 144. For rollers and pins the specimens shall be cut from the finished bar so that the center of the specimen shall be one inch from the outside of the bar.

Steel Castings.

Section No. 145. 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.

Treatment of Test Specimens.

Section No. 146. 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.

Rolled steel shall be tested in the condition in which it comes from the rolls.

Number of Tests.

Section No. 147. 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.

Duplicate Tests.

Section No. 148. If the above tests do not fulfil 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.

Angles.

Section No. 149. 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 signs of fracture. This test shall be only made when required by the inspector.

Rivet Steel.

Section No. 150. 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.

Discard.

Section No. 151. 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.

Material Marked.

Section No. 152. Each finished piece of steel shall be marked with the melt number, excepting that the bars for reinforcing concrete shall be bundled and the melt number stamped on a metal tag attached to each bundle.

Variation in Weight.

Section No. 153. A variation in weight of any piece of steel of two and one-half per centum (2½ per cent.) 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.

Rejections.

Section No. 154. Material which, subsequent to the above 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.

Mill Orders.

Section No. 155. The Engineer shall be furnished copies in triplicate of all mill orders, and no material shall be rolled nor work done before the Engineer has been notified so that he may arrange for the inspection.

Test Pieces.

Section No. 156. 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.

Wrought Iron.

Double Rolled.

Section No. 157. 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. 158. 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. 159. Cast iron shall be tough gray iron made by the Cupola process and shall contain not more than 0.6 per centum of phosphorus and not more than 0.12 per centum 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. 160. 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. 161. 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. 162. All workmanship shall be first class. All parts exposed to view shall be neatly finished. All nuts exposed to view on the final structure shall be hexagonal. Shearing and chipping shall be neatly and accurately done and all portions of the work, exposed to view, neatly finished. Lattice bars shall have neatly rounded ends concentric with the rivet holes.

Material Straightened in Shop.

Section No. 163. All material shall be straightened in the shop before being worked in any way.

Size of Rivets.

Section No. 164. The size of rivets called for on plans shall be understood to mean the actual size of the cold rivet before heating.

Rivet Holes Accurately Spaced.

Section No. 165. 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. 166. 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. 167. 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. 168. All materials 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.

Burrs Removed.

Section No. 169. All burrs shall be removed, and the members shall have all parts firmly drawn together with bolts before reaming or riveting is commenced.

Sheared Edges.

Section No. 170. 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 where called for on plans.

Assembling.

Section No. 171. Riveted members shall have all parts well pinned up and firmly drawn together with bolts, before riveting is commenced.

Riveting.

Section No. 172. 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.

Rivet Spacing.

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. 173. 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.

Templates.

Section No. 174. All holes for field rivets where called for on plans 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.

Stiffeners—Splice Plates and Fillers.

Section No. 175. 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.

Finished Members.

Section No. 176. Finished members shall be true and free from kinks, twists or open joints. Ends of floor beams and stringers shall be finished square and true.

Web Plate Projections.

Section No. 177. Web plates must not project beyond the flange angles or be more than one-quarter (¼) of an inch back of face of same.

Abutting Surfaces Faced.

Section No. 178. All abutting surfaces shall be neatly planed or faced perpendicular to the direction of the strain, so as to insure even bearings, except where otherwise noted on the plans.

Pins and Rollers.

Section No. 179. Pins and rollers shall be turned accurately to a gauge and shall be of full size throughout. All pin-holes shall be bored truly and at right angles to the axes of the members to be connected, and shall fit the pins with a play not exceeding one-thirty-second (1-32) of an inch for pins over 5" in diameter, and not exceeding one-fiftieth (1/50) of an inch for pins 5" and less in diameter. Anchor bolts and adjustable members over one (1) inch in diameter shall be of structural steel with cold-rolled threads; the threaded portion of such bolts, tested to destruction, shall develop a greater strength than the unthreaded portion.

Rods Upset.

Section No. 180. Rods and bars which are to receive a thread shall be properly upset. Where threads are cut on steel, they shall be properly filleted.

Bed Plates Planed.

Section No. 181. Bed plates shall be planed. The bottom of the shoes shall be planed exactly parallel to the center line unless otherwise shown. The cutting of the planing tool shall be in the direction of expansion.

Annealing.

Section No. 182. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed.

Steel Castings True to Pattern.

Section No. 183. Steel castings shall be true to pattern and free from injurious imperfections.

Rods and Bars Deformed Sections.

Section No. 184. 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. 185. 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.

Details Boxed.

Section No. 186. Nuts, bolts, rivets and other similar material shall be boxed.

Weight Marked.

Section No. 187. The weight shall be plainly marked upon every piece and box. upon it.

Inspection.

Section No. 188. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship, with proper office facilities.

Contractor Responsible.

Section No. 189. 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. 190. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Inspector's Office.

Section No. 191. 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. 192. 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. 193. The prices to be paid for steel are as herein provided in *Schedule Items* 19, 20 *and* 21. These prices include the cost of material delivered and erected in the work, of all necessary cleaning and painting (where painting is required) and of all other incidental work, labor and material. The quantity of metals to be paid for shall be the number of pounds actually placed in accordance with the drawings or orders. The price for *Item* 19 also is to include the cost of the maintenance, support, removal and reconstruction, with all incidental work, labor and material, etc., of all surface and overhead structures of whatever nature and their appurtenances, payment for which is not herein elsewhere *specifically* provided for.

Payments for Castings.

Section No. 194. For miscellaneous iron castings, such as column fenders, manhole heads and covers, gratings, straight pipes, etc., payment shall be made as provided in *Schedule Item* 25-*A;* for new cast-iron hub and spigot pipe, special castings, payment shall be made as provided in *Schedule Item* 25-*B*. These prices shall include the cost of the material delivered and erected in the work.

Under these Items payment will be made for such new castings as may have to be provided on account of changes, etc., made necessary because of physical interference with the Railroad, as more fully described in Section No. 52. This does not relieve the Contractor, however, of his obligation to preserve all castings that are in a good condition and can be reclaimed and used, in order to avoid the necessity whenever possible of providing new castings.

14.

Painting.

Painting.

Section No. 195. 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. Lead or carbon paint will generally be required for the last two coats.

Shop Coat.

Section No. 196. All iron shall be scraped free from scale, and receive one coat of red lead paint as herein specified, 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. 197. 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 centum shall be left on the screen.

Quality of Linseed Oil.

Section No. 198. 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. 199. 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 linseed, and eleven (11) gallons of raw linseed oil.

Damaged Shop Coat to be Renewed.

Section No. 201. 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. 202. 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. 203. 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. 204. 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, When Applied.

Section No. 205. The third or finishing coat, which shall be a carbon paint of a color and quality approved by the Engineer, shall be applied to all exposed surfaces of the metal after its erection. 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. 206. Surfaces of exposed members inaccessible after erecting, shall be cleaned and painted before erecting.

Recesses, Etc.

Section No. 207. 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.

Section No. 208. 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. 209. No painting in rainy or freezing weather or on wet surfaces will be permitted.

Payments.

Section No. 210. Payment for painting is included in the prices for steel and iron.

15

Ducts.

Vitrified Ducts—Quality and Size.

Section No. 211. The ducts to contain cables for transmitting electricity for the Railroad 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. 212. 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. 213. 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. 214. The inside and outside of ducts to be thoroughly glazed in the most approved manner with good salt glaze.

Inspection.

Section No. 215. 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. 216. 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. 217. 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. 218. The ducts shall be laid with dowel pins, at least two pins on the opposite sides horizontally.

Laid to Line.

Section No. 219. The ducts shall be so laid that the center of the holes shall be true to line and grade.

To Be Rodded.

Section No. 220. 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 Railroad Ducts.

Section No. 221. Railroad ducts shall be paid for per duct foot in place at the price herein stipulated for Railroad ducts, *Schedule Item* 18-*A*, which price shall include the cost of furnishing, laying and rodding the ducts, of the concrete envelop and of all other material, including all work, labor and material incidental to the duct line construction as shown on the plans, except excavation and the restoration of the street surface, which will be paid for under *Schedule Items* 1-*C and* 30(*h*); and except duct manholes. The ducts to be provided under *Schedule Item* 18-*A*, shall include only those intended solely for the purpose of the operation of the Railroad.

Duct Manholes.

Section No. 222. Generally the Railroad duct lines will be constructed near the curb side of the column foundations. But to escape existing subsurface structures they may be placed in other locations as ordered. Duct manholes shall be built as indicated on the plans or as directed by the Engineer. These manholes shall be generally at intervals of about four hundred (400) feet. They may vary in form as may be necessary to accommodate the work to local conditions. At manholes the ducts will be laid to conform to the special conditions. Duct manholes 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.

Manhole Drain Pipes.

The four (4) inch drain pipes for the duct manholes shall be vitrified pipe of the best quality, thoroughly and perfectly burnt, without imperfections, well and smoothly glazed inside and outside and perfect in shape. It shall be paid for at the price stipulated in *Schedule Item* 17(*e*), which price shall include all work, labor and material incidental to furnishing and laying the pipe in place, and including the proper connections with the sewers; except excavation and the restoration of the street surface.

16.

Surfaces Restored.

Pavement to Be Restored.

Section No. 223. 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.

Other Sidewalks May Be Laid.

Section No. 224. Nothing contained in these specifications shall be understood or construed as prohibiting the Contractor from making any 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 property owner, duly acknowledged in writing by both parties.

In case any property owner desires to lay 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 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. 225. Payment for all street surface restored of whatever character, and work, labor and material incidental thereto, such as restoring manhole heads and covers, trees, etc. (except as included in Item 25-A), will be made as provided in Schedule Item 30(h).

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 Fifty thousand ($50,000) dollars. In case any of the surities 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 publication to be as much as 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 percentum (15%) of the amounts certified from time to time to be due to the Contractor until the amount so deducted and retained shall equal the sum of one hundred and seventy-five thousand ($175,000) dollars. Thereafter there shall be so deducted and retained for such purpose ten percentum (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 provisions of this chapter in respect of securities shall also apply to such corporate stock.

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*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.

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 forty ($40) 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 terms 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, whenever in his judgment it shall be necessary or proper, cause a detailed examination of any 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, ETC.

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.

Acquisition of Real Estate.

Article LIII. The City will acquire all such real estate and rights of way or other rights, terms, franchises, easements and privileges therein which, in the opinion of the Commission, it shall be necessary to acquire or extinguish for the purpose of constructing the Works free of interference or right of interference; provided, however, that this covenant shall not apply to or include any damages for physical injuries to property referred to in Chapter VI hereof, whether or not compensation for such damages be awarded in a condemnation proceeding. If compensation for any such damages shall be included in an award in condemnation proceedings the Contractor shall, upon demand, promptly reimburse the City for any payments made by it for such purposes.

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 eighteen (18) 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 rig 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 Unlawful in Case of 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 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 [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 this day , 1913, before me personally appeared and Travis H. Whitney, to me known and known to me to be the said , the chairman, and the said Travis H. Whitney, the secretary of the Public Service Commission for the First District; and the said 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 , 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 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 , 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, Routes No. 36 and 37, Section No. 2.

Form of Contractor's Bond.

Routes No. 36 and 37, Section No. 2.

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 Fifty thousand ($50,000) 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 Fifty thousand ($50,000) dollars and each of the said Sureties to be so held and bound only for a portion of said sum, as follows:

stock account C. F. M.—4, for deficiencies in tax levies of 1904, and prior, deemed uncollectible at January 1, 1905, and not otherwise provided for.

(On February 20 and 27, 1913, the above report was laid over for one week.)

Which was laid over one week—March 13, 1913.

Public Service Commission—Assumption by The City of Primary Responsibility for Damages in Connection with Construction of Subway (Cal. No. 21).

The Secretary presented:

Communication from the President, Borough of Manhattan, on behalf of the Transit Conference Committee, submitting resolution relative to the assumption by the City of primary responsibility for damages which may occur in the course of the construction of the Park Place, William and Clark streets sections of the new Subway.

(On February 20, 1913, the resolution of the Public Service Commission, requesting the Board of Estimate and Apportionment to provide by appropriate resolution for the assumption by the City of liability for damages, as above, was referred to said Committee.)

(On February 27, 1913, the above communication was laid over for one week and copies ordered sent to each member of the Board.)

Which was referred to the Transit Committee, consisting of the Mayor, the Comptroller and the President of the Board of Aldermen to confer with the Public Service Commission, and report in one week—March 13, 1913.

Board of Water Supply—Issue of $22,235,663 Corporate Stock (Cal. No. 22).

(On January 30 and February 6, 13, 20 and 27, 1913, this matter was laid over for one week.)

The Secretary presented the following:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 27, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On December 4, 1912, the Board of Water Supply requested $16,015,000 in corporate stock for the year 1913, itemized as follows:

Contracts to be let	$9,215,000 00
Other watersheds, miscellaneous	50,000 00
Land	2,500,000 00
Business damage claims	1,500,000 00
Water power damages	200,000 00
Salaries, rents and supplies	1,750,000 00
Taxes	70,000 00
Maintenance and operation	100,000 00
Administration Bureau	175,000 00
Bureau of Claims	75,000 00
Police	380,000 00
	$16,015,000 00

It is stated by the Board of Water Supply that this sum is necessary to provide funds for contracts and other obligations that must be incurred during the present year, although the actual expenditure of a large part of the fund may cover a period of years. The largest single item in the schedule is for contracts to be let. The detail of this is as follows:

Contracts Nos. 117, 119, 122, 126, 118, 120, 121, 123, 128, 127, 135, 129, 124 125—For superstructures and buildings	$2,625,000 00
Contracts Nos. 56, 57—Power plants at Ashokan and Kensico	40,000 00
Contract No. 86—Unfinished part of pipe to Queens	440,000 00
Contract No. 99—Narrows crossing	760,000 00
Contract No. 88—Pipe line, Narrows to Silver Lake Reservoir	150,000 00
Contract No. 89—Silver Lake Reservoir	1,000,000 00
Contracts Nos. 70, 84, 105, 106—For bronze gates	840,000 00
Contract No. 104—Iron valves, etc.	100,000 00
Contracts Nos. 140, 69, 91, 94, 95, 110, 130, 137, 138—Miscellaneous fittings, floats, metering apparatus, etc., trees, shrubs, monumenting land, etc.	760,000 00
Contract No. 93—Power and telephone lines	200,000 00
Contract No. 56—Ashokan dividing weir bridge	200,000 00
Contract No. 134—Ashokan highways	1,000,000 00
Contract No. 139—Esopus, sewerage system	1,000,000 00
Contract No. 136—Improvement of Esopus watershed	100,000 00
	$9,215,000 00

The President of the Board states that $22,235,633.85 will be required to complete the cost of delivering the first installment of 250,000,000 gallons of water to the city. Of that total, he states, $16,015,000 is required at once.

We recommend the adoption of the attached resolution granting the request

Respectfully, DOUGLAS MATHEWSON, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, President of the Board of Aldermen; GEORGE McANENY, President of the Borough of Manhattan; Corporate Stock Budget Committee.

Resolved, That, pursuant to the provisions of chapter 724 of the Laws of 1905 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 sixteen million and fifteen thousand dollars ($16,015,000), the proceeds whereof to be applied to the uses and purposes of the Board of Water Supply, 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.

The Comptroller moved that the report of the Corporate Stock Budget Committee be amended by recommending the issue of $14,715,000 corporate stock, which motion was adopted.

The following resolution was offered:

Resolved, That, pursuant to the provisions of chapter 724 of the Laws of 1905 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 fourteen million and seven hundred and fifteen thousand dollars ($14,715,000), the proceeds whereof to be applied to the uses and purposes of the Board of Water Supply, 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.

Which was adopted by the following vote:

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

Establishment in City Departments of Grade of Position of Steam Roller Engineer, Etc. (Cal. No. 23).

(On February 13, 20 and 27, 1913, this matter was laid over for one week).

The Secretary presented the following:

International Union of Steam Engineers, Hall of Local Union No. 184, November 16, 1912.

Mr. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Dear Sir—I desire to again call your attention that there is at the present time a violation of the prevailing rate of wage law in the four boroughs. Especially in the Borough of Kings, under President Mr. Steers.

Owing to the fact that all Roller Engineers in The City of New York are, and have been receiving $28.50 per week of forty-eight (48) hours, and owing to the fact that beyond a question of a doubt we can prove that the above is the prevailing rate of wage.

Seventy-five (75) per cent. of our men are operating rollers in The City of New York and have been for the past two years receiving said rate.

Therefore, we most respectfully request you as Comptroller of The City of New York to give this matter your earliest attention, especially owing to the fact that The City of New York is only paying the sum of $4.50 per eight (8) hours on the same work.

Trusting to hear from you at an early date, I beg to remain, Very respectfully,

M. A. McCONVILLE, Business Representative.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, January 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—In a communication dated November 16, 1912, the business representative of Local Union No. 184, International Union of Steam Engineers, stated that the prevailing rate of wages for Steam Roller Engineers of $4.75 per diem was not paid in city departments. In connection therewith we report as follows:

The following statements were made by employers of Steam Roller Engineers, to an examiner of the Department of Finance:

Barber Asphalt Company, Church Street, Manhattan.

"The company has 37 steam rollers. Thirty Engineers are employed at present, and are paid $28.50 a week, straight time, for eight hours a day. We pay single time for overtime on other than City work, and double pay for Sundays and holidays. The asphalt Steam Roller Engineer requires more experience than the Engineer who operates a roller on ordinary road work."

Uvalde Asphalt Company, Broadway, Manhattan.

"The company has 25 steam rollers. Fourteen Steam Roller Engineers are now employed at $4.75 a day."

Sicilian Asphalt Company, Park Row, Manhattan.

"We have now 15 Steam Roller Engineers, at $28.50 a week, or $4.75 a day."

Cranford Asphalt Company, Montague Street, Brooklyn.

"We have six Steam Roller Engineers on the payroll, at $28.50 a week."

Borough Asphalt Company, Metropolitan Avenue, Brooklyn.

"We employ two Steam Roller Engineers on asphalt work and one Engineer on roller or road work. We pay them $28.50 a week, or $4.75 a day."

Brooklyn Alcatraz Company, Hamilton Avenue, Brooklyn.

"Our Steam Roller Engineers are paid $28.50 a week. We have four rollers, three on asphalt work and one on road or macadam."

Hill Paving Company, Main Street, Flushing, L. I.

"We have five steam rollers, and are operating three at present. The Engineers are paid $30 a week. The excess rate is allowed on account of the extra expense of the men for carfares, etc."

Standard Bithalactic Company, Church Street, Manhattan.

"We have three Roller Engineers at $28.50 a week."

Dayton Hedges Company, 41st Street and Broadway, Manhattan.

"We employ four Roller Engineers, two on asphalt and two on macadam roads, at $28.50 a week."

R. C. Bouker Company, Far Rockaway, L. I.

"We have one Roller Engineer, and he receives $4.75 a day, straight time; no lay off or broken time."

Warren Brothers, Church Street, Manhattan.

"We employ two Roller Engineers, at $28.50 a week."

Cleveland Trinit Company, Flushing, L. I.

"We have at present two Roller Engineers at $28.50 a week."

Pease Brothers, Main Street, Flushing, L. I.

"We employ four Roller Engineers, two at $4.75 a day and two at $4.50 plus carfares, averaging $28.50 a week."

Asphalt Construction Company, 137th Street and Madison Avenue, Manhattan.

"We have four Roller Engineers, and pay $28.50 a week."

The rates paid by contractors in Greater New York are as follows:

Rates.	Number of Men.
At $28.50 a week	93
At $30 a week	3
At $4.50 a day	4
At $21 a week	4
Total	104

The number of Engineers employed during the summer season is considerably increased. There are 39 Steam Roller Engineers employed by the City, 10 in the Department of Parks, and 29 in the Bureaus of Highways, of the Offices of the Borough Presidents. The rate paid is $4.50 per diem. There are eight asphalt Roller Engineers in City employ, all in Brooklyn. The City owns its asphalt plant in that borough. The contractors employ 86 out of 104 Engineers on asphalt work. While the employers agree that more skill is required to operate a roller on asphalt than on macadam, the majority of the contractors employing men on road work pay them $4.75 a day.

The agreement entered into between Local Union No. 184 and the contractors provides for the same rate for competent Engineers for rollers on asphalt and macadam. It also provides that eight hours shall constitute a day's work, and forty-eight hours a week's work, for which the contractor shall pay $28.50. Some of the contractors pay full time, in order to retain the services of competent men.

The annual cost of increasing the rate for Steam Roller Engineers to $4.75 in city departments, based on the schedules for 1913, would be approximately as follows:

DEPARTMENT OF PARKS.	
Manhattan and Richmond.	
Two Steam Roller Engineers, at $4.50 a day (600 days)	$150 00
Brooklyn.	
Six Steam Roller Engineers, at $4.50 a day (1,800 days)	450 00
Queens.	
One Steam Roller Engineer, at $4.50 a day (300 days)	75 00
The Bronx.	
Three Steam Roller Engineers, at $4.50 a day (900 days)	225 00
OFFICE OF THE BOROUGH PRESIDENT.	
Manhattan.	
One Steam Roller Engineer, at $4.50 a day (300 days)	75 00
Brooklyn.	
Thirteen Steam Roller Engineers, at $4.50 a day (3,900 days)	975 00
Queens.	
Eight Steam Roller Engineers, at $4.50 a day (2,400 days)	600 00
The Bronx.	
Three Steam Roller Engineers, at $4.50 a day (900 days)	225 00
Richmond.	
Four Steam Roller Engineers, at $4.50 a day (1,200 days)	300 00
Total	$3,075 00

It appears that the prevailing rate for Steam Roller Engineers is $4.75 per diem.

We recommend, therefore, the adoption of the attached resolutions approving the $4.75 rate and requesting the heads of City departments to provide for the increase to December 31, 1913. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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, recommends to the Board of Aldermen the establishment in City departments of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Diem.	Number of Incumbents.
Steam Roller Engineer	$4 75	Unlimited

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 requests the heads of City departments in which Steam Roller Engineers are employed to provide for the compensation of such Steam Roller Engineers at the rate of four dollars and seventy-five cents ($4.75) per diem, by the transfer of funds, or by application for an authorization of special revenue bonds in the necessary amount.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Business Representative, International Union of Steam Engineers, Local No. 184.

Fire Department—Acquisition of Site (Cal. No. 24).

The Secretary presented:

Report of the Comptroller returning communication from the Deraismes Hose Company of the Woodhaven Volunteer Fire Department, Borough of Queens, petitioning the Board to purchase the premises owned and occupied by said Hose Company on the westerly side of Union place, between Maple and Elm streets, Richmond Hill, Borough of Queens, for the sum of $9,000.

(On February 20, 1913, the above communication was referred to the Comptroller; on February 27, 1913, communications (2) from the Forest Park Taxpayers Association and the Homestead Civic Association of Woodhaven, Borough of Queens, urging the Board to purchase the above property, were also referred to the Comptroller, and a communication from the West End Citizens' League of Queens Borough was also received relative thereto).

Which was ordered filed, and the Secretary directed to transmit a copy of the Comptroller's report to the Deraismes Hose Company and to the above mentioned Associations.

President of the Borough of Queens—Modification of Schedules (Cal No. 25).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Queens, Long Island City, February 5, 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 the funds, within the appropriation, allotted to the Bureau of Highways, Engineering Division, Office of the President of the Borough of Queens, to wit:

PRESIDENT OF THE BOROUGH OF QUEENS.
Bureau of Highways.

Engineering and Inspection—
3110TS *Tax Levy and Special and Trust Fund Force:*

Assistant Engineer	$4,000 00
Assistant Engineer, at $2,550	7,650 00
Assistant Engineer, 2 at $2,500	5,000 00
Assistant Engineer, 2 at $2,100	4,200 00
Assistant Engineer	1,800 00
Draughtsman	1,800 00
Draughtsman	1,500 00
Draughtsman, 3 at $1,350	4,050 00
Draughtsman	1,200 00
Transitman, 4 at $1,500	6,000 00
Transitman, 2 at $1,200	2,400 00
Chainman, 3 at $1,200	3,600 00
Rodman, 2 at $1,200	2,400 00
Rodman, 3 at $1,050	3,150 00
Axeman, 7 at $900	6,300 00
Inspectors, 5 at $1,650	8,250 00
Inspector	1,500 00
Inspector	1,200 00
Engineer Inspector, 5 at $1,800	9,000 00
Inspector of Street Openings, 8 at $1,200	9,600 00
Stenographer and Typewriter	1,350 00
Stenographer and Typewriter	900 00
Typewriting Copyist	720 00
Clerk	900 00
Messenger	1,500 00
Chemist	1,800 00
Schedule Total	$91,770 00
Tax Levy Allowance	$24,059 00
Special and Trust Fund Allowance	67,711 00
Total Allowance	$91,770 00

Proposed Schedule.

Engineering and Inspection—
3110TCS Tax Levy, Corporate Stock and Special and Trust Fund Force:

Assistant Engineer	$4,000 00
Assistant Engineer, 3 at $2,550	7,650 00
Assistant Engineer, 2 at $2,500	5,000 00
Assistant Engineer, 2 at $2,100	4,200 00
Assistant Engineer	1,800 00
Draftsman	1,800 00
Draftsman, 3 at $1,350	4,050 00
Draftsman	1,500 00
Draftsman	1,200 00
Transitman, 4 at $1,500	6,000 00
Transitman, 2 at $1,200	2,400 00
Chainman, 3 at $1,200	3,600 00
Rodman, 2 at $1,200	2,400 00
Rodman, 3 at $1,050	3,150 00
Axeman, 7 at $900	6,300 00
Inspector, 5 at $1,650	8,250 00
Inspector	1,500 00
Inspector	1,200 00
Engineer Inspector, 5 at $1,800	9,000 00
Inspector of Street Openings, 8 at $1,200	9,600 00
Stenographer and Typewriter	1,350 00
Stenographer and Typewriter	900 00
Typewriting Copyist	720 00
Clerk	900 00
Messenger	1,500 00
Chemist	1,800 00
Schedule Total	$91,770 00
Tax Levy Allowance	$24,059 00
Corporate Stock and Special and Trust Fund Allowance	67,711 00
Total Allowance	$91,770 00

Present Schedule.

Care of Highways, Engineering and Inspection—
3126TS Tax Levy and Special and Trust Fund Force:

Laborers, 7 at $2.50 per day (303 days)	$5,302 50
Schedule Total	$5,302 50
Tax Levy Allowance	$210 00
Special and Trust Fund Allowance	5,092 50
Total Allowance	$5,302 50

Proposed Schedule.

Care of Highways, Engineering and Inspection—
3126TCS Tax Levy, Corporate Stock and Special and Trust Fund Force:

Laborer, 7 at $2.50 per day (303 days)	$5,302 50
Schedule Total	$5,302 50
Tax Levy Allowance	$210 00
Corporate Stock and Special and Trust Fund Allowance	5,092 50
Total Allowance	$5,302 50

Present Schedule.

Wages, Temporary Employees.

Care of Highways, Engineering and Inspection—
3142TS Tax Levy and Special and Trust Fund Force:

Inspector, at $4 per day (5,625 days)	$22,500 00
Tax Levy, Part Allowance	$2,404 00
Special and Trust Fund Allowance	20,096 00
Total Allowance	$22,500 00

Proposed Schedule.

Wages, Temporary Employees.

Care of Highways, Engineering and Inspection—
3142TCS Tax Levy, Corporate Stock and Special and Trust Fund Force:

Inspector, at $4 per day (5,625 days)	$22,500 00
Tax Levy, Part Allowance	$2,404 00
Corporate Stock and Special and Trust Fund Allowance	20,096 00
Total Allowance	$22,096 00

The men employed in the Bureau of Highways, Engineering Division, this Department, are engaged partly in work charged against the tax levy and on work paid for out of the street improvement fund, and on work paid for out of corporate stock, such as repaving. It is impossible to anticipate the proportion of time that will be spent on street improvement work, as this work is all based on petitions that may be presented to the Local Boards and the many technicalities that must be overcome before the work can actually be started. Also the amount of time that will be spent on repaving work cannot be anticipated, as the appropriations for this work fluctuate and no one man spends all his time on one class of work. At the present time there is no fund in the 1913 Budget for charges against corporate stock, and I would therefore request that the revisions above referred to be effective as of January 1, 1913. Yours very truly,

MAURICE E. CONNOLLY, President of the Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, February 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 5, 1913, the President of the Borough of Queens requested modification of certain salary and wage schedules in his office for the year 1913. In connection therewith I report as follows:

The request is in Personal Service, Salaries, Regular Employees; Care of Highways, Engineering and Inspection, Tax Levy and Special and Trust Fund Force, No. 3110TS; Personal Service, Wages Regular Employees, care of Highways, Engineering and Inspection, Tax Levy and Special and Trust Fund Force, Code No. 3126TS; and Personal Service, Wages Temporary Employees, Care of Highways, Engineering and Inspection, Tax Levy and Special and Trust Fund Force, Code No. 3142TS.

The force employed in the Engineering and Inspection Division are partly engaged on work in connection with the repaving of streets, which is payable out of corporate stock funds. It is therefore proposed to decrease the Special and Trust Fund Allowance in each schedule and provide for a Corporate Stock Allowance.

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 Queens, for the year 1913, to be effective as of January 1, 1913, as follows:

Personal Service, Salaries, Regular Employees, Care of Highways.

Engineering and Inspection—
3110TS Tax Levy and Special and Trust Fund Force:

Assistant Engineer	$4,000 00
Assistant Engineer, 3 at $2,550	7,650 00
Assistant Engineer, 2 at $2,500	5,000 00
Assistant Engineer, 2 at $2,100	4,200 00
Assistant Engineer	1,800 00
Draftsman	1,800 00
Draftsman	1,500 00
Draftsman, 3 at $1,350	4,050 00
Draftsman	1,200 00
Transitman, 4 at $1,500	6,000 00
Transitman, 2 at $1,200	2,400 00
Chainman, 3 at $1,200	3,600 00
Rodman, 2 at $1,200	2,400 00
Rodman, 3 at $1,050	3,150 00
Axeman, 7 at $900	6,300 00
Inspector, 5 at $1,650	8,250 00
Inspector	1,500 00
Inspector	1,200 00
Engineer Inspector, 5 at $1,800	9,000 00
Inspector of Street Openings, 8 at $1,200	9,600 00
Stenographer and Typewriter	1,350 00
Stenographer and Typewriter	900 00
Typewriting Copyist	720 00
Clerk	900 00
Messenger	1,500 00
Chemist	1,800 00
Schedule Total	$91,770 00
Tax Levy Allowance	$24,059 00
Corporate Stock Allowance	20,000 00
Special and Trust Fund Allowance	47,711 00
	$91,770 00

Personal Service, Wages, Regular Employees, Care of Highways.

Engineering and Inspection—
3126TS Tax Levy and Special and Trust Fund Force:

Laborer, 7 at $2,50 per day (303 days)	$5,302 50
Schedule Total	$5,302 50
Tax Levy Allowance	$210 00
Corporate Stock Allowance	2,000 00
Special and Trust Fund Allowance	3,092 50
Total Allowance	$5,302 50

Personal Service, Wages, Temporary Employees, Care of Highways.

Engineering and Inspection—
3142TS Tax Levy and Special and Trust Fund Force:

Inspector, at $4 per day (5,625 days)	$22,500 00
Tax Levy, Part Allowance	$2,404 00
Corporate Stock Allowance	8,000 00
Special and Trust Fund Allowance	12,096 00
Total Allowance	$22,500 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Schedules (Cal. No. 26).

The Secretary presented:

Report of the Comptroller submitting for the consideration of the Board without recommendation, the request of the President of the Borough of Richmond for the

modification of salary schedules for his office for the year 1913, to permit of increasing the salary of Kenneth C. Gosling, a Transitman, from $1,350 to $1,650 per annum, which is not in accordance with the resolution adopted by the Board on January 30, 1913, relative to increasing salaries.

Which was referred to the Efficiency Bureau of the Board, when organized.

President of the Borough of Brooklyn—Modification of Schedule (Cal. No. 27).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, February 25, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller,* No. 280 Broadway, New York City:

Dear Sir—I transmit herewith modification of salary schedule No. 2937, Tax Levy, Special and Trust Fund Force in our Bureau of Sewers, and respectfully request that you have prepared by your Bureau of Statistics resolution for adoption by the Board of Estimate and Apportionment modifying this salary schedule. The changes contemplated in this schedule call for the reduction of one Draftsman from $1,800 to $1,650, and the increasing of one Mechanical Draftsman from $1,500 to $1,650.

I would thank you to have this matter given early consideration. Yours very truly,

L. H. POUNDS, Acting Borough President.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 25, 1913, the President of the Borough of Brooklyn requested modification of a salary schedule in his office for the year 1913. In connection therewith I report as follows:

The request is in the schedule entitled, "Salaries, Regular Employees, Care of Sewers, Engineering and Inspection, No. 2937 T. S., Tax Levy and Special and Trust Fund Force." It is proposed to reduce a position of Topographical Draftsman from $1,800 to $1,650 and to use the balance of $150 to increase Alfred H. Henderson, a Mechanical Draftsman, from $1,500 to $1,650 per annum.

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 February 1, 1913, as follows:

PRESIDENT, BOROUGH OF BROOKLYN.

Personal Service, Salaries, Regular Employees, Care of Sewers, Engineering and Inspection.

2937TS	Tax Levy and Special and Trust Fund Force—	
	Chief Engineer	$6,000 00
	Assistant Engineer, 4 at $4,000	16,000 00
	Assistant Engineer, 8 at $3,000	24,000 00
	Assistant Engineer	2,550 00
	Assistant Engineer, 9 at $2,250	20,250 00
	Assistant Engineer	2,100 00
	Assistant Engineer, 4 at $1,800	7,200 00
	Transitman, 6 at $1,800	10,800 00
	Leveler, 3 at $1,500	4,500 00
	Rodman, 9 at $1,200	10,800 00
	Rodman	1,050 00
	Axeman, 3 at $900	2,700 00
	Architectural Draftsman, 1 at $1,800	1,800 00
	Draftsman	1,800 00
	Topographical Draftsman, 3 at $1,800	5,400 00
	*Topographical Draftsman (A.S.I., $700), 1 at $1,800	1,800 00
	Topographical Draftsman, 3 at $1,650	4,950 00
	*Topographical Draftsman (A.S.I., $650), 1 at $1,650	1,650 00
	*Topographical Draftsman (A.S.I., $450), 1 at $1,650	1,650 00
	Topographical Draftsman, 6 at $1,500	9,000 00
	*Topographical Draftsman (A.S.I., $300), 1 at $1,500	1,500 00
	*Mechanical Draftsman (A.S.I., $650)	1,650 00
	Mechanical Draftsman	1,350 00
	Draftsman's Helper	1,050 00
	Clerk	2,100 00
	Clerk	1,800 00
	Clerk with knowledge of typewriting	1,500 00
	Clerk	1,050 00
	Clerk	600 00
	Stenographer and Typewriter, 3 at $1,200	3,600 00
	Auto Engineman	1,200 00
	Driver, 4 at $900	3,600 00
	Chemist	1,800 00
	Assistant Chemist	1,000 00
	Balance of Tax Levy appropriation replaced by revenue bonds	4,479 46
	Schedule total	$164,279 46
	Tax Levy Allowance	$81,275 02
	Special and Trust Fund Allowance	75,724 98
	Revenue Bond Allowance	7,279 46
	Total allowance	$164,279 46

Which was adopted by the following vote:

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

Charitable Institutions—Transfer of Appropriation (Cal. No. 28).

The Secretary presented the following:

The City of New York, Department of Finance, Comptroller's Office, February 24, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—I hereby make application for the transfer of $300.80 within the appropriation for Charitable Institutions for the year 1912. In connection therewith I report as follows:

The accounts to which transfers are requested are as follows:

1673	House of Mercy	$96 18
1737	St. Michaels Home	204 62
		$300 80

The appropriation for No. 1673 was $7,000. Liabilities for 1912 amount to $7,096.18, making necessary an additional $96.18.

The appropriation for No. 1737 was $35,000. Liabilities for 1912 amount to $35,204.62, making necessary an additional $204.62.

To make up the $300.80 necessary for these accounts, unencumbered balances are available as follows:

1723	St. Catharines Hospital	$300 80

The adoption of the attached resolution will grant the request. Yours very truly,

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 charitable institutions of The City of New York for the year 1912 as follows:

THE CITY OF NEW YORK FOR CHARITABLE INSTITUTIONS.

	FROM	
1723	St. Catharine's Hospital	$300 80
	TO	
1673	House of Mercy	$96 18
1737	St. Michael's Home	204 62
		$300 80

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, Modification of Schedules and Transfer of Appropriation (Cal. No. 29A).

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, February 15, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, and Chairman, Board of Estimate and Apportionment,* City Hall, New York City:

Sir—For repairs and replacements for Bath Houses and Comfort Stations it will be necessary to purchase a quantity of plumber's supplies and materials. These have been advertised for, and the contract is now ready to be awarded. The Budget for 1913 contains for the Care of Bath Houses and Comfort Stations $193.76, which is entirely insufficient. The repairs and replacements are absolutely necessary, therefore, application is respectfully made for a transfer of $1,000.

	FROM	
1669 of 1913.	General Plant Materials—Care of Parks and Boulevards—Care of Roads, Paths and Driveways	$1,000 00
	TO	
1674 of 1913.	General Plant Materials—Care of Parks and Boulevards—Care of Bath Houses and Comfort Stations	$1,000 00

This request is respectfully submitted with the hope that your Honorable Board will give it your prompt attention. Respectfully,

T. J. HIGGINS, Commissioner of Parks, Borough of The Bronx.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 15, 1913, the Commissioner of Parks, Borough of The Bronx, requested the transfer of $1,000 within the appropriations to his department for the year 1913. In connection therewith I report as follows:

It is proposed to transfer the amount from No. 1669, Materials, General Plant Materials, Care of Roads, Paths and Driveways, to No. 1674, Materials, General Plant Materials, Care of Bath Houses and Comfort Stations.

The appropriation for No. 1674 was $193.76. The Commissioner states that he finds it necessary to repair bath houses and comfort stations and that the additional $1,000 is needed for that purpose. There are nineteen bath houses and comfort stations under the jurisdiction of the Department, and a total allowance of $1,193.76 for No. 1674 appears reasonable.

The appropriation for No. 1669 was $14,245.45. The sum of $1,000 has been transferred out of the account. The Commissioner states that $1,000 is still available for transfer.

I recommend the adoption of the attached resolutions 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, Borough of The Bronx, for the year 1913, as follows:

	FROM	
1669	Materials, General Plant Materials, Care of Roads, Paths and Driveways	$1,000 00
	TO	
1674	Materials, General Plant Materials, Care of Bath Houses and Comfort Stations	$1,000 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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:

1669	Materials, General Plant Materials, Care of Roads, Paths and Driveways	$12,245 45
1674	Materials, General Plant Materials, Care of Bath Houses and Comfort Stations	1,193 76

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Appropriation (Cal. No. 29B).

The Secretary presented the following:

Department of Public Charities of The City of New York, Foot of East 26th Street, February 4, 1913.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—For the purpose of meeting deficiency in appropriation for the year 1913, Code 1029, request is hereby made for transfer as follows:

	FROM	
1045	Purchase of Equipment, Wearing Apparel, Institutional Care for Dependents, Manhattan and The Bronx	$1,000 00
	TO	
1029	Office Equipment, Non-Institutional Care for Dependents, Manhattan and The Bronx	1,000 00

Trusting that this request will receive your early and favorable consideration, I remain, respectfully yours,

M. J. DRUMMOND, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 27, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 4, 1913, the Commissioner of Public Charities requested the transfer of $1,000 within the appropriations to his department for the year 1913. In connection therewith I report as follows:

The proposed transfer is from Purchase of Equipment, Wearing Apparel, Institutional, Care for Dependents, No. 1045, Manhattan and The Bronx, to Purchase of Equipment, Office Equipment, Non-Institutional, Care for Dependents, No. 1029, Manhattan and The Bronx.

The appropriation for No. 1029 was $200. Owing to a considerable increase in the number of employees in the non-institutional bureaus of the department, the amount required for office equipment will be greater than was anticipated. The liabilities incurred to February 10, 1913, amount to $632.51, or $432.51 in excess of the amount appropriated.

A transfer of $750 at this time would seem to be ample.

I recommend the adoption of the attached resolutions approving the request to the extent of $750. 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	
	Purchase of Equipment, Wearing Apparel, Institutional Care for Dependents.	
1045	Manhattan and The Bronx	$750 00
	TO	
	Purchase of Equipment, Office Equipment, Non-Institutional Care for Dependents.	
1029	Manhattan and The Bronx	$750 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Public Charities for the year 1913, as follows:

DEPARTMENT OF PUBLIC CHARITIES.

	Purchase of Equipment, Office Equipment, Non-Institutional Care for Dependents.	
1029	Manhattan and The Bronx	$950 00

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 2 of Routes 36 and 37 extending from Beebe Avenue and Second Avenue to Ditmars Avenue and Second Avenue in the Borough of Queens, 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 A RAPID TRANSIT RAILROAD, ROUTES No. 36 AND 37, SECTION No. 2.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
Routes No. 36 and 37, Section No. 2.

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 2 of Routes No. 36 and 37, 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.
1b	For Column Excavation as specified in Section No. 74, per cubic yard.....	.....	11,800	.....
1c	For Railroad Duct Excavation as specified in Section No. 74, per cubic yard.....	.....	7,200	.....
6	For concrete, masonry in place, per cubic yard	.....	5,100	.....
9	For brick masonry, in place, per cubic yard	.....	10	.....
12	For timber piles, in place, and prepared per lineal foot	.....	2,000	.....
13	For timber foundations, placed and fastened, per thousand ft. B. M.....	.....	2M	.....
17	(e) For 4-inch vitrified pipe, in place per lineal ft.	.....	525	.....
18a	For Railroad ducts, in place, as required by Section No. 221, per duct ft.....	.....	212,000	.....
19	For riveted steel, painted and erected, per ton of two thousand pounds.....	.....	11,460	.....
20	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	370	.....
21	For steel rods and bars built in concrete, per ton of two thousand pounds.....	.....	2	.....
25a	For miscellaneous iron castings, such as column fenders, manhole heads and covers, gratings, pipes, etc., in place, per ton of two thousand pounds.....	.....	495	.....
25b	For new cast-iron hub and spigot pipe, special castings, in place, per ton of two thousand pounds	.....	20	.....
30	For street surface restored: (h) For all surfaces of whatever character, as required in Section No. 225, per square yard	.....	5,500	.....
75	For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary, as follows: (c) For electric (overhead trolley) railroads, per lineal foot of single track...	.....	12,750	.....

(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 fifty 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 the , 1913.

AFFIDAVIT OF VERIFICATION.

State of New York, City and County 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, February 10, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—The Public Service Commission for the First District transmitted on February 6, 1913, for approval and consent of the Board of Estimate and Apportionment, of award of proposed contract between The City of New York and the Cooper & Evans Company for the construction at public expense of section No. 2 of routes No. 36 and 37, of the proposed Astoria, Woodside and Corona Rapid Transit Railroad.

The communication requested the Board to prescribe the limit to the amount of bonds available to meet the requirements of said contract at $860,743.50, and to direct the Comptroller to issue bonds to that amount.

Section 2 begins at a point on 2d (formerly Debevoise) avenue, in the Borough of Queens, about 300 feet south of the centre line of Beebe avenue, and extends thence along and over 2d avenue to a point about 330 feet south of the centre line of Ditmas avenue, having local stations at Beebe, Washington, Grand and Ditmas avenues and at Broadway and an express station at Hoyt avenue. It will be of three-track elevated construction throughout its length of about 10,000 feet.

The contract award has been made to the low bidder of the 12 contestants.

I recommend that the Board of Estimate and Apportionment consent to this award and authorize the issuance of corporate stock requested.

Attached hereto is a resolution which prescribes a limit to the amount of bonds available for the contract and authorizes the necessary corporate stock.

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 on February 6, 1913, the Board of Estimate and Apportionment hereby consents to the proposed contract to be entered into between the Cooper & Evans Company and The City of New York, acting by the Public Service Commission for the First District, for the following purposes:

For the construction in the Borough of Queens of Section No. 2, Routes 36 and 37, known as the Astoria, Woodside and Corona Rapid Transit Railroad, beginning at a point on 2d avenue (formerly Debevoise), about three hundred (300) feet south of the centre line of Beebe, and extending along and over 2d avenue to a point about three hundred and thirty (330) feet south of the centre line of Ditmas avenue; with local stations at Beebe avenue, Washington avenue, Broadway, Grand avenue and Ditmas avenue and with an express station at Hoyt avenue; at a cost not to exceed eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50), and be it further

Resolved, That the Board of Estimate and Apportionment prescribes that the limit to the amount of the proceeds of corporate stock available for said purposes shall be eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50), and be it further

Resolved, That the Comptroller be and he is hereby authorized and directed to issue corporate stock of The City of New York to the amount of eight hundred and sixty thousand seven hundred and forty-three dollars and fifty cents ($860,743.50), at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds to the amount of the par value thereof to be issued for the purposes mentioned in the communication of the Public Service Commission for the First District to this Board, dated February 6, 1913.

Which was adopted by the following vote:

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

Release of $5,000,000 *from Corporate Stock Account C. F. M.-4, Etc.* (Cal. No. 20).

The Secretary presented:

Report of the Corporate Stock Budget Committee, recommending that pursuant to resolution adopted January 14, 1910, $5,000,000 be released from the corporate

*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 up in the following form, "the firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

*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."

Purchase of Equipment, Wearing Apparel, Institutional Care for Dependents.

1045 Manhattan and The Bronx 69,250 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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—Modification of Schedules and Transfer of Appropriation (Cal. No. 29C).

The Secretary presented the following:

The City of New York, Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, Borough of Brooklyn, January 31, 1913.

To the Honorable Board of Estimate and Apportionment of The City of New York:

Gentlemen—You are hereby respectfully requested to transfer the sum of fifteen thousand nine hundred ($15,900.00) dollars from the appropriation made to the Department of Parks, Borough of Brooklyn, for the year 1913, entitled and as follows:

General Plant Materials—	
Care of Roads, Paths and Driveways, 1913—1782	$15,900 00

—the same being in excess of the amount required for the purposes thereof, to the appropriations made to said Department for the year 1913, entitled and as follows:

Laundry, Cleaning and Disinfecting Supplies—	
Care of Bath Houses and Comfort Stations, 1913—1751	$100 00
General Plant Supplies—	
Care of Roads, Paths and Driveways, 1913—1756	1,000 00
Care of Trees, Shrubs, Flowers and Lawns, 1913—1757	1,000 00
Operation of Stables, 1913—1759	100 00
Care of Bath Houses and Comfort Stations, 1913—1760	1,000 00
Motorless Vehicles and Equipment—	
Operation of Stables, 1913—1766	$500 00
Wearing Apparel—	
Care of Trees in City Streets, 1913—1769	300 00
General Plant Equipment—	
General, 1913—1772	500 00
Care of Trees, Flowers, Shrubs and Lawns, 1913—1774	1,000 00
Care of Buildings, 1913—1775	200 00
Care of Bath Houses and Comfort Stations, 1913—1778	200 00
General Plant Materials—	
General, 1913—1781	3,000 00
Care of Buildings, 1913—1784	6,000 00
Care of Trees in City Streets, 1913—1786	1,000 00
	$15,900 00

These transfers are made necessary for the reason that the various items allowed in the Budget for 1913 were improperly classified under the departmental functions.

Very truly yours, M. J. KENNEDY, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 13, 1912, the Commissioner of Parks, Borough of Brooklyn, requested transfers in the sum of $15,900 within appropriations to his Department for the year 1913. In connection therewith I report as follows:

It is proposed to transfer the entire amount from No. 1782, Materials, General Plant Materials, Care of Parks and Boulevards, Care of Roads, Paths and Driveways, to the following accounts:

1751 Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Bath Houses and Comfort Stations	$100 00
1756 Supplies, General Plant Supplies, Administration, Care of Roads, Paths and Driveways	1,000 00
1757 Supplies, General Plant Supplies, Administration, Care of Trees, Shrubs, Flowers and Lawns	1,000 00
1759 Supplies, General Plant Supplies, Administration, Operation of Stables	100 00
1760 Supplies, General Plant Supplies, Administration, Care of Bath Houses and Comfort Stations	1,000 00
1766 Purchase of Equipment, Motorless Vehicles and Equipment, Care of Parks and Boulevards, Operation of Stables	500 00
1769 Purchase of Equipment, Wearing Apparel, Care of Trees in City Streets	300 00
1772 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, General	500 00
1774 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Trees, Flowers, Shrubs and Lawns	1,000 00
1775 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Buildings	200 00
1778 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Bath Houses and Comfort Stations	200 00
1781 Materials, General Plant Materials, Care of Parks and Boulevards, General	3,000 00
1784 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Buildings	6,000 00
1786 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Trees in City Streets	1,000 00
	$15,900 00

The Commissioner states that he finds the appropriation for No. 1782 to be $15,900 in excess of the amount required, and therefore requests the transfer of that amount as shown above.

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, Borough of Brooklyn, for the year 1913, as follows:

FROM

1782 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Roads, Paths and Driveways	$15,900 00

TO

1751 Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Bath Houses and Comfort Stations	$100 00
1756 Supplies, General Plant Supplies, Administration, Care of Roads, Paths and Driveways	1,000 00
1757 Supplies, General Plant Supplies, Administration, Care of Trees, Shrubs, Flowers and Lawns	1,000 00
1759 Supplies, General Plant Supplies, Administration, Operation of Stables	100 00
1760 Supplies, General Plant Supplies, Administration, Care of Bath Houses and Comfort Stations	1,000 00
1766 Purchase of Equipment, Motorless Vehicles and Equipment, Care of Parks and Boulevards, Operation of Stables	500 00
1769 Purchase of Equipment, Wearing Apparel, Care of Trees in City Streets	300 00
1772 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, General	500 00
1774 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Trees, Flowers, Shrubs and Lawns	1,000 00
1775 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Buildings	200 00
1778 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Bath Houses and Comfort Stations	200 00
1781 Materials, General Plant Materials, Care of Parks and Boulevards, General	3,000 00
1784 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Buildings	6,000 00
1786 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Trees in City Streets	1,000 00
	$15,900 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Department of Parks, Borough of Brooklyn, for the year 1913, as follows:

1751 Supplies, Laundry, Cleaning and Disinfecting Supplies, Care of Bath Houses and Comfort Stations	$190 00
1756 Supplies, General Plant Supplies, Administration, Care of Roads, Paths and Driveways	1,050 00
1757 Supplies, General Plant Supplies, Administration, Care of Trees, Shrubs, Flowers and Lawns	1,007 88
1759 Supplies, General Plant Supplies, Administration, Operation of Stables	141 70
1760 Supplies, General Plant Supplies, Administration, Care of Bath Houses and Comfort Stations	1,543 00
1766 Purchase and Equipment, Motorless Vehicles and Equipment, Care of Parks and Boulevards, Operation of Stables	1,450 00
1769 Purchase of Equipment, Wearing Apparel, Care of Trees in City Streets	591 10
1772 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, General	1,647 68
1774 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Trees, Shrubs, Flowers and Lawns	3,214 76
1775 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Buildings	264 10
1778 Purchase of Equipment, General Plant Equipment, Care of Parks and Boulevards, Care of Bath Houses and Comfort Stations	358 85
1781 Materials, General Plant Materials, Care of Parks and Boulevards, General	5,028 75
1782 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Roads, Paths and Driveways	14,107 70
1784 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Buildings	11,267 33
1786 Materials, General Plant Materials, Care of Parks and Boulevards, Care of Trees in City Streets	1,000 00
	$44,019 44

Which was adopted by the following vote:

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

Department of Correction—Transfer of Appropriation (Cal. No. 29D).

The Secretary presented the following:

Department of Correction of The City of New York, Commissioner's Office, 148 East 20th Street, New York, February 18, 1913.

JOSEPH HAAG, Esq., *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—I would respectfully request the Honorable the Board of Estimate and Apportionment to authorize the following transfer of funds from an appropriation made to this Department for the year 1912 to another appropriation in which the amount allowed is insufficient for the purpose thereof:

From appropriation entitled	
281 Maintenance and Operation, Fuel	$50 00
To appropriation entitled	
287 Maintenance and Operation, Contingencies	$50 00

Trusting that this will meet with the approval of your Honorable Board, I am,

Very respectfully, PATRICK A. WHITNEY, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 18, 1913, the Commissioner of Correction requested the transfer of $50 within appropriations to his department for the year 1912. In connection therewith I would report as follows:

The proposed transfer is from Fuel, No. 281, Maintenance and Operation, to Contingencies, No. 287, Maintenance and Operation.

The total appropriation for No. 281 was $3,900. The Commissioner states that a deficit of $50 in the account is due chiefly to expenditures for the City Prison, Queens, which came under his jurisdiction on June 1, 1912, and for which no extra allowance was made.

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 Department of Correction for the year 1912, as follows:

FROM

Fuel.

281 Maintenance and Operation	$50 00

TO

Contingencies.

287 Maintenance and Operation	$50 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 of Appropriation (Cal. No. 29E).

The Secretary presented the following:

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, February 18, 1913.

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

Gentlemen—I respectfully request a transfer of $320 within the appropriations made in the Budget for the year 1912, as follows:

FROM

Maintenance, Zoological Department.

939 Forage	$320 00

TO

Administration.

941 Telephone Service	$320 00

The transfer requested is necessary to liquidate outstanding telephone bills which were rendered after the year had closed. The total appropriation for "Telephone Service" amounted to $3,400, which included a transfer of $400 from the amount allowed for "Telephone Service" in the Department of Parks, Borough of Queens. The unexpended balance as of date is $302.08, while the outstanding liabilities amount to $613.03. The unpaid bills are being held in this office awaiting your action upon this request. Respectfully yours,

CHAS. B. STOVER, Commissioner of Parks, Boroughs of Manhattan and Richmond.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 18, 1913, the Commissioner of Parks, Boroughs of Manhattan and Richmond, requested transfer of $320 within appropriations to his Department for the year 1912. In connection therewith I report as follows:

It is proposed to transfer the amount from Forage, Maintenance, No. 939, Zoological Department, to Telephone Service, No. 941, Administration. The revised appro-

priation for Telephone Service was $3,400. This included a transfer of $400 from the telephone account for the Department of Parks, Borough of Queens, the offices of the Queens Department having been temporarily located in the Arsenal, Central Park.

The unencumbered balance in No. 941 is $302.08, while the outstanding liabilities amount to $613.03. It is estimated that the $320 will be sufficient to close the account.

The appropriation for No. 939 was $12,500. There is a sufficient balance in the account to permit of the proposed transfer.

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

939 Forage, Maintenance, Zoological Department..... $320 00

TO

941 Telephone Service, Administration..... $320 00

Which was adopted by the following vote:

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

Court of Special Sessions—Establishment of Grades of Position of Clerk of Court, Etc. (Cal. No. 30).

The Secretary presented:

Report of the Committee on Salaries and Grades, recommending that the request of the Chief Clerk of the Court of Special Sessions for the establishment of grades of position of Clerk of Court, Part III, Queens, and Part IV, Richmond, at $3,000 per annum, respectively, be referred to the Committee on Standardization of Salaries and Grades, as there are no funds available for the purpose, and the Budget Committee disallowed a similar request in the 1913 Budget.

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, and the Secretary directed to send a copy of the Report of the Committee on Salaries and Grades to the Chief Clerk, Court of Special Sessions.

Register, Kings County—Establishment of Position of Clerk, Etc. (Cal. No. 31).

The Secretary presented:

Report of the Committee on Salaries and Grades recommending that no action be taken on the request of the Register of Kings County for the establishment of the position of Clerk at $1,200 per annum for 35 incumbents, for the reason that it is proposed to change the title of 35 Copyists provided for in the 1913 Budget at $1,200 each per annum, to that of Clerk at the same rate, which is permissible under the rules governing the employment of Copyists for any kind of clerical work, necessitating no change of title.

(Under date of October 10, 1912, the Register of Kings County requested the Board to recommend to the Board of Aldermen the modification of Budget schedule for 1913, by changing the title of Copyist to that of Clerk.)

Which was ordered filed, and the Secretary directed to transmit a copy of the report of the Committee on Salaries and Grades to the Register of Kings County

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Department of Education—Issue of $20,000 Corporate Stock (Cal. No. 32).

The Secretary presented:

Communication from the Secretary of the Board of Education, transmitting certified copy of resolution adopted by said Board on February 26, 1913, requesting the issue of $20,000 corporate stock for Contingencies, Borings, Drafting Supplies, etc., in connection with the construction and equipment of new school buildings.

Which was referred to the Corporate Stock Budget Committee, consisting of the Comptroller, President of the Board of Aldermen and President of the Borough of Manhattan.

International Cities Exposition at Lyons, France—The City of New York to Participate Therein (Cal. No. 33).

The Secretary presented:

Communication from the Acting President, Borough of Brooklyn, transmitting, for the consideration of the Board, communication received from the Mayor of Lyons, France, expressing the desire that The City of New York participate in the International Cities Exposition to be held in the City of Lyons during the month of May, 1914.

Which was referred to the Mayor.

Department of Parks, Borough of Brooklyn—Approval of Form of Contract, Etc. (Cal. No. 34).

The Secretary presented:

Communication from the Commissioner of Parks, Borough of Brooklyn, returning for reconsideration by the Board, form of contract, for services of McKim, Mead and White, Architects, for the preparation of final specifications, etc., and supervising the construction of exhibition cases for the north side of the Egyptian Room in the Brooklyn Institute of Arts and Sciences.

(On October 24, 1912, the Board, on the recommendation of the Comptroller, returned to the Commissioner of Parks the above form of contract, for the reason that said contract called for the payment of a fee of 10 per cent. of the cost of the work, while the policy of the Board is not to allow more than seven and one-half per cent. for Architect's fees on final contracts for work of this nature.)

Which was referred to the Comptroller.

Register of New York County—Establishment of Grade of Position of Stenographer and Typewriter, Etc. (Cal. No. 35).

(On January 30, 1913, this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented the following:

Register's Office, Hall of Records, County of New York, January 23, 1913.

Board of Estimate and Apportionment, 277 Broadway, City:

Gentlemen—I respectfully ask that you recommend to the Board of Aldermen the establishment of the position of Stenographer in this office, salary $1,200 per annum, and if you so recommend and the position is established in conformity to section 56 of the charter, that you please modify the budget for this office for 1913, code No. 3626, "Personal Service, Salaries Regular Employees, Administration," by striking out line, "Clerk, 38, at $1,200, $45,600," and substituting line, "Clerk, 37, at $1,200, $44,400," and adding a new line to read: "Stenographer, 1 at $1,200, $1,200."

The amount of business here requires the services of a Stenographer, and it is of the utmost necessity that one should be attached to the general administration of the office. Such position in the general administration has never been established and the work and services of a Stenographer have always been performed by one of the Clerks.

The modification of the schedule and the establishment of the new position will not increase the appropriation for this office for 1913. Respectfully yours,

MAX S. GRIFENHAGEN, Register, New York County.

City of New York, Department of Finance, Comptroller's Office, February 21, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 23, 1913, the Register of New York County requested the establishment in his office of the grade of position of Stenographer at $1,200 per annum for one incumbent. In connection therewith we report as follows:

The Stenographic work in the general office of the Register is being done by a Clerk. The work consists of general correspondence and the making of certified copies of deeds, for which no payment is received by the City. The volume of work is heavy and frequently necessitates overtime work by the Clerk acting as Stenographer. The establishment is requested to make the title conform to the actual work performed.

The Register proposes, if the position is established, to appoint a stenographer from the Civil Service List, and to provide the necessary funds by abolishing the position of Clerk at $1,200.

No additional appropriation therefore will be required.

We are of the opinion it would be reasonable to allow the grade of position of Stenographer and Typewriter, at $900 per annum for one incumbent.

We recommend the adoption of the attached resolution approving establishment as indicated above. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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 Register of New York County of the grade of position in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Stenographer and Typewriter	$900 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Register of New York County.

President of the Borough of Richmond—Establishment of Grades of Positions of Storekeeper and Inspector of Repairs, etc. (Cal. No. 36).

(On January 23, 1913, this matter was referred to the Committee on Salaries and Grades).

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, January 20, 1913.

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

Dear Sirs—We have been allowed in the budget for 1913 in the Bureau of Public Buildings and Offices, the following:

Two Foremen at a per diem rate equivalent to $1,200 per year each;

One Storekeeper at a per diem rate equivalent to $900 per year.

We have been trying for some time to rearrange the work of this Bureau, so as to meet the changed conditions of keeping stores, and, at the same time, handling our departmental work. If the title of one of the Foremen could be changed to Storekeeper, which would require the majority of his time and still occasionally act as Foreman on detail, this would save the City the sum of $900 appropriated for the position of Storekeeper.

By changing the title of the other Foreman to Inspector of Repairs, for which work he has passed the Civil Service examination, his title would be more in accordance with his duties than at present. I might add that the other Foreman has also passed an examination and is eligible for the position of Storekeeper.

I therefore respectfully ask that your Board establish the following position in the Bureau of Public Buildings and Offices, of this office:

One Storekeeper at $1,200 per annum;

One Inspector of Repairs at $1,200 per annum.

Respectfully yours, GEORGE CROMWELL, President of the Borough.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 20, 1913, the President of the Borough of Richmond requested the establishment in his office of the grades of positions of Storekeeper, at $1,200, and Inspector of Repairs, at $1,200 per annum. In connection therewith we report as follows:

In 1912 the method of keeping stores was changed. Instead of having the stores distributed among the various public buildings, with divided responsibility, the plan was adopted of keeping all the stores in a central storeroom with one man responsible. In the budget for 1913 provision was made for this change by allowing a Storekeeper at $900 per annum.

The President states that a Foreman, at $4 per day, for 303 days, spends the greater part of his time in looking after the stores, occasionally acting as Foreman on detail; and that the $900 appropriated for a Storekeeper may be saved if the line for Foreman could be changed.

The Inspector of Repairs is requested, so that an employee under the title of Foreman may be given a title more in keeping with his duties.

The President further states that both individuals have qualified by Civil Service examinations for the proposed respective positions.

We recommend the adoption of the attached resolution approving the grades of position of Storekeeper, at $4 per day, and Inspector of Repairs, at $4 per day, for one incumbent each. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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 President of the Borough of Richmond of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Diem.	Number of Incumbents.
Storekeeper	$4 00	1
Inspector of Repairs	4 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Richmond.

Board of Estimate and Apportionment—Establishment of Grade of Position of Law Clerk, Etc. (Cal. No. 37).

(On January 30, 1913, this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented the following:

The City of New York, Board of Estimate and Apportionment, January 24, 1913.

Hon. William J. Gaynor, Mayor, Chairman of the Board of Estimate and Apportionment:

Sir—The highest grade established for Law Clerk in the Bureau of Franchises is $1,950. Recently I applied to the Civil Service Commission for an examination for promotion for Joseph A. Devery, a Law Clerk in this Bureau since 1906, and who is receiving a salary of $1,950. The request was denied, on the ground that no grades higher than $1,950 were established in the Board, and until such higher grades were established, no examinations for promotion could be held.

I would therefore request that the grade of Law Clerk be established at $2,100 and $2,250, each for one incumbent, in order to provide for promotions in the Bureau.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 25, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 24, 1913, the Chief Engineer in charge of the Bureau of Franchises of the Board of Estimate and Apportionment requested the establishment, pursuant to the provisions of section 56 of the Greater New York Charter, of the grades of the position of Law Clerk, at $2,100 and $2,250 per annum, for one incumbent each. In connection therewith we report as follows:

The highest grade of Law Clerk, established for your Board, is $1,950 per annum. The position is held by Joseph A. Devery, who has been employed as a Law Clerk in the Bureau of Franchises since 1906. The Chief Engineer states that he recently applied to the Municipal Civil Service Commission for a promotion examination for Mr. Devery. The request was denied on the grounds that no grades of position higher than $1,950 were established in the Board, and that until higher grades were established a promotion examination could not be held. Request, therefore, is made for the establishment of the next two higher grades of the position of Law Clerk.

The Chief Engineer states that he desires to increase Mr. Devery's salary to the

extent of $300. As the establishment of the grade of position at $2,250 per annum will permit of an increase in his salary of $300, and will also be sufficient to obtain the desired promotion examination, it will not be necessary to establish the additional grade of $2,100.

The money necessary to make the above increase in salary is to be transferred from the office of the President of the Borough of Manhattan to the Bureau of Franchises.

We recommend the adoption of the attached resolution approving the request to the extent of the establishment of the grade of position of Law Clerk at $2,250 per annum. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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 Board of Estimate and Apportionment, of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Law Clerk	$2,250 00	1

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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—Establishment of Various Grades of Positions (Cal. No. 38).

(On February 6, 1913, this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented the following:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 24, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 29, 1913, the President of the Borough of Manhattan, requested establishment in his office of certain grades of positions. On February 20, 1913, the request was orally amended to include the following grades:

Title.	Salary.	Incumbents.
Clerk	$3,500 00	1
Clerk	2,550 00	2
Clerk	2,250 00	1
Assistant Engineer	2,250 00	1
Librarian	1,350 00	1
Axeman	1,050 00	8
Inspector	1,350 00	2
Inspector of Public Works	2,100 00	1
Transitman	1,650 00	2
Stationary Engineer	6 00 per day	1

In connection therewith we report as follows:

The grade of Clerk, at $3,500, is proposed to increase the salary of Stephen Kelly, Clerk, from $2,850. Mr. Kelley is in charge of the Division of Appointments and Local Board. He has supervision as to appointments, resignations, increases and decreases in salaries, etc., of the entire force of the Borough President's office, numbering about 2,500 employees. He is Clerk to the Local Boards and is an expert on Civil Service and Public Improvement matters. His duties are varied and exacting, requiring a special knowledge of many varied subjects. His service has extended over a period of 14 years, he having entered the employment of the City, as Clerk, at $1,350, on June 15, 1899. His record in the Department is excellent. We are of the opinion the grade should be established.

The grade of Clerk at $2,550 is for the purpose of increasing the salaries of James H. McDermott, Clerk, at $2,400, in charge of the Payroll Division and of James Carraher, Clerk, at $2,400, in charge of the Contract Division. Mr. McDermott entered the City's employ, as Clerk, at $1,200, on November 2, 1899, and Mr. Carraher on September 17, 1886, as Clerk, at $1,500. The President states that they are both very efficient and that he proposes the increases to reward them for long and faithful service. We are of the opinion that the grade should be established.

The grade of Clerk at $2,250 is proposed to increase the salary of Edward Brady, Clerk, at $2,100, Assistant to the Clerk in charge of the Division of Sidewalks, Street Signs and Encumbrances. Mr. Brady entered the service of the City on April 16, 1895, as Clerk, at $1,000. The President states that he has shown unusual ability in the campaign for the removal of sidewalk encroachments. For this reason and because of his general efficiency the increase is proposed. We are of the opinion the grade should be established.

The grade of Assistant Engineer at $2,250 is proposed to increase the salary of Charles H. Levy, Assistant Engineer, at $2,100, in charge of the Division of Highways in the Bureau of Design and Survey. Mr. Levy started his employment with the City on April 16, 1906. The President states that he is very competent and has handled the difficult work of his division satisfactorily. We are of the opinion the grade should be established.

The grade of Librarian, at $1,350, is for the purpose of increasing the salary of Gertrude L. Farrington, Librarian to the Bureau of Design and Survey, at $1,200. Formerly about eighteen thousand copies of valuable records, maps and volumes of data, dating back more than 100 years and belonging to the Bureau of Design and Survey, were kept in an unsystematic condition. Miss Farrington has had charge of the restoring, compiling, indexing, and filing of these records, etc. She entered on the work on May 10, 1912, and is a qualified librarian, having been employed as such in the Queens Borough Public Library prior to her present employment. The President states that the work is of great value and that because of Miss Farrington's efficiency he requests the increase. We are of the opinion the grade should be established.

The grade of Axeman, at $1,050, is for the purpose of increasing the salaries of eight axemen, at $900 each, employed in the Bureau of Design and Survey. The grade of Axeman is just above that of Laborer. The duties are not onerous nor exacting. It is open to the eight men it is proposed to increase to take a promotion examination for the higher grade of Rodman. The maximum rate generally paid in city departments to Axeman is $900, the rate paid these incumbents.

We are of the opinion there should be no increase above this rate, and recommend that this item in the request be not approved.

The grade of Inspector, at $1,350, is to permit of increases in salary for William Clark and Henry W. Kennedy, Inspectors of Eucumbrances, at $1,200 each, in the Division of Sidewalks, Street Signs and Encumbrances. Mr. Clark entered the City's employ as Inspector, at $900, on August 17, 1896, and Mr. Kennedy as Inspector, at $900, on August 30, 1893. The President states that they are efficient and that their record in the department is good. We are of the opinion that the grade should be established.

The grade of Inspector of Public Works, at $2,100, is for the purpose of increasing the salary of William Goldsmith, Inspector, at $1,800; in charge of the Permit Division. Mr. Goldsmith's service with the City began as Inspector, at $1,500, on July 5, 1911. He is an engineer, and has recently taken an examination for Assistant Engineer Grade E. The President states he is very capable and performs his duties efficiently and conscientiously. We are of the opinion the grade should be established.

The grade of Transitman, at $1,650, is proposed to increase the salaries of Joseph Frank and Morris Jaffe, Transitmen, at $1,500 each, in the Bureau of Highways. Mr. Jaffe's service with the City began on March 8, 1910, as Transitman, at his present salary, and Mr. Frank's on April 12, 1910, as Transitman, at $1,350. Both are stated to be very efficient. We are of the opinion the grade should be established.

The grade of Stationary Engineer at $6 per day is proposed for an increase of $1 per day for John J. Daly, Engineer in charge of the Hall of Records. The prevailing rate of wage for Stationary Engineer is $4.50 per day. Although at present the grade exists for two incumbents at $6 per day in the office of the President of the Borough of Manhattan, we deem it advisable that, because the request is so much in excess of the prevailing rate, this part of the request be referred to the Committee on Standardization of Salaries and Grades.

Funds for the increases can be provided by schedule modifications within the present appropriations, and in conformity with the resolution governing salary increases adopted by your board on January 30, 1913. We recommend the adoption of the attached resolution recommending the establishment of the grades requested, except that of Axeman at $1,050.

Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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 that portion of the request of the President of the Borough of Manhattan, as set forth in a communication dated January 29, 1913, relative to the establishment of the grade of position of Axeman at $1,050 per annum, for eight incumbents.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 56 of the Greater New York Charter, recommends to the Board of Aldermen the establishment in the office of the President of the Borough of Manhattan, of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Clerk	$3,500 00	1
Clerk	2,550 00	2
Clerk	2,250 00	1
Assistant Engineer	2,250 00	1
Librarian	1,350 00	1
Inspector	1,350 00	2
Inspector of Public Works	2,100 00	1
Transitman	1,650 00	2

Which was adopted by the following vote:

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

That portion of the request relative to the establishment of the grade of position of Stationary Engineer at $6 per diem 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.

Department of Bellevue and Allied Hospitals—Establishment of Grade of Position of Supervising Nurse, Etc. (Cal. No. 39).

(On January 24, 1913, this matter was referred to the Committee on Salaries and Grades.)

The Secretary presented the following:

Bellevue and Allied Hospitals, Office of the Board of Trustees, 1st Avenue and 26th Street, New York, January 24, 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 establishment of the grade of Trained Nurse at $1,200 per annum. This grade is requested for the Trained Nurse in charge of the Social Service Department at Bellevue Hospital. The funds are within the appropriation and available. Respectfully,

J. K. PAULDING, Secretary, Board of Trustees.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 24, 1913, the Board of Trustees of Bellevue and Allied Hospitals requested the establishment, pursuant to the provisions of section 56 of the Greater New York Charter, of the grade of position of Trained Nurse, at $1,200 per annum. On February 10, 1913, the Board of Trustees verbally requested the substitution of "Supervising Nurse, Social Service." for "Trained Nurse," at the same rate. In connection therewith, we report as follows:

The grade is for Miss Mary Wadley, who entered the service on July 9, 1906, as Trained Nurse, at $720 per annum. Her salary was increased in January, 1909, to $800, and in July, 1909, to $900 per annum.

The Board of Trustees states as follows:

"Miss Wadley has been engaged in social service work from the time of entering the service, and has developed the work. She is especially qualified as an executive. There are now fifteen Social Service Nurses in the department, and the work has so grown that a supervisor is needed."

The funds necessary for the increase of salary are to be provided by the reduction of a position of Trained Nurse at $900 to a Trained Nurse at $600 per annum.

We recommend the adoption of the attached resolution approving the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen, Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 56 of the Greater New York Charter, the Board of Estimate and Apportionment recommends to the Board of Aldermen the establishment in the Department of Bellevue and Allied Hospitals of the grade of position, in addition to those heretofore established, as follows:

	Per Annum.	No. of Incumbents.
Supervising Nurse, Social Service	$1,200 00	1

Which was adopted by the following vote:

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

Brooklyn Public Library—Issue of $2,600 Corporate Stock (Cal. No. 40).

The Secretary presented the following:

Andrew Carnegie Fund, Brooklyn Public Library, 26 Brevoort Place, January 27, 1913.

Hon. William A. Prendergast, Chairman, Corporate Stock Budget Committee of the Board of Estimate and Apportionment, 280 Broadway, Borough of Manhattan:

Dear Sir—Referring to the call of Mr. John W. Devoy, Treasurer of the Brooklyn Public Library, I would request the favorable consideration by the Corporate Stock Budget Committee of the Board of Estimate and Apportionment for an issue of corporate stock to the amount of $2,600, to provide means for the acquisition of a parcel of ground, 20 feet in width by 100 feet in depth, adjoining the present plot which has been acquired by The City of New York as a site for a Carnegie Library, at the southeast corner of Schenectady avenue and Eastern parkway, Borough of Brooklyn.

The reason this additional lot is required is because of the fact that there is a court-yard restriction of 30 feet on Eastern parkway, which so diminishes the size of the plot as to make it unavailable for the purposes of a Carnegie Library. The cost is very insignificant as compared with the result that will be obtained in the locating of this building on the plot in question.

May I ask that you give this matter your prompt consideration. Yours truly,

DAVID A. BOODY, President, Brooklyn Public Library.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 20, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 27, 1913, the President of the Brooklyn Public Library requested $2.600 in corporate stock, to acquire an additional lot on Schenectady avenue, Brooklyn, adjoining a site already acquired at the corner of Schenectady avenue and Eastern parkway. In connection therewith we report as follows:

On February 16, 1912, the City purchased a plot 100 feet by 100 feet at the corner of Schenectady avenue and Eastern parkway, as a site for a new Carnegie

Library. Plans for the building were prepared and are now ready. They provide for a building approximately eighty feet deep.

In the deed to the corner plot there is a court-yard restriction on Eastern parkway of thirty feet, which was placed there under a legislative act (chapter 631, Laws of 1868), and will probably run forever. With this restriction the plot is not large enough for the building. It is proposed to acquire the lot adjoining on Schenectady avenue. This will leave a space of approximately ten feet at the rear of the building for light and air. The price is reasonable.

We recommend the adoption of the attached resolution granting the request.

Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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 580 of the Laws of 1901, 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 two thousand six hundred dollars ($2,600), to provide means for the acquisition of a lot of land 20 feet by 100 feet on the easterly side of Schenectady avenue, one hundred feet south of the southerly side of Eastern parkway, Borough of Brooklyn, as a site for a public library, under the jurisdiction of the Brooklyn Public Library, 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.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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—Issue of $45,170 *Corporate Stock* (Cal. No. 41).

(On February 13, 1913, this matter was referred to the Corporate Stock Budget Committee).

The Secretary presented the following:

Department of Public Charities of The City of New York, Foot of East 26th Street, February 6, 1913.

In Re Fire Protection for the Institutions in the Department of Public Charities.

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

Gentlemen—I am very anxious that immediate action be taken, if possible, on the resolution of the Board of Aldermen adopted July 11, 1911, appropriating Revenue Bonds to the amount of $200,133, for fire protection for the institutions in the Department of Public Charities, to the extent of $45,170, necessary for installing fire alarm systems in the City Hospital, the City Home and Metropolitan Hospital, Blackwells Island, the New York City Children's Hospital and Schools, Randalls Island, the Farm Colony, Staten Island, Kings County Hospital and Cumberland Street Hospital, Brooklyn, the Municipal Lodging House, the Children's Bureau, Departmental Headquarters, and the City Morgue, Manhattan.

The work of installing this apparatus could be accomplished quickly and would prove of the greatest benefit in protecting the lives of the patients and inmates cared for by the department and the property of the department.

Respectfully yours, MICHAEL J. DRUMMOND, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 24, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 6, 1913, the Commissioner of Public Charities requested special revenue bonds in the sum of $45,170, to provide means for the installation of fire alarm systems in the City Hospital, City Home and Metropolitan Hospital Districts, Blackwells Island; Randalls Island; the Farm Colony, Staten Island; Kings County Hospital, and Cumberland Street Hospital, Brooklyn; the Municipal Lodging House, the Children's Bureau, Departmental Headquarters, and City Morgue, Manhattan.

The request is for a part allowance of the $200,133 in special revenue bonds, requested by the Board of Aldermen on July 11, 1911, for fire protection work in the Department.

On February 21, 1912, the Board of Estimate and Apportionment approved an issue of corporate stock in the sum of $3,000, for fire protection work in various buildings under the jurisdiction of the Department of Public Charities, and for the employment of Expert Engineers or Architects to study and report upon the best system of fire protection for these buildings.

On July 11, 1912, the Board of Estimate and Apportionment approved the form of contract for the employment of H. F. J. Porter, M.E., to study and report upon the best system of fire protection for these buildings.

The present request of the Commissioner is based upon the recommendations in Mr. Porter's report. The amount of $45,170 is made up as follows:

Fire Alarm Systems.

		Estimated Cost.
1.	City Hospital District	$4,900 00
2.	City Home District	6,500 00
3.	Metropolitan Hospital District	7,000 00
4.	Randalls Island	8,500 00
5.	Farm Colony	3,600 00
6.	Kings County Hospital	9,800 00
7.	Cumberland Street Hospital	2,170 00
8.	Miscellaneous Buildings	2,700 00
		$45,170 00

We are of the opinion that the cost of the above work properly should be charged to corporate stock, as the improvements consist of new work.

The work appears to be urgent and the estimates of cost are reasonable.

We recommend, therefore, the adoption of the attached resolution approving of an issue of corporate stock in the sum of $45,170 to provide means for the installation of fire alarm systems in the groups of buildings enumerated above. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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, 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 forty-five thousand one hundred and seventy dollars ($45,170), 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

—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 following vote:

Affirmative—The Mayor, the Comptroller, the 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 Corporate Stock Budget Committee to the Commissioner of Public Charities.

President of the Borough of Richmond—Additional Issue of $4,650 *Corporate Stock.* (Cal. No. 42).

(On January 16, 1913, this matter was referred to the Corporate Stock Budget Committee).

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, January 10, 1913.

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

Gentlemen—I would ask for the earliest possible action upon the issue of corporate stock to the amount of $4,650 for engineering work in connection with grade crossing elimination in this borough.

One extensive piece of work is drawing to a close, but will require four or five months' attention.

Another even more important construction is to be begun at once. That you may have full information upon the subject, the following report has been prepared by our Engineering Bureau:

"The amount of money available for salaries of an engineer and assistants, in connection with the elimination of grade crossings in this borough, on January 1, 1913, is $1,620.75. We need for the year 1913 $6,250, as follows:

1 Assistant Engineer, at $2,700, one year	$2,700 00
1 Draughtsman, at $1,200, eight months	800 00
1 Inspector, at $1,350, one year	1,350 00
1 Inspector, at $1,200, six months	600 00
1 Transitman, at $1,800, two months	300 00
1 Rodman, at $1,200, two months	200 00
2 Laborers, at $900, two months	300 00
Total	$6,250 00

There is, therefore, a probable deficiency of $4,629.25, and I would ask that additional corporate stock be issued, so that this work may be carried on during the coming year.

In explanation of the above request, will say that the present contract work of elimination at Huguenot crossing will probably be completed in about four months; an inspector must be in constant attendance, representing this Department, as we have to certify to one-fourth of the cost.

The Crooks crossing elimination is to commence and we will need an inspector there at once; that work will be carried on throughout the year. As much of the work is being done by the Staten Island Railway Co., through its own force, it is necessary for us to check up their time account, and all materials delivered and charged, and in many cases we have to separate these items from their own work which is going on in that vicinity. For the month of October, as an example: These items included 9,000 hours of labor at 13 different prices.

The Engineer in charge of this work, representing this Department, is unable, without assistance, to compute and check all of the many items of expenditure entering into this work; and there is also some necessary checking of field work to be done by him, for which he needs the occasional services of a field party. This has all been considered carefully and kept down to a minimum expenditure in the schedule outlined above.

Yours respectfully, GEORGE CROMWELL, President of the Borough.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 10, 1913, the President of the Borough of Richmond requested early action on a request for an authorization of $4,650 corporate stock for salaries for the engineering staff working on the elimination of grade crossings in the Borough of Richmond. In connection therewith, we report as follows:

The estimated cost of the salaries for 1913 of employees engaged on this work is $6,250. On January 1, 1913, the available balance was $1,620.75. The request is for $4,650. Work at the Huguenot crossing is almost completed, but the presence of an inspector is necessary, as the President has to certify to one-fourth of the cost. A similar work has been projected at Crooks crossing, and actual construction will commence in the immediate future.

The nature of the work performed by the City employees is principally that of inspection after the plans have been duly adopted pursuant to the provisions of the Railroad Law. The greater part of the expense of construction is borne by the railroad companies.

Appropriations amounting to $10,000 have been made for this purpose and $9,500 transferred to the account.

Against the balance of $1,620.75 on January 1, 1913, is set up the estimated cost for the year 1913, based upon the following schedule:

Assistant Engineer, 1 at $2,700	$2,700 00
Draughtsman, at $1,200 (eight months)	800 00
Inspector, at $1,350	1,350 00
Inspector, at $1,200 (six months)	600 00
Transitman, 1 at $1,800 (two months)	300 00
Rodman, 1 at $1,200 (two months)	200 00
Laborers, 2 at $900 (two months)	300 00
	$6,250 00

We recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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 four thousand six hundred and fifty dollars ($4,650.00) in addition to amounts heretofore authorized for the purpose of defraying the expense of making studies and plans for the elimination of grade crossings of steam railroads in the Borough of Richmond, under the jurisdiction of the President of the Borough of Richmond, 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 following vote:

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

President of the Borough of Richmond—Issue of $10,500 *Corporate Stock* (Cal. No. 43).

(On January 23, 1913, this matter was referred to the Corporate Stock Budget Committee.)

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, January 17, 1913.

Board of Estimate and Apportionment, No. 277 Broadway, New York:

Gentlemen—I would ask for the issuance of $10,500 corporate stock to provide for further work in connection with the Richmond Borough Hall for the following reason.

Some two years ago, upon favorable report from the Corporate Stock Budget Committee, we were authorized to spend a certain balance of corporate stock originally appropriated for the "Completion of approach work and grounds in connection with the Borough Hall, Borough of Richmond, City of New York, with all work incidental thereto," for purpose of completing the coping, sidewalks, grading and turfing of the Borough Hall grounds and the building of a large coal storage bin beneath the floor and sidewalk at the west of the structure, so as to permit us to purchase coal in larger quantities and get resulting benefit in price.

Owing to the changes in labor and supply conditions, the cost of completing the grounds and walls was much larger than anticipated, even though good competition was secured in the bidding. That work has now been finished and there remains but a balance of $1,640 in the fund, and we have prepared plans and have made estimates for the coal bin, and in our best judgment the work will cost in the neighborhood of $12,000.

There will be a still further advantage in having these large coal bins from the

fact that the new additional County Courthouse is to be built upon a site adjoining the Borough Hall and will be heated and power will be furnished from the boiler plant in the Borough Hall, as extended somewhat for the purpose. It will necessarily take some time, even after the stock is authorized, to provide the necessary contract plans, to secure bids and carry on the work which should be all finished in time to take advantage of the lowest coal prices available in the early autumn.

Yours very truly, GEORGE CROMWELL, President of the Borough.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 18, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 17, 1913, the President of the Borough of Richmond requested an issue of $10,500 corporate stock to provide for further work incidental to the completion of the Richmond Borough Hall. In connection therewith we report as follows:

Plans and estimates have been made for the construction of coal bins with storage capacity sufficient to provide fuel for a central plant to heat the Borough Hall and the new County Court House. The cost of construction is estimated at $12,000. It is for this purpose that corporate stock is requested.

One of the advantages urged by the Borough President in favor of large storage bins is that coal could be purchased in boat-load quantities at a saving of 50 cents to 75 cents per ton. It has been suggested that the same advantage may be secured by contracting for cargo lots, deliveries to be made on order, thereby avoiding the expense of storage. The Borough President has agreed to try this method, but if it proves unsuccessful, the request for corporate stock to construct storage bins will be renewed.

We recommend, therefore, that the request be not approved. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Borough of Manhattan; GEORGE McANENY, President, Board of Aldermen; Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby *disapproves* of the request of the President, Borough of Richmond, as set forth in a communication dated January 17, 1913, for the issue of ten thousand five hundred dollars ($10,500) corporate stock to provide for further work in connection with the Richmond Borough Hall.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Corporate Stock Budget Committee, to the President of the Borough of Richmond.

Department of Water Supply, Gas and Electricity—Issue of $1,825 *Special Revenue Bonds, and Approval of Schedule* (Cal. No. 44).

(On February 20, 1913, this matter was referred to the Comptroller.)

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 one thousand eight hundred and twenty-five dollars ($1,825), the proceeds whereof to be used by the Department of Water Supply, Gas and Electricity, for the purpose of paying the salary of Foreman John F. Grady from January 1 to December 31, 1913.

Adopted by the Board of Aldermen February 4, 1913, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor February 18, 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.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 4, 1913, the Board of Aldermen adopted a resolution requesting $1,825 in special revenue bonds, to be used by the Department of Water Supply, Gas and Electricity "for the purpose of paying the salary of Foreman John F. Grady from January 1 to December 31, 1913."

This action was pursuant to a request by the Commissioner of Water Supply, Gas and Electricity, under date of January 17, 1913, reading as follows:

> "Mr. John F. Grady, Foreman in charge of the company assigned to the repair and maintenance of the water distribution system in the lower section of the Borough of Manhattan, and who has been connected with the City service for forty-two years, presented to me last year his application for retirement. The matter was later referred to the Board of Estimate and Apportionment and by it transmitted to the Comptroller for report. No action has been taken upon said application. I understand that about that time the Comptroller was served with an injunction by a taxpayer restraining him from paying any moneys to City employees retired under authority of chapter 669 of the Laws of 1911. In preparing the Department's estimate for funds required for the current year no provision was made for the continued employment of Foreman Grady. It was my belief that he would be retired some time last year, and consequently there would be no necessity for appropriating any money for his salary. Unfortunately, the suit brought by the taxpayer has not yet been decided. As you will see, this has brought about a rather embarrassing situation, so far as Mr. Grady is concerned, and if the taxpayer's suit should terminate adversely to the City Mr. Grady will, no doubt, remain with the Department.
>
> "I would therefore respectfully request that the Board of Aldermen provide special revenue bonds in the sum of $1,825, the proceeds whereof to be applied to the payment of Mr. Grady's wages for the year 1913."

In a communication addressed to me, under date of February 25, 1913, the Commissioner states the following:

> "My attention has been called to the fact that in the resolution adopted by the Board of Aldermen on February 4, 1913, referring to the issue of special revenue bonds to provide for the payment of wages of one of the Department Foremen, the name is given as John F. Grady. It appears that Mr. Grady has no middle name, but there is no other employee bearing the name of John Grady holding the position of Foreman."

On January 4, 1912, the Mayor recommended the retirement, pursuant to the provisions of sections 165, 166 and 167 of the Greater New York Charter, as amended, of Mr. Grady, but, as stated by the Commission, no action on this recommendation has yet been taken by your Board, and Mr. Grady is still performing service for the Department.

Mr. Grady's rate of compensation as Foreman has been $5 per day since April 1, 1877, and he is employed every day of the year. The $1,825 requested will provide for 365 days at $5 per day.

Pending action by your Board in the matter of Mr. Grady's retirement from active service, and in order that he may receive pay while actually employed, I recommend the adoption of the attached resolutions concurring in the request of the Board of Aldermen, with the correction of the clerical error previously noted; and providing for the necessary schedule modification.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on February 4, 1913, requesting an issue of special revenue bonds in the sum of one thousand eight hundred and twenty-five dollars ($1,825), the proceeds whereof to be used by the Department of Water Supply, Gas and Electricity for the purpose of paying the salary of Foreman John F. Grady, from January 1 to December 31, 1913, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, said amount to be administered in connection with the appropriation made to the Department of Water Supply, Gas and Electricity for the year 1913 entitled Personal Service, Wages, Regular Employees, Water Supply, Distribution, No. 705TC Tax Levy and Corporate Stock Force, Tax Levy Allowance, and used to provide for the compensation of Foreman John Grady, at the rate of $5 per day during the year 1913, 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 one thousand eight hundred and twenty-five dollars ($1,825), 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 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 January 1, 1913, as follows:

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Personal Service, Wages, Regular Employees, Water Supply Distribution.

		Paid from Tax Levy and Corporate Stock.	Paid from Special Revenue Bonds.	Total.
705TC	Tax Levy and Corporate Stock Force—			
	Foreman, 1, at $5 per day (365 days)	.....	$1,825 00	$1,825 00
	Inspector, 2, at $5 per day (365 days)	$3,650 00	.....	3,650 00
	Inspector, 1, at $5 per day (303 days)	1,515 00	.....	1,515 00
	Foreman, 13, at $5 per day (365 days)	23,725 00	.....	23,725 00
	Foreman, 1, at $5 per day (303 days)	1,515 00	.....	1,515 00
	Assistant Foreman, 2, at $4 per day (303 days)	2,424 00	.....	2,424 00
	Assistant Foreman, 19, at $3 per day (303 days)	17,271 00	.....	17,271 00
	Carpenter, 2, at $5 per day (303 days)	3,030 00	.....	3,030 00
	Housesmith, 1, at $5 per day (303 days)	1,515 00	.....	1,515 00
	Machinist, 2, at $4.50 per day (303 days)	2,727 00	.....	2,727 00
	Machinist's Helper, 4, at $3 per day (303 days)	3,636 00	.....	3,636 00
	Blacksmith, 1, at $4.50 per day (303 days)	1,363 50	.....	1,363 50
	Blacksmith's Helper, 1, at $3 per day (303 days)	909 00	.....	909 00
	Flagger, 1, at $4.50 per day (303 days)	1,363 50	.....	1,363 50
	Tapper, 7, at $4 per day (303 days)	8,484 00	.....	8,484 00
	Caulker, 2, at $4 per day (303 days)	2,424 00	.....	2,424 00
	Toolman, 1, at $2.50 per day (303 days)	757 50	.....	757 50
	Driver, 3, at $2.50 per day (303 days)	2,272 50	.....	2,272 50
	Laborer, 1, at $3 per day (303 days)	909 00	.....	909 00
	Laborer, 102, at $2.50 per day (365 days)	93,075 00	.....	93,075 00
	Laborer, 188, at $2.50 per day (303 days)	142,410 00	.....	142,410 00
	Schedule Total			$316,801 00
	Tax Levy Allowance			$245,595 55
	Corporate Stock Allowance			69,380 45
	Special Revenue Bond Allowance			1,825 00
	Total Allowance			$316,801 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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—Issue of $1,000 *Special Revenue Bonds* (Cal. No. 45)

The Secretary presented:

Report of the Comptroller recommending that no action be taken on the resolution of the Board of Aldermen adopted January 28, 1913, amending its resolution of December 17, 1912, relative to the issue of $1,000 special revenue bonds for the purpose of replacing mutilated and missing street signs, etc., in the borough of Richmond, by eliminating the clause restricting the appropriation to the year 1912, for the reason that the Board, on January 16, 1913, on the recommendation of the Comptroller, disapproved the granting of the above appropriation.

(On February 20, 1913, the above amended resolution was referred to the Comptroller).

Which was ordered on file, and the Secretary was directed to notify the Board of Aldermen and the President, Borough of Richmond.

Department of Street Cleaning—Issue of $600 *Special Revenue Bonds* (Cal. No. 46).

(On February 20, 1913, this matter was referred to the Comptroller).

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 six hundred dollars ($600), the proceeds whereof to be used by the Commissioner of Street Cleaning for the purpose of meeting increase in salary of Edward P. Greene, Assistant Superintendent of Final Disposition, from $1,500 to $2,100 per annum.

Adopted by the Board of Aldermen January 28, 1913, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor February 11, 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, February 27, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 28, 1913, the Board of Aldermen adopted the following resolution, viz:

> "Resolved, That, in pursuance to 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 six hundred dollars ($600), the proceeds whereof to be used by the Commissioner of Street Cleaning for the purpose of meeting increase in salary of Edward P. Greene, Assistant Superintendent of Final Disposition, from $1,500 to $2,100 per annum."

Upon investigation, I find that the proposed increase of $600 for this position would be a direct violation of the conditions of the resolution of the Board of Estimate and Apportionment adopted January 30, 1913, in relation to salary increases, in as much as the Commissioner of Street Cleaning states that he has no vacancies within his department other than those he intended filling at the earliest possible moment, and that there are no positions in which he intends to make a reduction in salary.

The Commissioner states that the said Edward P. Greene was eligible for an appointment as a District Superintendent at $2,100 per annum but that he is a very valuable man in his present position as Assistant Superintendent of Final Disposition and wished to retain him in said position. Therefore, he feels that the man should be paid at the rate he would have received had he accepted the position of District Superintendent.

But in view of the resolution adopted by this Board on January 30, 1913, I cannot recommend the approval of the revenue bond request.

I recommend that the request be disallowed.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby *disapproves* of the request of the Board of Aldermen, as set forth in a resolution adopted by said Board January 28, 1913, for the issue of six hundred dollars ($600) Special Revenue Bonds, the proceeds whereof to be used by the Commissioner of Street Cleaning for increasing the salary of Edward P. Greene, Assistant Superintendent of Final Disposition from $1,500 to $2,100 per annum.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 notify the Board of Aldermen and Comissioner of Street Cleaning.

Department of Education—Approval of Form of Contract, Etc. (Cal. No. 47).

The Secretary presented the following:

Board of Education, Park avenue and 59th street, New York, February 20, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—I beg to advise you of the receipt of a communication from Mr. C. B. J. Snyder, Superintendent of School Buildings, dated February 19, 1913, as follows:

"I am forwarding herewith plans and specifications for Fire Protection Work at Public Schools 1, 3, 6, 9, 11, 12, 18, 19, 24, 25 and 26, Borough of Richmond, for transmission to the Comptroller, to be presented to the Board of Estimate and Apportionment, in compliance with the resolution adopted by that Board on January 5, 1911:

	Approximate Cost.
Public School 1	$250 00
Public School 3	200 00
Public School 6	500 00
Public School 9	1,100 00
Public School 11	500 00
Public School 12	1,250 00
Public School 18	3,000 00
Public School 19	1,900 00
Public School 24	930 00
Public School 25	830 00
Public School 26	1,050 00

The Superintendent of School Buildings states that on Public Schools 1 and 3 no plans are required; and that the cost of the work is chargeable to Corporate Stock Account C. D. E.—9A.

Respectfully yours, A. E. PALMER, Secretary, Board of Education.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 26, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 20, 1913, the Board of Education requested approval of form of contract, specifications, plans and estimates of cost for fire protection work at public schools in the Borough of Richmond, as follows:

	Estimated Cost.
Public School 1	$250 00
Public School 3	200 00
Public School 6	500 00
Public School 9	1,100 00
Public School 11	500 00
Public School 12	1,250 00
Public School 18	3,000 00
Public School 19	1,900 00
Public School 24	930 00
Public School 25	830 00
Public School 26	1,050 00

The cost of the work is to be charged to the unencumbered balance of $188,382.07 (as of February 25, 1913) in the corporate stock fund entitled, "C. D. E. 9A, School Building Fund, All Boroughs, Providing Fire Protection." An appropriation of $450,000 was approved for the fund by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 31, 1911.

The form of contract, specifications and plans 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 adopted on July 11, 1912, hereby approves the form of contract, specifications, plans and estimates of cost for fire protection work at public schools in the Borough of Richmond, under the jurisdiction of the Department of Education, as follows:

Public School 1, estimated cost, two hundred and fifty dollars ($250).
Public School 3, estimated cost, two hundred dollars ($200).
Public School 6, estimated cost, five hundred dollars ($500).
Public School 9, estimated cost, one thousand one hundred dollars ($1,100).
Public School 11, estimated cost, five hundred dollars ($500).
Public School 12, estimated cost, one thousand two hundred and fifty dollars ($1,250).
Public School 18, estimated cost, three thousand dollars ($3,000).
Public School 19, estimated cost, one thousand nine hundred dollars ($1,900).
Public School 24, estimated cost, nine hundred and thirty dollars ($930).
Public School 25, estimated cost, eight hundred and thirty dollars ($830).
Public School 26, estimated cost, one thousand and fifty dollars ($1,050).

—the cost of the work to be charged to the Corporate Stock Fund, entitled "C. D. E.—9A, School Building Fund, All Boroughs, Providing Fire Protection.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Forms of Contract, Etc. (Cal. No. 48).

The Secretary presented the following:

Department of Water Supply, Gas and Electricity, Bureau of Supplies, Room 1904, 13-21 Park Row, City of New York, February 6, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

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, drawings, etc., for:

Section 1. For furnishing, delivering and laying High Pressure Fire Service Mains and Appurtenances in 24th, 25th, 26th, 27th, etc., streets; in Madison, Fifth, Sixth, etc., avenues.

Section 2. For furnishing, delivering and laying High Pressure Fire Service Mains and Appurtenances in Bayard, Baxter, Broome, Bowery, Elizabeth, etc., streets; including the furnishing, delivering and installing Motor Operated Valves, Water-proof Valve Vaults and Subsidiary Ducts on the Bowery, Hudson street and Stone street, and Subsidiary Ducts and Service Boxes at the Oliver and Gansevoort Streets High Pressure Pumping Stations;

—the estimated cost of which is as follows:

Section 1	$850,000 00
Section 2	60,000 00
Total	$910,000 00

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.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 6, 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 $910,000, for furnishing, delivering and laying high pressure fire service mains in 24th, 25th, 26th, 27th streets, in Madison, 5th and 6th avenues, and in other streets and avenues in the Borough of Manhattan.

The contract is divided into two sections, each section constituting in itself a separate contract.

The cost of Section 1, estimated at $850,000, is to be paid from a corporate stock fund of $950,000, approved by the Board of Estimate and Apportionment on February 1, 1912, and by the Board of Aldermen on February 27, 1912, and entitled, "C. D. W.—3A, Extension of High Pressure Water Service, North of 23d Street, Borough of Manhattan." There have been no expenditures from the fund.

The cost of Section 2, estimated at $60,000, is to be paid from a corporate stock fund of $1,800,000, approved by the Board of Estimate and Apportionment on October 16, 1908, and by the Board of Aldermen on November 10, 1908. An additional sum of $100,000 was authorized for the fund by the Board of Estimate and Apportionment on March 18, 1910. The fund is entitled "C. D. W.—3, Construction and Establishment of a High Pressure Water System for Fire and Other Purposes, Borough of Manhattan." On February 26, 1913, an unencumbered balance of $360,160.09 remained in the fund.

The form of contract, plans 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, plans, specifications and estimate of cost, in the sum of nine hundred and ten thousand dollars ($910,000), for furnishing, delivering and laying high pressure fire service mains in the Borough of Manhattan, under the jurisdiction of the Department of Water Supply, Gas and Electricity; the contract to be divided into two sections, each section constituting a separate contract in itself described and at estimates of cost as follows:

Section 1. For furnishing, delivering and laying high pressure fire service mains and appurtenances in 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32d, 33d and 34th streets, and in Madison, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, and 13th avenues,

—at an estimated cost of eight hundred and fifty thousand dollars ($850,000), the cost to be paid from the corporate stock entitled "C. D. W.—3A, Extension of High Pressure Water Service North of 23d street, Borough of Manhattan."

Section 2. For furnishing, delivering and laying high pressure fire service mains and appurtenances in Bayard, Baxter, Broome, Bowery, Elizabeth, Elm, Houston, Hudson, Mott, Mulberry, Prince, Spring, Stone, West and Worth streets and West Broadway, including the furnishing, delivering and installing of motor operated valves, waterproof valve vaults and subsidiary ducts on the Bowery, Hudson and Stone streets and subsidiary ducts and service boxes at the Oliver street and at the Gansevoort street High Pressure Pumping Stations,

—at an estimated cost of sixty thousand dollars ($60,000), the cost to be paid from the corporate stock fund entitled "C. D. W.—3, Construction and Establishment of a High Pressure Water System for Fire and Other Purposes, Borough of Manhattan."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Form of Contract, Etc. (Cal. No. 49).

The Secretary presented the following:

The City of New York, Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, Borough of Brooklyn, February 13, 1913.

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

Gentlemen—I am transmitting herewith for your approval, plan, form of contract and specifications for furnishing, delivering and laying new cast-iron water mains and appurtenances in Prospect Park, Borough of Brooklyn.

The estimate of cost for this work is fifty-two thousand nine hundred forty-two ($52,942) dollars, and is to be charged to the corporate stock fund, entitled "Installation of Water Supply System, Etc., In Prospect Park," Code number C. D. P.—212B.

Very truly yours, M. J. KENNEDY, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, March 1, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 13, 1913, the Commissioner of Parks, Borough of Brooklyn, requested approval of the form of contract, plans and specifications and estimate of cost in the sum of $52,942 for furnishing, delivering and laying new cast iron water mains and appurtenances in Prospect Park, Borough of Brooklyn.

The form of contract, plans and specifications are complete and satisfactory. The estimate of cost is reasonable.

The cost of the work is to be paid from an unencumbered balance (as of February 25, 1913) of $73,004.40 in the Corporate Stock Fund entitled "C. D. P.—212B, Department of Parks, Boroughs of Brooklyn and Queens, Installation of Water Supply and Drainage System in Prospect Park." The authorization in the sum of $75,000 was approved by the Board of Estimate and Apportionment on July 17, 1911, and by the Board of Aldermen on July 31, 1911.

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 resolution of July 11, 1912, hereby approves the form of contract, plans and specifications and estimate of cost in the sum of fifty-two thousand nine hundred and forty-two dollars ($52,942) for furnishing, delivering and laying new cast iron water mains and appurtenances in Prospect Park, Borough of Brooklyn, under the jurisdiction of the Commissioner of Parks, Borough of Brooklyn, the cost of the work to be charged against the Corporate Stock Fund, entitled "C. D. P.—212B, Department of Parks, Boroughs of Brooklyn and Queens, Installation of Water Supply and Drainage System in Prospect Park."

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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. 50).

The Secretary presented the following:

Fire Department of The City of New York, Office of the Commissioner, January 23, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller of The City of New York:*

Sir—I have the honor to transmit herewith, for approval of the Board of Estimate and Apportionment, form of contract with specifications, etc., for furnishing and delivering terminal posts for the fire alarm telegraph; the expenditure, estimated at $70,000, to be charged against bond account C. F. D.—No. 30A. Respectfully,

JOS. JOHNSON, Fire Commissioner.

A blue print of the proposed posts is also transmitted herewith.

Fire Department of The City of New York, Office of the Commissioner, January 27, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller of The City of New York:*

Sir—Referring to my letter, dated January 23, 1913, transmitting for approval form of contract with specifications, etc., for furnishing and delivering terminal posts, you will kindly amend the estimate to read $46,700 instead of $70,000. The amount of the bond required and the deposit to accompany bid should likewise be reduced one-third from the amounts specified.

This amendment is necessitated by the fact that our present appropriation is insufficient to cover the $70,000 contract, and I have been obliged to reduce it one-third so that the saving may be applied to another immediately necessary contract.

The specifications in your possession have been already amended to correspond with the $46,700 estimate. Respectfully,

JOS. JOHNSON, Fire Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 23, 1913, the Fire Commissioner requested approval of the form of contract, plans and specifications for terminal posts for the fire alarm telegraph at an estimate of cost in the sum of $70,000. On January 27, 1913, the estimate of cost was reduced to $46,700, and the number of posts called for in the specifications was correspondingly reduced.

Since the latter date the specifications for the cast iron have been rewritten and other changes in the specifications and form of contract have been made at the suggestion of the Department of Finance. As amended the form of contract, plans and specifications are satisfactory and the estimate of cost is reasonable.

The cost of the work is to be charged to the corporate stock fund entitled "C. F. D. 30A, Fire Alarm System, Borough of Manhattan, Underground Installation and Apparatus." The appropriation of $150,000 for the fund was approved by the Board of Estimate and Apportionment on July 17, 1911, and by the Board of Aldermen on

July 25, 1911. On February 28, 1913, there remained an unencumbered balance of $139,485.89 in the fund.

I recommend that the request be approved, with the amendments noted, by the adoption of the attached resolution. 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, plans, specifications (as amended) and the estimate of cost in the sum of forty-six thousand seven hundred dollars ($46,700), for terminal posts for the fire alarm telegraph for the Fire Department, the cost to be charged against the corporate stock fund entitled "C. F. D. 30A, Fire Alarm System, Borough of Manhattan, Underground Installation and Apparatus."

Which was adopted by the following vote:

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

Department of Bridges—Approval of Form of Contract, Etc. (Cal. No. 51).

The Secretary presented the following:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., February 21, 1913.

To the Honorable the Board of Estimate and Apportionment of The City of New York:

Gentlemen—Pursuant to a resolution adopted by your Board on July 11, 1912, I transmit herewith, for your approval, form of contract, specifications and estimate of cost for the proposed contract for furnishing and delivering linseed oil for the Manhattan Bridge.

The estimated cost of the proposed contract is $3,750, which includes an allowance for an increase in the quantity to be delivered of 5 per cent. as provided in the contract.

This oil will be used in the paint for the Manhattan Bridge, and the cost thereof is chargeable to the fund of the Department of Bridges entitled "C. D.—B5, Bridge over East River between the Boroughs of Manhattan and Brooklyn," and the moneys therefor were duly released by resolution of your Board adopted June 3, 1910. The balance unencumbered in this fund on January 31, 1913, was $265,943.28.

Yours truly, ARTHUR J. O'KEEFFE, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, March 1, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 21, 1913, the Commissioner of Bridges requested approval of the form of contract, specifications and estimate of cost in the sum of $3,750 for furnishing and delivering linseed oil for the Manhattan Bridge. This is for the final finishing coat of paint.

The form of contract and specifications are complete and satisfactory. The estimate of cost is reasonable.

The cost is to be paid from an unencumbered balance (as of February 26, 1913) of $265,562.30 in the Corporate Stock Fund entitled "C. D.—B5, Bridge over East River between the Boroughs of Manhattan and Brooklyn." The authorization in the sum of $3,000,000 was approved by the Board of Estimate and Apportionment on February 1, 1907, and by the Board of Aldermen on March 5, 1907.

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 resolution of July 11, 1912, hereby approves the form of contract, specifications and estimate of cost in the sum of three thousand seven hundred and fifty dollars ($3,750) for furnishing and delivering linseed oil for the Manhattan Bridge, under the jurisdiction of the Commissioner of Bridges, the cost of the work to be charged against the corporate stock fund entitled "C. D. B.—5, Bridge Over East River, Between the Boroughs of Manhattan and Brooklyn."

Which was adopted by the following vote:

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

Fire Department—Issue of $5,000 Special Revenue Bonds (Cal. No. 52).

(On February 20, 1913, this matter was referred to the Comptroller.)

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 five thousand dollars ($5,000), the proceeds whereof to be used by the Fire Department for the purpose of meeting contingent expenses of the Bureau of Fire Prevention.

All obligations contracted for hereunder to be incurred on or before December 31, 1913.

Adopted by the Board of Aldermen February 4, 1913, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor February 18, 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.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 4, 1913, the Board of Aldermen requested $5,000 in special revenue bonds to be used by the Fire Department for the purpose of meeting contingent expenses of the Bureau of Fire Prevention. In connection therewith I report as follows:

In support of this request the Fire Commissioner states that sufficient money was not provided in the 1913 Budget for the use of the Bureau of Fire Prevention for carfares, meals of employees on extra service and surveys. The Budget Committee recommended for the use of that bureau, based on the 1912 accounts, contingencies as follows:

Surveys	$2,000 00
Carfares, etc.	6,000 00
Miscellaneous	500 00
Photographs	500 00
Total	$9,000 00

This amount was included in the 1913 Budget, but was distributed among various accounts, as requested by the Commissioner's representative. It was subsequently ascertained that the distribution was not proper. On February 20, 1913, therefore, the Board of Estimate and Apportionment, on a request from the Commissioner, approved, transfers allotting $4,200 of the amount to the Transportation and Contingency accounts of the Fire Prevention Bureau. It appears that there are sufficient funds in the accounts, or available by transfer, to meet the needs of the bureau. I recommend, therefore, that the request for special revenue bonds be not approved.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby *disapproves* of the request of the Board of Aldermen, as set forth in a resolution adopted by said Board February 4, 1913, for the issue of five thousand dollars ($5,000) special revenue bonds, the proceeds whereof to be used by the Fire Department for contingent expenses of the Bureau of Fire Prevention.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 notify the Board of Aldermen and the Fire Commissioner.

Department of Water Supply, Gas and Electricity—Issue of $1,200 Special Revenue Bonds and Approval of Schedule (Cal. No. 53).

(On February 20, 1913, this matter was referred to the Comptroller.)

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 two thousand seven hundred and ninety dollars ($2,790), the proceeds whereof to be used by the Department of Water Supply, Gas and Electricity for the purpose of providing for hire of horses and vehicles, as follows:

Contract or Open Order Service, Transportation.

Hire of Horses and Vehicles, With Drivers.

Pumping—Driver, with horse and vehicle, at $3.75 per day (320) days)....	$1,200 00
Distribution—Driver, with team and vehicle, at $6 per day (25 days).....	150 00
Hire of Horses and Vehicles, without Drivers—	
Distribution—Horse and vehicle, at $60 per month (24 months).....	$1,440 00

All obligations contracted for hereunder to be incurred on or before December 31, 1913.

Adopted by the Board of Aldermen February 4, 1913, three-fourths of all the members voting in favor thereof.

Received from his Honor the Mayor February 18, 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.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 4, 1913, the Board of Aldermen adopted a resolution requesting $2,790 in special revenue bonds to be used by the Department of Water Supply, Gas and Electricity for the purpose of providing for hire of horses and vehicles, as follows:

Contract or Open Order Service, Transportation.

Hire of Horses and Vehicles, with Drivers—	
Pumping—Driver, with horse and vehicle, at $3.75 per day (320 days)....	$1,200 00
Distribution—Driver, with team and vehicle, at $6 per day (25 days).....	150 00
Hire of Horses and Vehicles, without Drivers—	
Distribution—Horse and vehicle, at $60 per month (24 months).....	$1,440 00

This action was pursuant to a request by the Commission of Water Supply, Gas and Electricity, under date of January 16, 1913, reading as follows:

"In the estimate of this Department for appropriations for 1913, request was made for funds to purchase for the Borough of Queens three automobiles, and the Budget Committee assented to an allowance for the purchase of one, but that was later cut out, and the allowance for the hire of horses and vehicles, which had been cut out when the automobiles were apparently to be allowed, was not put back; therefore, the Department is compelled to ask for revenue bonds for the purpose.

"I have, therefore, to ask that the Board of Aldermen request the Board of Estimate and Apportionment to authorize the Comptroller to issue revenue bonds to the amount of $2,790, which sum is necessary for the hire of horses and vehicles for this year."

The 1912 Budget schedules for the Department of Water Supply, Gas and Electricity included an item of $1,200 for "Driver, with Horse and Vehicle, at $3.75 per day (320 days)." This item was in the account, entitled "Vehicular, Transportation, Water Supply, Horses and Vehicles with Drivers, No. 501, Pumping, Queens."

No request for this item was included in the 1913 departmental estimate, as it was preposed to purchase an automobile, to replace the horse and vehicle, during 1913. Request was made for one automobile, at $1,200, for the use of pumping stations in the Borough of Queens. This request was tentatively approved by the Budget Committee and included in the Tentative Budget. This item, however, was eliminated in the final draft of the 1913 Budget, as approved by your Board, leaving the necessary transportation unprovided for. Approval of this item in the request of the Board of Aldermen, therefore, appears to be proper.

Regarding the other two items in the request, the 1913 Budget Schedules for Accounts, Contract and Open Order Service, Transportation, Hire of Horses and Vehicles with Drivers, Water Supply, No. 834 TC, Distribution, and Hire of Horses and Vehicles Without Drivers, Water Supply, No. 840 TC, Distribution, provide in part as follows:

834TC Driver with team and vehicle at $6 per day (1,012 days).

840TC Horse and vehicle at $60 per month (48 months).

It is, therefore, unnecessary to provide for any additional vehicular transportation for use on the distribution systems of the Department at present.

I recommend the adoption of the attached resolutions, approving the request to the extent of $1,200, and providing for the necessary schedule modification.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on February 4, 1913, requesting an issue of special revenue bonds in the sum of two thousand seven hundred and ninety dollars ($2,790), the proceeds whereof to be used by the Department of Water Supply, Gas and Electricity for the purpose of providing for hire of horses and vehicles, as follows:

Contract and Open Order Service, Transportation, Hire of Horses and Vehicles, with Drivers.

Pumping—Driver, with horse and vehicle, at $3.75 per day (320 days)	$1,200 00
Distribution—Driver, with teams and vehicle, at $6 per day (25 days)	150 00
Hire of Horses and Vehicles Without Drivers.	
Distribution—Horse and Vehicle, at $60 per month (24 months).....	1,440 00

All obligations contracted for hereunder to be incurred on or before December 31, 1913;

—be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment to the extent of one thousand two hundred dollars ($1,200) to provide for the hire of horses and vehicles for the use of said Department, as follows:

Contract and Open Order Service, Transportation, Hire of Horses and Vehicles, with Drivers—Water Supply.

833TW Pumping—	
Driver, with horse and vehicle, at $3.75 per day (320 days).....	$1,200 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 one thousand two hundred dollars ($1,200), 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 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 Water Supply, Gas and Electricity for the year 1913, to be effective as of January 1, 1913, as follows:

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Contract and Open Order Service, Transportation—Hire of Horses and Vehicles, with Drivers—Water Supply.

	Paid from Tax Levy and Water Revenue.	Paid from Special Revenue Bonds.	Totals.
833TW Pumping—			
Driver, with Horse and Vehicle, at $3.75 per day (320 days).....	.....	$1,200 00	$1,200 00
Driver, with Horse and Vehicle, at $3.50 per day (939 days).....	$3,286 50	.....	3,286 50
Driver, with Team and Vehicle, at $6 per day (60 days).....	360 00	.....	360 00
Driver, with Team and Vehicle, at $5 per day (60 days)	300 00	.....	300 00
Schedule total			$5,146 50
Tax Levy allowance.....			$3,646 50

	Paid from Tax Levy and Water Revenue.	Paid from Special Revenue Bonds.	Totals.
Water Revenue allowance			300 00
Special Revenue Bond allowance			1,200 00
Total allowance			$5,146 50

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Comptroller's report to the Commissioner of Water Supply, Gas and Electricity.

Department of Education—Establishment of Grade of Position of Fuel Engineer, Etc. (Cal. No. 54).

(On February 20, 1913, this matter was referred to the Committee on Salaries and Grades).

The Secretary presented the following:

Resolved, That the Board of Estimate and Apportionment be, and it is hereby respectfully requested to recommend to the Board of Aldermen that the salary of the position of fuel engineer in the Department of Education be fixed at the rate of $1,650 per annum, for one incumbent.

A true copy of resolution adopted by the Board of Education on February 13, 1913. A. E. PALMER, Secretary, Board of Education.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 20, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 13, 1913, the Board of Education requested the establishment, pursuant to the provisions of section 56 of the charter, of the grade of position of Fuel Engineer, at $1,650 per annum, for one incumbent. In connection therewith we report as follows:

The budget for 1913 provides $3,000 per annum for the new position of Mechanical Engineer in the Bureau of Supplies. It is proposed to transfer John R. Cave from the Department of Water Supply, Gas and Electricity to fill this position. Owing to Civil Service complications he will not be eligible to $3,000 until after serving six months, during which time he is to take a promotion examination. Meanwhile, it is proposed to pay him at the rate of $1,650 per annum.

We recommend that the request be granted by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, 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 Education of the grade of position, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Fuel Engineer	$1,650 00	1

Which was adopted by the following vote:

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

Department of Education—Fixation of Compensation of Janitors (Cal. No. 55).

(On February 20, 1913, this matter was referred to the Committee on Salaries and Grades).

The Secretary presented the following:

Resolved, That the Board of Estimate and Apportionment be, and it is hereby respectfully requested to recommend to the Board of Aldermen that the compensation of Janitors of public school buildings be fixed in accordance with the following list, taking effect on the date indicated in each instance:

Temporary Assignments.

George Morgan, assigned to Public School 162, Manhattan; compensation, $60 per month; taking effect February 6, 1913.

George Morgan, assigned to Public School 23, Manhattan; compensation, $2,700 per annum less $286; taking effect February 6, 1913.

Stephen A. Graves, assigned to Public School 15, Manhattan; compensation, $3,636 per annum less $260; taking effect February 1, 1913.

John Daly, assigned to Public School 50 (annex), Brooklyn; compensation, $1,104 per annum, less $221; taking effect February 5, 1913.

Changes in Compensation.

Public School 43, The Bronx; present compensation, $4,260; proposed compensation, $4,680, on account of new addition; taking effect January 31, 1913.

Morris High School, present compensation, $1,800; proposed compensation, $2,000, present compensation being inadequate; taking effect January 1, 1913.

Manual Training High School, present compensation, $1,800; proposed compensation, $2,000, present compensation being inadequate; taking effect January 1, 1913.

Public School 168, Manhattan; present compensation, $1,800; proposed compensation, $2,000, present compensation being inadequate; taking effect January 1, 1913.

A true copy of a resolution adopted by the Board of Education on February 13, 1913. A. E. PALMER, Secretary, Board of Education.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 20, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 13, 1913, the Board of Education requested the establishment, pursuant to the provisions of section 56 of the Greater New York Charter, of rates of compensation for Janitors of certain public schools. In connection therewith we report as follows:

For Nos. 162, 23 and 15, Manhattan, and No. 50 Annex, Brooklyn, temporary rates the same as the regular rates in the existing schedule are requested. For No. 43, The Bronx, an increase from $4,260 to $4,680 per annum is asked for on account of the occupancy of a new addition. For the Morris High School, the Manual Training School and Public School No. 188, Manhattan, which buildings are under the so-called direct system, an increase is requested for each Janitor-Engineer-in-Charge, from $1,800 to $2,000 per annum. The increased rate was provided for in the budget for 1913.

We recommend that the request be granted by the adoption of the attached resolution. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen, Committee on Salaries and Grades.

The following resolution was offered:

Whereas, By opinions of the Corporation Counsel as of June 28, 1910, and July 30, 1910, the Comptroller was advised that the payment of salaries of Janitors in the Department of Education is illegal unless such salary shall have been established under the provisions of section 56 of the Greater New York Charter; and

Whereas, The matter of adjusting the compensation of Janitors and the fixation of their salaries under the provisions of section 56 of the Charter is now in the hands of a special committee of the Board of Estimate and Apportionment; therefore be it

Resolved, That, pursuant to the provisions of section 56 of the Charter, the Board of Estimate and Apportionment hereby recommends to the Board of Aldermen, pending the report of said Committee, the compensation of Janitors in the Department of Education be fixed temporarily, and until further modified, in accordance with the following list:

	Rate of Compensation.
Janitor, Public School 162, Manhattan, per month	$60 00
Janitor, Public School 23, Manhattan, per annum, less $286	2,700 00
Janitor, Public School 15, Manhattan, per annum, less $260	3,636 00
Janitor, Public School 50, Annex, Brooklyn, per annum, less $221	1,104 00
Janitor, Public School 43, The Bronx, per annum	4,680 00
Janitor, Morris High School, The Bronx, per annum	2,000 00
Janitor, Manual Training High School, Brooklyn, per annum	2,000 00
Janitor, Public School 188, Manhattan, per annum	2,000 00

Which was adopted by the following vote:

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

President of the Borough of Queens—Transfer of Appropriation (Cal. No. 56A).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Queens, Long Island City, February 20, 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 the transfer of funds, within the appropriations allotted to this office for the year 1912, to wit:

PRESIDENT OF THE BOROUGH OF QUEENS.

FROM

Repairs and Replacements by Contract or Open Order.

Highways

Code No. 2036	Repairs to Curbs	$170 00
Code No. 2077	Purchase and Original Equipment of Apparatus, Machines, Harness and Vehicles, except Automobiles, Highways	300 00
		$470 00

TO

Contingencies

Code No. 2072	Highways	$470 00

The above transfer of funds is requested in order that the expenses of Inspectors and Engineers of the Bureau of Highways may be paid, and as the above amounts will not be required in Funds No. 2036 and 2077, I desire that this transfer be granted, for the purposes as stated. Yours very truly,

MAURICE E. CONNOLLY, President of the Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 20, 1913, the President of the Borough of Queens requested transfers in the sum of $470 within appropriations to his office for the year 1912. In connection therewith I report as follows:

It is proposed to transfer $170 from Repairs and Replacements by Contract or Open Order, Highways, Maintenance, No. 2036, Repairs to Curbs, and $300 from Purchase and Original Equipment of Apparatus, Machines, Harness and Vehicles, except Automobiles; No. 2077, Highways, to Contingencies, No. 2072, Highways.

The transfers to No. 2072 are to provide for carfares, etc., of Inspectors and Engineers of the Bureau of Highways for the months of October, November and December. Sufficient balances remain in Nos. 2036 and 2077 to permit of the proposed transfers.

I recommend the adoption of the attached resolution granting this 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 1912, as follows:

FROM

Repairs and Replacements by Contract or Open Order—Highways, Maintenance.

2036 Repairs to Curbs $170 00

Purchase and Original Equipment of Apparatus, Machines, Harness and Vehicles, Except Automobiles.

2077 Highways $300 00

TO

Contingencies.

2072 Highways $470 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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. 56B).

The Secretary presented the following:

The City of New York, Department of Parks, Borough of Queens, Temporary Address, Arsenal, Central Park, Manhattan, February 20, 1913.

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

Gentlemen—I respectfully request that the sum of $200 be transferred within the Budget Appropriation of this Department for the year 1913 from item 1913 Carfare—Administration—Executive, to item 1878 Office Supplies—Administration—Executive.

The necessity for this transfer grows out of the fact that the sum ($100) allowed in item 1878 is entirely insufficient to meet the necessary expense of postage alone, and is already almost exhausted.

Respectfully, W. G. ELIOT, Commissioner of Parks, Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 20, 1913, the Commissioner of Parks, Borough of Queens, requested the transfer of $200 from Contract or Open Order Service, Carfare, Administration, No. 1913, Executive, to Supplies, Office Supplies, Administration, No. 1878, Executive, in his office for the year 1913. In connection therewith I report as follows:

The appropriation for No. 1878 was $100. The expenditures to February 26, 1913, amounted to $77.53, as follows:

Postage	$2 60
Copy of Charter of the City	11 50
Filing cards	21 54
Rubber stamps	14 25
Books, miscellaneous	19 00
Towel supply	8 64
	$77 53

The $200 requested is for the purpose of providing for postage and various other necessary office supplies for the rest of the year.

The Commissioner states that there is sufficient funds in No. 1913 to permit of the transfer.

I recommend the adoption of the attached resolutions, 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, Borough of Queens, for the year 1913, as follows:

FROM

Contract or Open Order Service, Carfare, Administration.

1913 Executive $200 00

TO

Supplies, Office Supplies, Administration.

1878 Executive $200 00

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, Borough of Queens, for the year 1913, as follows:

Supplies, Office Supplies, Administration.

1878 Executive $300 00

Contract or Open Order Service, Carfare, Administration.

1913 Executive $400 00

Which was adopted by the following vote:

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

Supreme Court, First Department—Transfer of Appropriation (Cal. No. 56C).

The Secretary presented the following:

Supreme Court, Appellate Division, First Department, New York, February 24, 1913.

Hon. JOSEPH HAAG, *Secretary to the Board of Estimate and Apportionment, New York City:*

Dear Sir—Presiding Justice Ingraham has directed me to request the transfer of $380.34 to the Account No. 2167—1912—"Telephone Service" (Supreme Court, First Department) from the appropriation made for the Supreme Court, First Department, for "Contingencies"—Account No. 2168—1912.

There is at the present time a balance to the credit of Account No. 2167—1912, of $203.16. There are, however, bills for telephone service aggregating $583.50, properly chargeable against this account. It, therefore, becomes necessary to have a transfer made to cover this deficit of $380.34.

Will you kindly have this transfer made as soon as possible in order that the 1912 account may be closed. Very truly yours,

GEORGE T. CAMPBELL, Librarian.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 24, 1913, the Presiding Justice of the Appellate Division, Supreme Court, First Department, requested the transfer of $380.34 within the 1912 appropriations to the Court. In connection therewith I report as follows:

It is proposed to transfer the amount from No. 2168, Contingencies, to No. 2167, Telephone Service. The Budget allowance for Telephone Service was $1,200. The cash balance in the account is $203.16. Outstanding bills for October, November and December, properly chargeable to the account, aggregate $583.50, and give a deficit of $380.34. An unencumbered balance in No. 2168 is ample to permit 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 Supreme Court, First Department, for the year 1912, as follows:

SUPREME COURT, FIRST DEPARTMENT.

FROM

2168 Contingencies $380 34

TO

2167 Telephone Service $380 34

Which was adopted by the following vote:

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

City Magistrates' Courts, First Division; Board of Ambulance Service—Transfer of Appropriations (Cal. No. 56D).

The Secretary presented the following:

Board of City Magistrates, First Division, City of New York, 300 Mulberry Street, Manhattan, New York, February 20, 1913.

To the Honorable the Board of Estimate and Apportionment of The City of New York:

Gentlemen—Under section No. 237 of the Greater New York Charter, application is hereby respectfully made for the transfer of the sum of two hundred and forty-nine and 11-100 dollars ($249.11) from the 1912 budgetary appropriation of the Board of Ambulance Service, to the 1912 appropriation accounts of this division, as follows:

FROM

THE BOARD OF AMBULANCE SERVICE.

Code No. 193, 1912—"Telephone Service"..... $249 11

TO

THE CITY MAGISTRATES' COURTS, FIRST DIVISION.

Code No. 1554, 1912—"Telephone Service"..... $249 11

The approval, by your honorable Board, of this transfer is urgently requested, by reason of the fact that the said account of this division is now almost entirely exhausted and there are not sufficient funds at present available to meet outstanding bills for telephone service.

The formal consent of the Board of Ambulance Service to this transfer is hereto attached. Very respectfully, PHILIP BLOCH, Chief Clerk.

City of New York, Board of Ambulance Service, 300 Mulberry Street, February 14, 1913.

Mr. PHILIP BLOCH, *Chief Clerk, City Magistrates' Courts, First Division:*

Dear Sir—In response to your communication of January 28, we hereby give you our formal and official consent, so far as we have the power so to do, to the transfer of funds from the 1912 appropriation accounts of this Board to your 1912 accounts, as follows:

FROM

BOARD OF AMBULANCE SERVICE.

Code No. 193, 1912. Telephone Service $249 11

TO

CITY MAGISTRATES' COURTS, FIRST DIVISION.

Code No. 1554, 1912. Telephone Service $249 11

Respectfully yours, MICHAEL J. DRUMMOND, Secretary.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 20, 1913, the Chief Clerk of the Board of City Magistrates, First Division, requested transfer of $249.11 from an appropriation to the Board of Ambulance Service, to an account in the City Magistrates' Courts for the year 1912. In connection therewith, I report as follows:

The proposed transfer is from Board of Ambulance Service, Telephone Service, Administration, No. 193, Executive, to City Magistrates' Courts, First Division, Telephone Service, No. 1554, Administration.

The Chief Clerk states that the allowance for telephone service for 1912 was $2,000. The contract expenditures and liabilities for the year amounted to $2,249.11, leaving a deficit of $249.11. The Board of Ambulance Service has consented to the transfer.

I recommend the approval of the request by the adoption of the attached resolution. 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 1912 as follows:

FROM

Board of Ambulance Service, Telephone Service, Administration.

193 Executive $249 11

TO

City Magistrates' Courts, First Division, Telephone Service.

1554 Administration $249 11

Which was adopted by the following vote:

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

President of the Borough of Queens—Transfer of Appropriation (Cal. No. 56E).

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Queens, Long Island City, January 7, 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 Charter of The City of New York, application is hereby made for the transfer of funds, within the appropriations allotted to this office, for the year 1912, to wit:

FROM

PRESIDENT OF THE BOROUGH OF QUEENS.

Shoeing and Boarding Horses, Including Veterinary Service.

2061 Street Cleaning $120 00

Repairs and Replacements by Contract or Open Order.

2042 Street Cleaning 40 00

Housing, Storage and Repairs of Apparatus, Machines, Harness and Vehicles, Except Automobiles.

2049 Street Cleaning 110 00

Purchase and Original Equipment of Apparatus, Machines, Harness and Vehicles, Except Automobiles.

2080 Street Cleaning 185 00

$455 00

TO

Contingencies.

2074 Street Cleaning $455 00

The above transfer is requested in order to pay the carfares, etc., of the employees of the Bureau of Street Cleaning this Department. 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, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On January 7, 1913, the President of the Borough of Queens requested transfers within appropriations to his office for the year 1912, as follows:

FROM

Shoeing and Boarding Horses, Including Veterinary Services.

2061 Street Cleaning $120 00

Repairs and Replacements by Contract or Open Order.

2042 Street Cleaning 40 00

Housing, Storage and Repairs of Apparatus, Machines, Harness and Vehicles, Except Automobiles.

2049 Street Cleaning 110 00

Purchase and Original Equipment of Apparatus, Machines, Harness and Vehicles, Except Automobiles.

2080 Street Cleaning 185 00

TO

Contingencies.

2074 Street Cleaning 455 00

The transfers to No. 2074 are to provide for payment of carfares, etc., of employees of the Bureau of Street Cleaning. There remain unpaid expense bills of Sweepers assigned to the Rockaway section during the months of July to October, inclusive, and expense bills of other employees for the months of July to December, inclusive. Sufficient balances remain in the other accounts to premit of the proposed transfers.

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 Queens, for the year 1912, as follows:

FROM

Shoeing and Boarding Horses, Including Veterinary Services.

2061 Street Cleaning $120 00

Repairs and Replacements by Contract or Open Order.

2042 Street Cleaning 40 00

Housing, Storage and Repairs of Apparatus, Machines, Harness and Vehicles, Except Automobiles.

2049 Street Cleaning 110 00

Purchase and Original Equipment of Apparatus, Machines, Harness and Vehicles, Except Automobiles.

2080 Street Cleaning 185 00

TO

Contingencies.

2074 Street Cleaning $455 00

Which was adopted by the following vote:

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

Municipal Civil Service Commission; Department of Health—Transfer of Appropriations (Cal. No. 56F).

The Secretary presented the following:

Municipal Civil Service Commission of The City of New York, Payroll Bureau, 299 Broadway, 11th floor, New York, February 20, 1913.

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

Sir—This Commission hereby makes application to your Board to transfer the sum of two hundred fifty dollars ($250) from the Department of Health, from the unexpended balance remaining in their fund entitled, "Administration and Inspection—Communicable Diseases. Contingencies 1912—Code 145."

This is required for the reason that necessary expenditures were made during the month of December, in connection with additional work of an emergency nature imposed on the Commission; and the balance remaining in the Contingent Fund of this Commission is not sufficient to cover these bills. It is desired to have this transfer made to our fund entitled, "Municipal Civil Service Commission Contingencies 1912—Code No. 1356."

Attached hereto find the consent of the Department of Health to this transfer.

Respectfully, F. A. SPENCER, Secretary.

City of New York, Department of Health, Office of the Secretary, February 18, 1913.

Mr. FRANK A. SPENCER, *Secretary, Municipal Civil Service Commission:*

Sir—Concerning the transfer of funds from the Department of Health to the contingency fund of the Municipal Civil Service Commission, I have this day been authorized by Ernst J. Lederle, Ph. D., President of the Board of Health, to consent to the transfer of two hundred and fifty ($250) dollars, from the fund of this department entitled, "Administration and Inspections—Communicable Diseases—Contingencies 1912—Code No. 415," to the fund of the Municipal Civil Service Commission entitled, "Contingencies 1912—Code No. 1356."

Very truly yours, EUGENE W. SCHEFFER, Secretary.

City of New York, Department of Health, Office of the Secretary, February 18, 1913.

Hon. JOSEPH HAAG, *Secretary, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Sir—Recently the Municipal Civil Service Commission inquired if this department had any funds at its disposal remaining in the balances from the appropriations of the department for the year 1912, that might be transferred to the Municipal Civil Service Commission to meet deficiencies. I have this day notified the Secretary of the Municipal Civil Service Commission that I am authorized by Ernst J. Lederle, Ph. D., President of the Board of Health, to consent to the transfer of two hundred and fifty ($250) dollars, from the fund of this department entitled, "Administration and Inspections—Communicable Diseases—Contingencies 1912—Code No. 415," to the fund of the Municipal Civil Service entitled, "Contingencies 1912—Code No. 1356."

Very truly yours, EUGENE W. SCHEFFER, Secretary.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 20, 1913, the Secretary of the Municipal Civil Service Commission requested the transfer of $250 within appropriations for the year 1912. In connection therewith I report as follows:

It is proposed to transfer the $250 to No. 1356, Contingencies. The Secretary states that the transfer is required for the reason that necessary and unforeseen expenditures were made during December, in connection with additional work of an emergency nature. These expenditures are chargeable to the Contingency account.

The balance in the account on February 20, 1913, was $262.44, with bills in transit amounting to $242.46, leaving an available balance of $19.98. Outstanding bills amount to $164.86, making a deficit in the account of $144.88. The Secretary states that the deficit will finally amount to about $250.

As there are no balances in the various accounts of the Commission for 1912, it is proposed to transfer the $250 from the 1912 account in the Department of Health entitled "Administration and Inspection, Communicable Diseases, No. 415, Contingencies." The Department has consented to 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 transfer of funds appropriated for the year 1912, as follows:

FROM

DEPARTMENT OF HEALTH.

Contingencies—Administration and Inspection.

415 Communicable Diseases $250 00

TO

MUNICIPAL CIVIL SERVICE COMMISSION.

Contingencies.

1356 Administration $250 00

Which was adopted by the following vote:

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

Department of Health—Transfer of Appropriation (Cal. No. 57).

The Secretary presented the following:

City of New York, Department of Health, Office of the Secretary, February 17, 1913.

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

Sir—At a meeting of the Board of Health of the Department of Health, held February 10, 1913, the following resolution was adopted:

"Resolved, That the Board of Estimate and Apportionment be and it is hereby respectfully requested to approve of transfers within the appropriations made to the Department of Health for the year 1912, entitled and as follows:

"FROM

"Division of Communicable Diseases—No. 415 Contingencies..... $600 00

"—the same being estimated to be in excess of the requirements thereof;

"TO

"General Administration—No. 409 Contingencies $600 00

"—the same being estimated as insufficient."

Respectfully, EUGENE W. SCHEFFER, Secretary.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 10, 1913, the Board of Health requested the transfer of $600 within appropriations to the Department of Health for the year 1912. In connection therewith I report as follows:

The request is in two accounts for Contingencies, the $600 to be used to pay architects' fees for work in connection with the construction of a fireproof vault, the installation of chemical and diagnosis laboratories, etc., in the new headquarters building of the Department of Health. On July 15, 1912, the Board of Estimate and Apportionment approved an authorization of $37,415 in special revenue bonds for this work, including architects' fees. On February 25, 1913, there was an unexpended balance of $36,534.60 in the fund. For this reason there is no need for the transfer.

I recommend, therefore, that the request be not approved. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby *disapproves* of the request of the Board of Health, as set forth in a communication dated February 17, 1913, for the transfer of six hundred dollars ($600) from Account No. 415 to Account No. 409 within the appropriation made for the year 1912.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Comptroller's report to the Commissioner of Health.

Department of Bridges—Modification of Schedule (Cal. No. 58).

The Secretary presented the following:

Department of Bridges, City of New York, 13-21 Park Row, Manhattan, N. Y., February 25, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller,* No. 280 Broadway, Manhattan:

Sir—I have to request a modification of the schedule supporting Personal Service, Salaries, Regular Employees, 143C, Construction, Corporate Stock Force, Code No. C. D.—B.54, to be effective as of March 1, 1913, as follows:

Change Line Item:	
Assistant Engineer	$2,250 00
Assistant Engineer, 12 at $2.100.....	25,200 00
Assistant Engineer, 2 at $1,800.....	3,600 00
	$31,050 00
To read:	
Assistant Engineer, 2 at $2,250.....	$4,500 00
Assistant Engineer, 11 at $2,100.....	23,100 00
Assistant Engineer	1,800 00
Assistant Engineer	1,500 00
Unassigned	150 00
	$31,050 00

This modification is requested for the purpose of increasing Alexander C. Codet, an Assistant Engineer in charge of the Field Office, attached to the Municipal Building.

The corporate stock authorization made in this department is not increased thereby.

Respectfully, WM. H. SINNOTT, Deputy and Acting Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 28, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 25, 1913, the Deputy and Acting Commissioner of Bridges requested modification of the schedule for Salaries, Regular Employees, Construction, No. 143C, Corporate Stock Force, in his Department for the year 1913. In connection therewith I report as follows:

It is proposed to reduce a position of Assistant Engineer from $1,800 to $1,500 per annum, to provide for an increase in salary for Alexander C. Codet, Assistant Engineer, from $2,100 to $2,250 per annum.

Mr. Codet was appointed on April 20, 1907, as an Inspector of Steel, at $1,650 per annum. On May 1, 1907, his title was changed to Structural Steel Draftsman, and his salary fixed at $1,800 per annum. On August 4, 1909, he was promoted to Assistant Engineer at his present rate. Mr. Codet is in charge of the field office attached to the construction of the new Municipal Building. The Commissioner states that he has done very efficient work in this connection and is deserving of the proposed increase.

The proposed changes are in conformity with the policy of your Board relative to increases in salaries.

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 hereby approves of the schedule, as revised, for the Department of Bridges for the year 1913, to be effective as of March 1, 1913, as follows:

Salaries, Regular Employe's.

	Construction—	
143C	Corporate Stock Force—	
	Consulting Engineer, 3 at $7,500	$22,500 00
	Assistant Engineer	6,000 00
	Assistant Engineer	5,000 00
	Assistant Engineer, 4 at $4,000	16,000 00
	Assistant Engineer, 2 at $3,500	7,000 00
	Assistant Engineer, 3 at $3,000	9,000 00
	Assistant Engineer, 2 at $2,400	4,800 00
	Assistant Engineer, 1 at $2,250	2,250 00
	*Assistant Engineer, 1 at $2,250 (A. S. I. $850).....	2,250 00
	Assistant Engineer, 11 at $2,100	23,100 00
	Assistant Engineer	1,800 00
	*Assistant Engineer (A. S. I. $300)	1,500 00
	Transitman, 7 at $1,800	12,600 00
	Transitman	1,500 00
	Draftsman, 14 at $1,800	25,200 00
	Leveler, 2 at $1,350	2,700 00
	Toolman, 2 at $1,200	2,400 00
	Rodman, 3 at $1,200	3,600 00
	Rodman	1,050 00
	Automobile Engineman	1,200 00
	Steel Inspector	1,650 00
	Axeman, 3 at $900	2,700 00
	*Balance Unassigned (A. S. I.)	150 00
	Schedule Total	$155,950 00
	Corporate Stock Allowance	155,950 00

Which was adopted by the following vote:

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

Standard Testing Laboratory—Monthly Report (Cal. No. 59).

The Secretary presented the following, which was ordered printed in the Minutes and filed:

City of New York, Board of Estimate and Apportionment, Standard Testing Laboratory, 127 Franklin Street, New York, March 4, 1913.

Hon. WILLIAM J. GAYNOR, *Mayor, Chairman Board of Estimate and Apportionment,* 277 Broadway, New York City:

Sir—I beg to submit herewith report showing in tabulated form the work performed by the Standard Testing Laboratory of your Board during the month of February, 1913, together with a departmental summary.

There were submitted for analysis during the month of February 235 samples of supplies and materials of construction. The majority of these samples were obtained by the regular Samplers attached to the Standard Testing Laboratory, and it was found that only 33.16 per cent. complied with the specification requirements, while 66.84 per cent failed to comply and were either rejected or an appropriate deduction made for the deficiency.

The routine work done during the month of February is more comprehensively given in the attached schedule.

The work of research could not be followed up as expeditiously as desired owing to five vacancies for the positions of Engineering Chemists, which could not be filled on account of the Civil Service Eligible List for these positions not having been promulgated.

The research work conducted during the month of February may be summarized as follows:

Board of City Record—Research on paper and typewriter ribbons, with special determination of color tints in papers.

Commissioners of Accounts—Examination of a series of bituminous paving materials obtained from the plant of the United States Asphalt Refining Company at East Brooklyn, Maryland. These materials are derivatives of Mexican asphaltic oil.

Board of Education—By request of the Consulting Engineers to the Committee on School Investigation a research was made as to the adaptability and composition of coal briquettes for fuel in school buildings.

Fire Department—Research was made as to the composition of white enamel paints, with special reference to preparing adequate specifications for this material.

Commission on Standardization—Research is being made to classify suitable tallows and greases for various classes of soap. These greases are being classified not only as to their chemical composition but also as to their color tints. The same work is being conducted in reference to the various grades of rosins used in the manufacture of laundry soap.

Investigation and study as to new and practical methods for testing woolens, cottons and denims.

Research in reference to the quality of laboratory glassware.

Research as to the physical and chemical qualities of rubber goods of all descriptions for hospital purposes.

Study of adequate specifications for paints, varnishes and oils.

President, Borough of Richmond—Research as to the physical and chemical properties of granite paving blocks for the purpose of preparing adequate specifications for same.

Finance Department—Investigation as to the ingredients and commercial values of insecticides.

Investigation as to the proper composition of carbonated mineral waters.

Respectfully submitted, OTTO H. KLEIN, Director.

City of New York—Board of Estimate and Apportionment—Standard Testing Laboratory, Report for Month Ending February 28, 1913.

Summary:

Departments.	Totals.	Samples on Hand Not Analyzed February 1, 1913.	Samples Received During February, 1913.	Analyses of Samples Resulting in: Compliance with Specifications.	Non-Compliance with Specifications.	Research.	Samples on Hand Not Analyzed February 28, 1913.
Resulting Percentages,				33.16	66.84		
Totals	321	86	235	65	131	39	86
Armory Board	5	..	5	1	4	..	..
Bellevue and Allied Hospitals	15	3	12	4	10	..	1
Board of City Record.....	7	2	5	..	..	7	..
Commissioners of Accounts..	20	20	..	..	..	18	2
Commission on Standardization	63	18	45	..	..	9	54
College of City of New York.	1	..	1	..	1	..	..
Department of Bridges.....	4	1	3	..	..	..	4
Department of Correction....	22	4	18	5	15	..	2
Department of Docks & Ferries	38	5	33	10	25	..	3
Department of Education.....	25	5	20	11	10	..	4
Department of Finance.....	4	2	2	..	1	3	..
Department of Health.....	9	3	6	4	4	..	1
Department of Parks.....	6	..	6	1	4	..	1
Department of Public Charities	43	11	32	7	29	..	7
Fire Department	15	2	13	9	3	1	2
Police Department	19	2	17	4	12	..	3
President, Borough of Manhattan	7	1	6	..	7	..	..
President, Borough of The Bronx	12	4	8	7	4	1	..
President, Borough of Brooklyn	3	1	2	1	2	..	..
President, Borough of Richmond	3	2	1	1	..	..	2

City of New York—Board of Estimate and Apportionment—Standard Testing Laboratory, Report for Month Ending February 28, 1913.

Departments.	Totals.	Samples on Hand Not Analyzed February 1, 1913.	Samples Received During February, 1913.	Analyses of Samples Resulting in: Compliance with Specifications.	Non-Compliance with Specifications.	Research.	Samples on Hand Not Reported February 28, 1913.
Armory Board—							
Coal	5	..	5	1	4	..	..
Bellevue and Allied Hospitals—							
Coal	8	2	6	2	5	..	1
Soap, Chip	1	..	1	..	1	..	..
Soap, Laundry	1	..	1	..	1	..	..
Soap, Powder	1	..	1	..	1	..	..
Soap, Scouring	2	..	2	2	..	..	..
Soap, Soft	1	1	..	..	1	..	..
Soap, Toilet	1	..	1	..	1	..	..
Totals	15	3	12	4	10	..	1
Board of City Record—							
Paper, Index Bristol	1	..	1	..	..	1	..
Paper, Linen Ledger	1	..	1	..	..	1	..
Paper, Super	3	..	3	..	..	3	..
Typewriter Ribbons	2	2	..	..	..	2	..
Totals	7	2	5	..	..	7	..
Commissioner of Accounts—							
Bituminous Paving Materials	18	18	..	..	..	18	..
Whiskey	2	2	..	..	..	..	2
Totals	20	20	..	..	..	18	2
Commission on Standardization—							
Asphalt	6	..	6	..	..	..	6
Cleaning Powder	5	4	1	..	..	..	5
Cloth (Flannel)	6	..	6	..	..	..	6
Coal Briquettes	1	1	..	..	..	1	..
Creosote	1	1	..	..	..	..	1
Glassware, Laboratory	15	..	15	..	..	..	15
Granite Block	1	1	..	..	..	..	1
Paint White Enamel	3	3	..	..	..	3	..
Paving Blocks	3	2	1	..	..	..	3
Rubber, Hospital Supplies	16	..	16	..	..	..	16
Tallow	5	5	..	..	..	5	..
Turpentine, Wood	1	1	..	..	..	..	1
Totals	63	18	45	..	..	9	54
College, City of New York—							
Coal	1	..	1	..	1	..	..
Department of Bridges—							
Asphalt, Mastic	1	1	..	..	..	..	1
Asphalt, Rock	2	..	2	..	..	..	2
Coal	1	..	1	..	..	..	1
Totals	4	1	3	..	..	..	4
Department of Correction—							
Baking Powder	1	1	..	1	..	..	..
Coal	15	2	13	1	12	..	2
Cocoa	1	1	..	..	1	..	..
Chow Chow	1	..	1	..	1	..	..
Jelly, Apple	2	..	2	2	..	..	..
Roofing Tin	1	..	1	1	..	..	..
Solder	1	..	1	..	1	..	..
Totals	22	4	18	5	15	..	2
Department of Docks and Ferries—							
Engineering Bureau.							
Coal	3	1	2	..	3	..	..
Carbolineum	1	..	1	..	1	..	..
Paint, Cream	1	..	1	..	1	..	..
Paint, Green	1	..	1	1	..	..	..
Ferry Bureau.							
Coal	20	4	16	4	13	..	3
Supply Bureau.							
Babbitt Metal	2	..	2	2	..	..	..
Lead, Red, Dry	1	..	1	1	..	..	..
Oil, Linseed	1	..	1	..	1	..	..
Oil, Lubricating	4	..	4	2	2	..	..
Paint, Marine Black	2	..	2	..	2	..	..
Paint, Smokestack, Buff	1	..	1	..	1	..	..
Paint, White Enamel	1	..	1	..	1	..	..
Totals	38	5	33	10	25	..	3
Department of Education—							
Coal	25	5	20	11	10	..	4
Department of Finance, Division of Inspection—							
Insecticide	1	..	1	..	..	1	..
Oats	1	..	1	..	1	..	..
Water, Mineral	2	2	..	..	..	2	..
Totals	4	2	2	..	1	3	..
Department of Health—							
Coal	9	3	6	4	4	..	1
Department of Parks—							
Coal	6	..	6	1	4	..	1
Department of Public Charities—							
Bone, Crushed	1	..	1	..	..	..	1
Catsup	1	1	..	1	..	..	..
Chocolate	1	..	1	1	..	..	..
Coal	25	7	18	3	19	..	3
Cocoa	1	..	1	..	1	..	..
Soap, Castile	1	..	1	..	1	..	..
Soap, Chip	2	..	2	..	..	..	2
Soap, Laundry	2	1	1	1	1	..	..
Soap, Powder	3	..	3	..	3	..	..
Soap, Scouring	3	1	2	..	2	..	1
Soap, Toilet	2	..	2	..	2	..	..
Syrup	1	1	..	1	..	..	..
Totals	43	11	32	7	29	..	7
Fire Department—							
Coal	14	2	12	9	3	..	2
Zinc	1	..	1	..	..	1	..
Totals	15	2	13	9	3	1	2
Police Department—							
Coal	18	2	16	4	11	..	3
Grease, Lubricating	1	..	1	..	1	..	..
Totals	19	2	17	4	12	..	3
President, Borough of Manhattan—							
Coal	7	1	6	..	7	..	..
President, Borough of The Bronx—							
Asphalt	1	..	1	1	..	..	..
Asphalt, Block	1	..	1	1	..	..	..
Asphalt, Cement	3	2	1	2	..	1	..
Asphalt, Flux	2	1	1	2	..	..	..
Auto Naphtha	3	..	3	..	3	..	..
Coal	2	1	1	1	1	..	..
Totals	12	4	8	7	4	1	..
President, Borough of Brooklyn—							
Coal	3	1	2	1	2	..	..
President, Borough of Richmond—							
Granite Block	2	2	..	..	..	..	2
Oil, Creosote	1	..	1	1	..	..	..
Totals	3	2	1	1	..	..	2

Department of Education—Appropriation for School Sites, Etc. (Cal. No. 60).

The Secretary presented:

Communication from the Secretary of Local School Board, District No. 38, Borough of Brooklyn, requesting that immediate action be taken towards appropriating funds for school sites and buildings in District 38, Borough of Brooklyn.

Which was referred to the Corporate Stock Budget Committee, consisting of the Comptroller, President of the Board of Aldermen and President of the Borough of Manhattan.

All City Departments—Specifications for Window Glass (Cal. No. 61).

The Secretary presented the following:

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 26, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—The specification in a contract recently advertised by the Board of Education for furnishing and delivering glass to various public schools in the Borough of Manhattan, reads:

"All the glass required by this specification shall be second quality clear American sheet glass, free from any blisters or discolored glass.

"All lights of glass up to 16 by 24 inches in size shall be single thick, not thinner than 13 to the inch, and all glass above 16 by 24 inches shall be double thick, not thinner than 9 lights to the inch in thickness."

The trade lists issued by manufacturers of window glass show, in both single and double thicknesses, three grades of glass, known as AA, A and B. Grade AA is the best quality and is used for picture framing, photographic negatives, etc. Grade A is the second best quality of glass and is suitable for all general purposes. Grade B is a poorer quality, and will show minor defects such as small blisters, streaks, etc.

As the specification is drawn, it calls for second quality glass. This is understood by some dealers to mean the A grade, while others assume it to mean the B grade, the latter dealers considering AA grade as a specially selected quality of glass only to be furnished when specifically ordered for certain uses.

It is stated by some dealers that, owing to this indefiniteness of the specification they are unable to put in a proper bid on the work.

I am of the opinion that the specification would be more advantageous to the City and that better prices would be obtained if the grade was stipulated to be AA, A or B.

For most purposes grade B would answer, while grade A, if specified, would give the better quality of glass. Grade AA would be little used by the City.

I am informed that the grades of glass are not specified in contracts for City departments generally.

I recommend therefore the adoption of the attached resolution directing all offices and departments to specify directly the grade of glass desired, the thickness of same, or the weight per square foot. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby directs the heads of all City Offices and Departments, in specifying window glass to be purchased by the City, to designate specifically by the letters AA, A or B, the grade of glass required to be furnished, and to state the thickness of same by fractional parts of the inch, by stating the number of lights to the inch or by stating the weight per square foot.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 (Cal. No. 62).

The Secretary presented the following:

The City of New York, Department of Water Supply, Gas and Electricity, Auditing Bureau, 13-21 Park Row, New York, February 24, 1913.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—Enclosed herewith are schedules supporting Accounts 664, 676, 679 and 680, modified to provide for certain employees included in schedules heretofore sent you, February 7, 1913, with request for approval by the Board of Estimate and Apportionment; these schedules to take the place of schedules numbered 664, 676, 679, 680 and 681. Yours truly, HENRY S. THOMPSON, Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, February 26, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—On February 24, 1913, the Commissioner of Water Supply, Gas and Electricity, requested modification of four salary schedules in his Department for 1913. In connection therewith I report as follows:

In Personal Service, Salaries Regular Employees—Water Supply, No. 664 T.C.W.,

Tax Levy, Corporate Stock and Water Rvenue Force, the line "Draftsman, 8 at $900," is changed to read:

Draftsman, 7 at $900.
*Axeman, 1 at $900 (A. S. I., $300).

This change is to provide for Edward V. Shiels, an Axeman at $900 appointed October 1, 1912, and not provided for in the 1913 budget. The position of Draftsman at $900 is vacant.

In Personal Service, Salaries Regular Employees, Water Supply—Filtration, No. 676C, Corporate Stock Force, the schedule line, "Assistant Engineer, 1 at $1,500," is changed to read:

*Leveler, 1 at $1,200 (A. S. I., $200).

—and the schedule total is reduced by $300.

Of the $500 available for salary increases in the vacant position reduced, $200 is starred in the new line, Leveler, 1 at $1,200, and $300 is used to increase two positions, $150 each, in No. 680 C.W., as subsequently noted.

This change is to provide for Charles A. Brushaber, a Leveler, at $1,200, appointed August 15, 1912, who was not included in the Commissioner's 1913 estimate, and, therefore, not provided for in the 1913 budget.

In Personal Service, Salaries Regular Employees, Water Supply—Distribution, No. 679C, Corporate Stock Force, the line reading, "Transitman, 1 at $1,200," is changed to read:

*Rodman, 1 at $1,200 (A. S. I., $400).

This change is to provide for Marcus Washburn, a Rodman, at $1,200, whose title cannot be changed to Transitman on account of Civil Service restrictions.

The line now reading, "Leveler, 1 at $1,500," is changed to read:

Leveler, 2 at $1,500.

This change is to provide for Harold T. Kinch, a Leveler, at $1,500, appointed July 27, 1904, who was absent on leave on account of illness at the time the budget estimate was being considered, and whose position was erroneously reported as vacant. He was, therefore, not provided for in the 1913 budget.

The line now reading, "Rodman, 2 at $900," is changed to read:

Rodman, 1 at $900.
*Axeman, 1 at $900 (A. S. I., $300).

This change is to provide for John Gould, Jr., an Axeman, at $900, appointed August 15, 1912, who cannot be promoted to the vacant position of Rodman on account of Civil Service restrictions.

The line now reading, "Inspector, 8 at $1,800," is changed to read:

Inspector, 9 at $1,800.

This change is to provide for Ernest Wetterer, an Inspector at $1,800, appointed July 30, 1907. Mr. Wetterer was carried on the payroll of Administration, Corporate Stock Force, during 1912, and his position appears in the Commissioner's departmental estimate for 1913 as "Transferred to Distribution—Corporate Stock," but through a clerical error was not added to the requested positions for distribution, and, therefore, was not provided for in the 1913 budget. The net result of the proposed changes in No. 679C is an addition of $3,300 to the present schedule total.

In Salaries, Regular Employees, Water Supply—Distribution, No. 680W, Corporate Stock and Water Revenue Force, the lines now reading, "Transitman, 1 at $1,350," and "Leveler, 1 at $1,200," are changed to read:

*Leveler, 1 at $1,500 (A. S. I., $600).
*Leveler, 1 at $1,350 (A. S. I., $550).

The proposed changes are to provide for Edwin A. Hemmings, a Leveler, at $1,500, increased from $1,350 to $1,500 on August 1, 1912, and John T. Dowd, a Leveler, at $1,350, who was increased from $1,200 to $1,350 on August 15, 1912. The $300 required for the two increases is obtained by the decrease of the position of Assistant Engineer at $1,500 to Leveler at $1,200 in No. 676C, as previously noted.

The line item changes, in detail are as follows:

Code No.	Line Item.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
664T.C.W.	Draftsman, 8 at $900	$900 00	.....	$900 00	.....
	*Axeman, 1 at $900 (A. S. I., $300)	.....	$900 00	.....	$900 00
676C	Assistant Engineer, 1 at $1,500	1,500 00	.....	1,500 00	.....
	*Leveler, 1 at $1,200 (A. S. I., $200)	.....	1,200 00	.....	1,200 00
679C	Transitman, 1 at $1,200	1,200 00	.....	1,200 00	.....
	*Rodman, 1 at $1,200 (A. S. I., $400)	.....	1,200 00	.....	1,200 00
	Leveler, 1 at $1,500	.....	1,500 00	.....	1,500 00
	Rodman, 2 at $900	900 00	.....	900 00	.....
	*Axeman, 1 at $900 (A. S. I., $300)	.....	900 00	.....	900 00
	Inspector, 8 at $1,800	.....	1,800 00	.....	1,800 00
680C.W.	Transitman, 1 at $1,350	1,350 00	.....	1,350 00	.....
	Leveler, 1 at $1,200	1,200 00	.....	1,200 00	.....
	*Leveler, 1 at $1,500 (A. S. I., $600)	.....	1,500 00	.....	1,500 00
	*Leveler, 1 at $1,350 (A. S. I., $550)	.....	1,350 00	.....	1,350 00
		$7,050 00	$10,350 00	$7,050 00	$10,350 00
	Decrease		7,050 00		7,050 00
	Net increase (corporate stock)		$3,300 00		$3,300 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 Water Supply, Gas and Electricity for the year 1913, to be effective as of January 1, 1913, as follows:

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Personal Service, Salaries, Regular Employees, Water Supply.

Executive—

664TCW Tax Levy, Corporate Stock and Water Revenue Force:

Chief Engineer	$10,000 00
Deputy Chief Engineer	7,500 00
Assistant Engineer	5,000 00
Assistant Engineer	4,000 00
Assistant Engineer, 3 at $3,000	9,000 00
Assistant Engineer, 4 at $1,800	7,200 00
General Inspector	3,000 00
Draftsman	1,800 00
Draftsman	1,500 00
Draftsman, 7 at $900	6,300 00
Transitman	1,650 00
Transitman	1,500 00
Transitman	1,050 00
Leveler	1,200 00
Rodman	1,200 00
Rodman	1,050 00
Rodman	900 00
*Axeman, 1 at $900 (A. S. I. $300)	900 00
Axeman	900 00
Clerk, 2 at $1,500	3,000 00
Clerk, 2 at $1,350	2,700 00
Clerk, 2 at $1,200	2,400 00
Clerk, 3 at $900	2,700 00
Clerk, 2 at $600	1,200 00
Clerk, 2 at $540	1,080 00
Clerk, 4 at $300	1,200 00
Stenographer and Typewriter, 1 at $1,350	1,350 00
*Stenographer and Typewriter, 1 at $1,350 (A. S. I. $450)	1,350 00
Stenographer and Typewriter, 3 at $1,050	3,150 00
Stenographer and Typewriter, 1 at $900	900 00
*Stenographer and Typewriter, 2 at $900 (A. S. I. $300 each)	1,800 00
Typewriting Copyist, 2 at $900	1,800 00
Automobile Engineman	1,200 00
Schedule Total	$91,480 00
Tax Levy Allowance	$45,128 33
Corporate Stock Allowance	34,621 67
Water Revenue Allowance	11,730 00
Total Allowance	$91,480 00

Personal Service, Salaries, Regular Employees, Water Supply.

Filtration—

676C. Corporate Stock Force:

Expert on Filtration	$6,000 00
Division Engineer	5,000 00
Division Engineer	4,500 00
Assistant Engineer	3,500 00
Assistant Engineer	3,000 00
Assistant Engineer	2,400 00
Assistant Engineer, 6 at $2,100	12,600 00
Mechanical Engineer	1,800 00
Assistant Engineer	1,800 00
Assistant Engineer	1,650 00
*Leveler, 1 at $1,200 (A. S. I., $200)	1,200 00
Draftsman, 6 at $1,500	9,000 00
Rodman	1,050 00
Stenographer and Typewriter	1,050 00
Clerk	300 00
Schedule total	$54,850 00
Corporate stock allowance	$54,850 00

Personal Service, Salaries, Regular Employees, Water Supply.

Distribution—

679C. Corporate Stock Force:

Assistant Engineer	$4,800 00
Assistant Engineer	3,500 00
Assistant Engineer, 3 at $3,000	9,000 00
Assistant Engineer	2,800 00
Assistant Engineer	2,700 00
Assistant Engineer	2,550 00
Assistant Engineer, 2 at $2,400	4,800 00
Assistant Engineer	2,100 00
Assistant Engineer, 4 at $1,800	7,200 00
Assistant Engineer	1,500 00
Assistant Engineer	1,350 00
Transitman, 9 at $1,800	16,200 00
Transitman, 3 at $1,650	4,950 00
Transitman, 3 at $1,500	4,500 00
Draftsman, 2 at $1,800	3,600 00
Draftsman	1,650 00
Draftsman, 7 at $900	6,300 00
Leveler, 2 at $1,500	3,000 00
Leveler, 2 at $1,350	2,700 00
Leveler	1,200 00
*Rodman, 1 at $1,200 (A. S. I., $400)	1,200 00
Rodman, 5 at $1,200	6,000 00
Rodman, 7 at $1,050	7,350 00
Rodman	900 00
Axeman, 5 at $900	4,500 00
*Axeman, 1 at $900 (A. S. I., $300)	900 00
Axeman	840 00
Inspector, 9 at $1,800	16,200 00
Inspector, 2 at $1,500	3,000 00
Keeper	1,500 00
Clerk	1,500 00
Clerk	1,350 00
Clerk	900 00
Clerk	300 00
Stenographer and Typewriter	1,200 00
Stenographer and Typewriter	900 00
Schedule Total	$134,940 00
Corporate stock allowance	$134,940 00

Personal Service, Salaries, Regular Employees, Water Supply.

Distribution—

680CW. Corporate Stock and Water Revenue Force:

Assistant Engineer	$3,500 00
Assistant Engineer	3,000 00
Transitman	1,650 00
*Leveler, 1 at $1,500 (A. S. I., $600)	1,500 00
*Leveler, 1 at $1,350 (A. S. I., $550)	1,350 00
Draftsman	1,500 00
Draftsman, 3 at $900	2,700 00
Clerk	1,650 00
Clerk	750 00
Clerk	900 00
Clerk, 2 at $600	1,200 00
Clerk	540 00
Clerk, 2 at $300	600 00
Stenographer and Typewriter	1,200 00
Foreman, 2 at $1,800	3,600 00
Schedule total	$25,640 00
Corporate stock allowance	$11,559 00
Water revenue allowance	14,081 00
Total allowance	$25,640 00

Which was adopted by the following vote:

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

Court House Board—Vesting of Title in the City to Site for County Court House, New York County (Cal. No. 63).

(On February 20, 1913, this matter was referred to the Corporate Stock Budget Committee for report at this meeting.)

The Secretary presented:

Petition of owners of property selected for the new County Court House for New York County, praying that title to said property vest in The City of New York on March 1, 1913.

Mr. Edward W. Murphy and Mr. Alexander Rosenthal appeared in support of said proposition.

The Comptroller, on behalf of the Corporate Stock Budget Committee, recommended that no action be taken at this time, and moved that the petition for vesting title be denied, which motion was adopted by the following vote:

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

The following matters not on the Calendar for this day were considered by unanimous consent:

Department of Docks and Ferries—Amendments to Chapters 776 and 778 of the Laws of 1911 (No. 64).

The President of the Board of Aldermen presented the following:

March 6, 1913.

To the Board of Estimate and Apportionment:

Gentlemen—The Committee on Terminal Improvements, in considering the plans for the construction, equipment and operation of a terminal freight railway upon the water-front of the Borough of Brooklyn, between 65th street and the Brooklyn Bridge, and in particular with a view to the joint operation of the proposed railway by the transcontinental trunk lines, has found that the existing statutes fail to give the City the power necessary to carry its plans into effect.

The statute under which terminal railways, such as that proposed for South Brooklyn and for the west side of the Borough of Manhattan, could be constructed, is chapter 776 of the Laws of 1911. This statute has been made the subject of a very careful study and analysis by your committee, and, in its opinion, the statute as it lies at present is at the same time obscure, self-contradictory and defective. It gives to the City, through the Board of Estimate and the Commissioner of Docks, the power arbitrarily to fix rates in and upon any terminal facilities created thereunder, and at the same time in effect prescribes that such rate shall be not more than enough to net for the City interest and sinking fund upon its capital investment in the enterprise. This would make it impossible for the City to secure a private operator of such terminal facilities, and, therefore, would compel the City to forego the immense advantage of securing the joint operation of the South Brooklyn terminal railway by the transcontinental trunk lines. It would practically drive the City, in the case of that railway and the one ultimately projected for construction on the west side of Manhattan Island, to the expedient of municipal operation. In the opinion of your committee, it is most unwise to limit the City's choice of operating plans.

Another limiting provision of the present law which would make private operation impracticable to the point of impossibility is the requirement that all contracts for private operation reserve to the City the power of recapture at any time upon one year's notice. Your committee is of the opinion that the City should be given a somewhat broader discretion in this matter.

Still another provision of the present law highly undesirable in the eyes of your committee is that which prescribes that all streets included within a terminal established under the act shall be taken out of the jurisdiction of the Borough President of the particular borough affected and placed within that of the Commissioner of Docks, and thereafter classed as marginal wharves. Your Committee is of the opinion that the Board of Estimate should have the discretionary power to declare which streets shall and which shall not become marginal wharves.

Still other provisions of the existing law are, in the opinion of this committee, restrictive and obstructive and require change in order that the various port improvements contemplated by the Dock Commissioner and by this Board may be carried into effect. It therefore submits herewith a proposed bill amending chapter 776 of the Laws of 1911 as indicated, and recommends that this Board approve this bill, and cause the same to be transmitted to the Legislature for introduction, and that the enactment thereof into law be urged as an administration measure.

The committee likewise has found that chapter 778 of the Laws of 1911, being in itself an amendment of the transportation corporations law providing for the incorporation of freight terminal companies, is unduly restrictive and would prohibit the very arrangement for the joint operation of the South Brooklyn terminal railway by the transcontinental trunk lines which your committee regards as one of the most valuable proposed features of that projected terminal.

The present law forbids railroads to hold stock or to acquire any proprietary interest in a freight terminal company organized under the act. As it would be necessary for the transcontinental trunk lines to organize an independent joint operating company under this act in order to undertake the operation of the City's proposed terminal railway in South Brooklyn, it is manifest that the present law would render it impossible for the City to realize the most attractive features of the South Brooklyn plan.

The committee submits herewith a bill amending chapter 778 of the Laws of 1911, which removes the prohibition against stock or bond ownership or participation by railroads in terminal operating companies. It recommends that this bill be transmitted to the Legislature with a recommendation for enactment into law as an administration measure. Respectfully submitted,

JOHN PURROY MITCHEL, President of the Board of Aldermen; WM. A. PRENDERGAST, Comptroller; GEORGE McANENY, President of the Borough of Manhattan; NELSON P. LEWIS, Chief Engineer of the Board of Estimate and Apportionment.

An Act to amend chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," generally.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Subdivisions (d), (e), (f), (g), (i), (j) and (l) of Section 2 of chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," are hereby amended to read as follows:

(d) "Marginal Wharf" means the area extending inshore from the bulkhead line shown on any plan for the improvement of the water-front adopted pursuant to law and constructed in accordance with such plan:

[(1) Designated as "marginal street, wharf or place" or]

[(2) Authorizd by law to be used for the deposit, transfer, or transportation of property upon, above or under the same, or for the erection or operation of terminal ways, terminal stations, terminal stores or other terminal facilities.]

(e) "Water-front property" means all wharves, marginal wharves, piers, docks, bulkheads, slips and basins, and all structures thereon and land under water beneath the same and lands under water below high-water mark, and all rights, privileges and easements appurtenant thereto, together with such land, upland, and made land adjacent to the said wharves, piers, docks and bulkheads, slips, basins and lands under water, jurisdiction of which [said land, upland and made land] may be assigned to the commissioner by the board of estimate and apportionment [.] *or the Commissioners of the Sinking Fund.*

(f) "Terminal basins" means all [basin or] basins, [harbor, or] harbors, graving or loading [dock or] docks that may be provided by the inclosure, natural or artificial, of water for the flotation, protection or handling of shipping or freight, or for transport service of any class.

(g) "Terminal ways" means a way or ways constructed or operated under the provisions of this act for the transport of freight to, from, across or along any [water-front] water-front property, [marginal wharf, slip] or canal of or in the city [or terminal stations or terminal stores adjacent or in proximity thereto] or any extension or extensions, branch or branches, approach or approaches, siding or sidings [thereof, or] bridge or bridges thereof or therefor, upon, lying upon, above or below any street, avenue, road, highway, park or parkway, bridge, viaduct, or public place or slip, canal or waterway, public or private, water-front property, lands and lands under water of or in the city, including all equipment and terminal facilities, of every kind used *or* operated [or owned by or] in connection with any such way so constructed or operated under this act.

(i) "Terminal stores" means a building or buildings or space [being a part of or adjacent to a terminal station] for the temporary storage of freight while in the process of delivery, shipment or transport [.] *or for use for general warehouse purposes.*

(j) "Terminal factories" means the space used for manufacture and for the storage incidental thereto of materials, supplies and products together with such power, light, machinery, and other facilities therefor as may be supplied in connection therewith [in premises physically connected with or adjacent to terminal ways, basins or stations].

(l) "Equipment" means elevators, conveyors and conveying apparatuses, hoists, shutes, float bridges, transfer bridges and appliances for lighting, heating, or refrigerating, roadbed, tracks, switches, cross-overs, spurs, signals, telphers, cars, motors, engines and rolling stock of all [description] *descriptions;* tugs, floats and lighters; power plant, sub-stations and transformers, appliances for transmission of power by third rail, overhead wires or other means; telephone and telegraph wires and other means of communication; together with all appurtenances and appliances appertaining thereto, connected therewith or used in the operation thereof.

Section 2. Section 3 of chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended to read as follows:

Section 3. [The board of estimate and apportionment of the city of New York is hereby empowered to authorize the commissioner, subject to such conditions as said board may deem proper:]

[(1) To adopt plans for terminal facilities and equipment thereof and therefor.] *The commissioner when directed by the board or when he deems it to be for the interest of the city so to do, shall submit to the board plans for terminal facilities, which shall consist of:-*

(a) A map or maps showing the area to be included in said terminal facilities, together with the location of any buildings, railroad tracks, wharves, piers, bulkheads and other structures which are to form a part thereof;

(b) A description, by metes and bounds, of all property which it is proposed to acquire by purchase or otherwise as a part of said terminal facilities. [which]

These plans when adopted [by the commissioner] and certified by the board and filed in the office of the department of docks and ferries, or any modification thereof or addition thereto *thereafter* so adopted [and] certified, *and filed* shall be the plans according to which exclusively any terminal facilities [and equipment] shall be laid out or constructed by the city, its agents or contractors, or water-front property or other property, [real or personal] acquired therefor. Whenever the plans so adopted and certified shall include the narrowing or widening of a street or the opening and construction of a new street or the abandonment of a street already in existence, the power [and the duty] to narrow, widen, open, construct, abandon or close the same, or to cause the same to be narrowed, widened, opened, constructed, abandoned or closed, shall exclusively reside with the [commissioner] *board* [who] *which* is hereby authorized to take such steps as may be necessary in that regard; and, after the same shall have been so widened or opened, *the board shall determine whether* [the right to maintain the widened portion of a street already opened, and such new street, shall also reside with the said commissioner; but] the street so widened, to the extent of the part so widened, or such new street opened under such plan or plans shall [not] be a public street [but shall be] *or* a marginal wharf [and shall be used in such manner as the commissioner shall determine].

[(2) In pursuance of said plans, to acquire property for terminal facilities and equipment thereof, hereby declared to be a public use, which said property may be acquired under and in accordance with the provisions of law providing for the acquisition of property for the improvement of the water-front of the city of New York.]

[Provided, that when, at any height, or depth, an area of land is required for the purposes of such terminal facilities, the entire fee of land furnishing such area, or such lesser estate therein as said board shall deem needed for public use and direct, may be so required; and the city may use for other public purposes; or may lease or permit the use for storage, warehousing, manufacturing or otherwise of such levels and parts of levels thereof as from time to time may not be required for such terminal facilities—but at no time for more than ten years in advance and always subject to resumption by the city on not to exceed one year's notice on terms stated in such lease or permit.]

[And provided further, that the area of land to be so acquired for the purposes of this act may include such area, additional and adjacent to that required for the structure of such terminal ways or stations, as said board of estimate and apportionment may authorize and certify as required to be replotted, regraded or otherwise adapted for convenient access to and use of such ways or stations or other improvement of the water-fronts of said city in connection therewith; and that such area not required for such structure, but which may have been so acquired, after the same shall have been so replotted, regraded or otherwise adapted for such access, use or improvement, may be disposed of by the city subject to such restrictions as said board may see fit to impose thereon to promote such access or use or to effect such improvement. Moneys received by the city upon such disposition of lands so acquired shall be applied to the redemption of the corporate stock of the city of New York.]

[(3) To build or cause to be built the whole or any part of terminal ways, including foundations, abutments and bridges required therefor, terminal stations and equipment thereof provided for by said plans, and generally to execute such plans.

The commissioner may by force of and with the equipment of the department execute all work authorized by or under this act and perform all duties thereby imposed upon him. Whenever any such work other than such as can be done by the force and equipment of the department or supplies or materials are needed for any particular purpose, which work is to be undertaken or supplies furnished for the city of New York, and the several parts of said work or supply shall together involve the expenditure of not more than two thousand five hundred dollars the same may be secured without contract, provided the commissioner shall certify the necessity therefor and the board of estimate and apportionment shall authorize such expenditure without contract.]

[(4) To adopt rates and regulations for the use of the terminal ways, terminal stations and equipment for the transportation of property in connection therewith and to provide and enforce penalties for violation of such rules and regulations.]

[(5) In the name and on behalf of the city to operate or to lease the right to operate or to permit the use of terminal facilities upon such terms and subject to such regulations as he may establish; and to carry into effect the provisions of this act the commissioner may purchase or lease or obtain in the best manner obtainable for the interests of the city, and according to law, power, light, heat and fixtures for the use thereof and other necessities and conveniences for such operation, provided that nothing herein contained shall be deemed to include the right or privilege to grant a franchise to carry on the business of generating, selling or distributing electric light, heat or power.]

[Provided that any lease or permit for operation or use shall be in such terms and subject to such conditions as shall permit its termination by the city at any time or times on notice of not to exceed one year and on terms thereby set forth; and that no lease or permit shall be made for a longer period than twenty-five years or renewed more than two years prior to the expiry of its terms; and provided also that nothing herein shall be construed to limit the right of the city by lease or otherwise to permit the occupation for use for storage, factory or any other purpose whatever, whether to be carried on in connection with or independently of such terminal facilities, or any part of its property not for the time needed and used or occupied for terminal facilities; but for terms not to exceed ten years in advance of the fixing thereof, and always subject to resumption at the option of the city on conditions definitely settled in advance.]

[Provided, however, that in case any terminal facilities shall be provided or agreed to be provided by the city as a substitute in whole or in part for any existing tracks or other transportation or terminal facilities which the owner thereof may agree to surrender in consideration of the right to use such terminal facilities so provided in substitution, or agreed to be provided in substitution, the city may for such time and on such terms and conditions as may be agreed upon lease, permit or agree in respect to such substituted use or operation.]

[(6) To hire or contract for use by the city in supplement or extension of its terminal facilities such ways, stations, basins, plant or service, as, being owned or controlled by others than the city, shall be needed or proper to that end, but not for a longer period than twenty-five years, except as provided for by option to the city.]

Section 3. Section 4 of chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended to read as follows:

Section 4. [All applications for leases of or contracts for the right to operate terminal ways, terminal stations, or terminal stores under the control of such board or commissioner, or for the transportation or storage of property thereon or therein or for the right to use such terminal ways, terminal stations or terminal stores or for the transportation of property thereon or therein shall in the first instance be made in writing to the commissioner who is hereby authorized to enter into negotiations and provisionally to agree in regard thereto. After any such provisional agreement shall have been reached between the commissioner and the proposed lessee, such provisional agreement, or if no such agreement can be arrived at, then the offer of the proposed lessee shall be transmitted to the board, which, subject to this act, shall have full power to fix the terms and conditions of a lease or other contract in the premises and to authorize its execution. The lease, when authorized, shall be executed by the commissioner and shall be sealed with the seal of the department of docks and ferries of said city.]

Upon the receipt of said plans, the board shall fix a date for a hearing, and shall direct the publication of notice therof 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 the date of said hearing. Said notice shall contain a general description sufficient to identify the said plans, and shall contain a statement of the date, time and place of such meeting, and that at such time and place all persons in interest will be heard prior to the adoption of any resolution in the premises.

Section 4. Section 5 of chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended to read as follows:

Section 5. [All general or special resolutions of the Board of Estimate authorizing or certifying plans provided for in this act shall be passed after a public hearing by said board, notice of which hearing shall have been published in the CITY RECORD for at least six consecutive days not less than seven nor more than thirty days before said meeting, which publication shall contain a general description sufficient to identify the matter to be affected by the resolution, a statement of the day, time and place of such meeting and that at such meeting all parties in interest will be heard prior to the adoption of any resolution in the premises.]

After the adoption and certification of said plans, and the filing thereof in the department of docks and ferries, the board may direct the commissioner to acquire, in the name and for the benefit of the corporation of the city of New York, any and all real property included in said plans or any interest therein, which may be necessary in the opinion of the board of estimate for the creation of the terminal facilities shown upon the map or maps forming part of said plans. The proceedings for the acquirement of the title to such property shall be taken and conducted in the manner prescribed in chapter twenty-one of the Greater New York Charter.

Provided, that when, at any height, or depth, an area of land is required for the purposes of such terminal facilities, the entire fee of land furnishing such area, or such lesser estate therein, as the said board shall deem needed for public use may be so acquired; and the city may use for other public purposes, or may lease or permit the use for storage, warehousing, manufacturing or otherwise, of such levels and parts of levels thereof as from time to time may not be required for such terminal facilities.

And provided further, that the area of land to be so acquired for the purposes of this act may include such area, additional and adjacent to that required for the structure of such terminal ways or stations, as said board of estimate and apportionment may authorize and certify as required to be replotted, regraded or otherwise adopted for convenient access to and use of such way or stations or other improvement of the water-front of said city in connection therewith, and that such area not required for such structure, but which may have been so acquired, after the same shall have been so replotted, regraded or otherwise adapted for such access, use or improvement, may be disposed of by the city, subject to such restrictions as said board may see fit to impose thereon to promote such access or use, or to effect such improvement. Moneys received by the city upon such disposition of lands so acquired shall be applied to the redemption of the corporate stock of the city of New York.

Section. 5. Section 6 of chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby renumbered section 8c, and as so renumbered is amended to read as follows:

Section [6] *8c.* Neither in any such operation of any such way, station or store, nor in any such transport as it shall undertake, shall the city of New York be or undertake to be liable as a common carrier[; but such ways, stations, stores and other terminal facilities shall be and be considered as facilities supplied by the city not for gain, but for public use and administered by it only for and on behalf of such of the public as desire the same].

Section 6. Chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended by adding thereto a new section to be numbered section 6, and to read as follows:

Section 6. The board may direct the commissioner to build or cause to be built the whole or any part of terminal ways, including foundations, abutments and bridges required therefor, terminal stations and equipment thereof, provided for by said plans, and generally to execute such plans.

Section 7. Section 7 of chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended to read as follows:

Section 7. [In fixing the rate of rent or other charge to be exacted by the city for such facilities or any of them or the use thereof, regard shall be had to the expense of operation, repair, renewal, depreciation, interest on cost and amortization within not less than fifty years of any debt incurred therefor; and such rates shall not be fixed higher than, by certificate of the commissioner, approved or as modified by the board, shall be ample for such purposes and respectively proportioned to the estimated cost of the services to be furnished. And, to such extent as the commissioner may recommend and the board approve, such rates may be temporarily put and from time to time readjusted at such lower figures as the board may consider proper to inaugurate or develop the freight terminal service hereby provided for.]

The board may direct the commissioner in the name and on behalf of the city to operate or to permit the use of terminal facilities upon such terms and subject to such regulations as the board from time to time may establish; and to carry into effect the provisions of this act, the commissioner may purchase or lease or obtain in the best manner obtainable for the interests of the city, and according to law, power, light, heat and fixtures for the use thereof, and other necessities and conveniences for such operation, provided that nothing herein contained shall be deemed to include the right or privilege to grant a franchise to carry on the business of generating, selling or distributing electric light, heat or power.

Section 8. Section 8 of chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven, entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby renumbered section 8d, and as so renumbered is amended to read as follows:

Section [8] *8d.* Nothing herein contained shall be construed as in any way limiting the present or future jurisdiction of the public service commission of the state of New York, and nothing herein contained shall be construed as limiting or repealing any of the provisions of the railroad law of the state of New York. *Provided, however, that it shall not be necessary before constructing a railroad as part of terminal facilities to obtain a certificate of convenience and a necessity from the public service commission.*

Section 9. Chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended by adding thereto a new section to be numbered Section 8, and to read as follows:

Section 8. In case any terminal facilities shall be provided, or agreed to be provided by the city as a substitute, in whole or in part, for any existing tracks, or other transportation or terminal facilities which the owner thereof may agree to surrender in consideration of the right to use such terminal facilities so provided in substitution, or agreed to be provided in substitution, the city may for such a time, and on such terms and conditions as may be agreed upon, lease, permit or agree in respect to such substituted use or operation.

Section 10. Chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended by adding thereto a new section to be numbered Section 8a and to read as follows:

Section 8a. The Board may hire or contract for use by the city in supplement or extension of its terminal facilities such ways, stations, basins, plant or service, as, being owned or controlled by others than the city, shall be needed or proper to that end, but not for a longer period than twenty-five years except as provided for by option to the city.

Section 11. Chapter seven hundred and seventy-six of the laws of nineteen hundred and eleven entitled "An Act to improve the water-front facilities of the city of New York, in relation to the receipt, delivery and shipment of freight," is hereby amended by adding thereto a new section to be numbered section 8b and to read as follows:

Section 8b. If the board of estimate shall determine that municipal operation of any terminal facilities created under this act is inexpedient, it shall advertise for proposals for the privilege of constructing, equipping and operating the same, or for equipping and operating after construction by the city, or for operating after construction and equipment by the city, by a notice to be printed once a week for two successive weeks in not less than two daily newspapers, to be designated by the Mayor, and may require security from bidders for the execution of their bids, if accepted. Such notice shall describe the said terminal facilities in such terms as the board of estimate shall deem proper, and shall state the time and place at which proposals will be received and opened. All proposals shall undertake to equip said facilities, unless equipment shall have been provided by the city, and to maintain and operate said terminal facilities for a period not exceeding twenty-five years, with the privilege, however, of renewing said contract for a further period not exceeding twenty-five years upon terms to be readjusted as provided in said contract. Such proposals may offer to pay to the city for the use of such terminal facilities either (1) a fixed annual sum; or (2) a share of gross receipts; or (3) a share of net receipts. The board of estimate, or a duly appointed committee thereof, shall attend at the time and place specified in said public notice and shall publicly open all proposals which shall have been received, but the board of estimate shall not be bound to accept any proposal so received, but may reject all such proposals and readvertise for proposals in the manner hereinbefore provided, or may accept any of such proposals as will, in the judgment of the said board of estimate, best promote the public interest, and award a contract accordingly. Any contract for private operation of terminal facilities shall contain a provision whereby the city, at any time after ten years, may terminate the same so far as it relates to the maintenance and operation of terminal ways, and terminal stations, and the equipment thereof, upon terms to be fixed in said contract upon giving one year's written notice of its intention so to do. Upon termination by the city, pursuant to the privilege so reserved, the city shall purchase the equipment actually used in the operation of said terminal facilities at an amount agreed upon between the owner thereof and the city; or, in the event of failure to agree, at an amount to be fixed by appraisal, each party to name one impartial appraiser, and the two so named to select the third. In the event of failure to agree upon a third appraiser, he shall be named by the presiding justice of the Appellate Division of the Supreme Court, First Department; provided, however, that the contract for the operation of said terminal facilities may provide for the amortization of all or a part of the operator's investment out of earnings, in which event, the portion so amortized shall become the property of the city at the termination of the contract without further payment to the operator.

Any contract for private operation may provide for the construction of warehouses, factories or other buildings on land owned by the city, which warehouses, factories or buildings shall, during construction and at all times thereafter, be the property of the city. The contract may provide for the amortization of the cost of said warehouses, factories or buildings out of receipts from their operation, or out of receipts from the operation of all the terminal facilities included in said contract during the term thereof, and may provide for the payment by the city of any unamortized portion of the actual cost plus a reasonable contractor's profit, not to exceed fifteen per cent., at the termination of the contract, or on the exercise of an option to recapture reserved in the contract. The contract may provide for the payment to the city for the privilege of operating such warehouses, factories or other buildings so constructed, either (1) a fixed annual sum; or (2) a share of the gross receipts; or (3) a share in the net profits.

The said contract may contain any other provision not inconsistent with this act which the board of estimate and apportionment may deem necessary or desirable for the protection of the interests of the city of New York.

Section 12. This act shall take effect immediately.

An Act to amend Chapter 778 of the laws of 1911, entitled "An act to amend the transportation corporations' law by adding thereto an additional article, ten-a, providing for the incorporation of freight terminal companies," in relation to the ownership or control of stock and bonds of freight terminal companies by certain corporations and joint stock associations.

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

Section 1. Section 154 of "An Act to amend the transportation corporations law by adding thereto an additional article, ten-a, providing for the incorporation of freight terminal companies," being chapter 778 of the laws of 1911, is hereby amended to read as follows: Section 154. Three or more persons may become a corporation for the supply, maintenance and operation of freight terminal facilities—including docks, wharves, bulkheads, basins, tugs, floats, lighters and other shipping, and wharfage and lighterage for the receipt, delivery, storage or handling of freight; terminal ways for initial or final local transport of freight received for shipment or delivery in or from the locality in which the business of such corporation shall be carried on; terminal stations and stores for the receipt, storage, handling, protection and preservation of freight; terminal warehousing; freight collection, delivery and express service to and from terminal docks, terminal ways, terminal stations, terminal stores and warehouses of and for freight for transport, handling, storage, warehousing, carriage, manufacture or use thereby, thereat or in such locality; terminal factory facilities, including room, power, heat, light and machinery for the use, manufacture, handling, display, sale and shipment of such supplies, materials and products as at such locality shall or may be received or shipped as freight from or by any terminal wharf, way, station, store, warehouseman, manufacturer, or carrier doing business at such locality; and equipment for such docks, ways, stations, stores, warehouses, service and factories—by making, signing, acknowledging and filing a certificate stating the name of the corporation—which shall include the words "freight terminal company;" its objects as above set forth; the amount of its capital stock, not less than one million dollars if its principal place of business is to be in the Borough of Manhattan, five hundred thousand dollars if in the borough of Brooklyn, two hundred and fifty thousand dollars if in either of the boroughs of the Bronx, Queens or Richmond, in the city of New York, and one hundred thousand if in any other locality of the state; the number of its directors, not less than three nor more than thirteen; the names and places of residence of the directors for the first year; and a statement of the place and the limits of the locality in which such corporation shall do business.

Provided, that nothing in this article shall be so construed as to permit any freight terminal company to engage in manufacture or production except of supplies for its own use, including power, heat, light and equipment for such terminal docks, ways, stations, stores, warehouses and factories, and nothing herein contained shall be deemed to include any right or privilege to carry on the business of generating, selling or distributing electricity for light, heat and power purposes, nor shall the right, operations and use of such privileges be extended beyond the streets or marginal streets bounding or occupied by the terminal docks, ways, stations, stores, warehouses and factories operated by any freight terminal company. [No railroad corporation, and no corporation or joint-stock association engaged in carrying on what is known as an express business, shall either directly or indirectly, or through the medium of a holding company or otherwise, purchase, acquire or hold any of the stocks or any bonds or other evidences of indebtedness issued by any corporation which is formed under the provisions of this article.]

Section 2. This act shall take effect immediately.

[ ] Old law, to be omitted; *italics,* new matter.

The President of the Board of Aldermen moved that the report be approved and the Secretary be directed to transmit the report and the proposed amendments to the Corporation Counsel for examination, with the request that the amendments be introduced in the Legislature for enactment.

Which motion was adopted.

Department of Water Supply, Gas and Electricity—Appropriation from Water Revenue of Brooklyn and Modification of Schedules (No. 65).

The Secretary presented:

Communication from the Commissioner of Water Supply, Gas and Electricity requesting an appropriation from the water revenue of the Borough of Brooklyn to provide for additional Laborers, Drivers and Automobile Enginemen at an additional expense of $6,945, of which $6,036 is to be derived from water revenue, also modification of Schedules Nos. 681W and 707CW.

Which was referred to the Comptroller:

Tenement House Department—Increase of Salaries of Clerical Force (No. 66).

The Secretary presented:

Communication from the Tenement House Commissioner, submitting for favorable consideration communication from the clerical force in his department relative to increases in salaries.

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.

Normal College of The City of New York—Establishment of Grades of Positions (No. 67).

The Secretary presented:

Communication from the Secretary, Board of Trustees of Normal College, transmitting certified copy of resolution adopted by said Board on February 26, 1913, requesting the establishment of the following grades of positions:

Architectural Draftsman at $2,400, $1,800 and $1,350 per annum.
Architectural Designer, at $2,700 per annum.
Structural Steel Draftsman, at $1,800 and $1,350 per annum.
Mechanical Draftsman (Sanitary) at $1,500 per annum.
Junior Architectural Draftsman, at $900 per annum.

Which was referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President, Board of Aldermen.

Department of Parks, Borough of Queens—Retirement of John Brown, Laborer (No. 68).

The Secretary presented:

Communication from the Commissioner of Parks, Borough of Queens, submitting application of John Brown, Laborer in the Park Department, Borough of Queens, for retirement, pursuant to chapter 669, of the Laws of 1911, as amended.

Which was referred to the Committee on Salaries and Grades, consisting of the Comptroller and The President, Board of Aldermen.

On motion the Board adjourned to meet Tuesday, March 11, 1913, at 10:30 o'clock A. M., for the purpose of considering the proposed Certificates, Contracts and Supplemental Agreements submitted to the Board by the Public Service Commission at this meeting.

JOSEPH HAAG, Secretary.

Minutes of Meeting of Board of Estimate and Apportionment Held in Room 16, City Hall, Tuesday, March 11, 1913.

The Board met in pursuance of an adjournment.

Present—William J. Gaynor, Mayor; William A. Prendergast, Comptroller; John Purroy Mitchel, President, Board of Aldermen; George McAneny, President, Borough of Manhattan; Alfred E. Steers, 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.

FRANCHISE MATTERS.

Rapid Transit Railways.

The Board proceeded with the consideration of the communication dated March 4, 1913, from the Public Service Commission for the First District submitting for approval of this Board proposed certificates, proposed contracts and proposed supplementary agreements as follows:

1. Proposed certificate to be issued to Interborough Rapid Transit Company to construct, maintain and operate certain elevated railroad extensions as follows: (a) Webster avenue line, (b) 8th avenue and 162d street connection, (c) Queensboro Bridge line, (d) West Farms subway connection, in the Boroughs of Manhattan, The Bronx and Queens.

2. Proposed certificate to be issued to New York Municipal Railway Corporation to lay, maintain and operate certain additional tracks on its (a) Broadway elevated line, (b) Fulton street elevated line, (c) Myrtle avenue elevated line, in the Borough of Brooklyn.

3. Proposed certificate to be issued to New York Municipal Railway Corporation to construct, maintain and operate certain elevated railroad extensions known as (a) Jamaica line, (b) Liberty avenue line, in the Boroughs of Brooklyn and Queens.

4. Proposed form of contract to be entered into with New York Municipal Railway Corporation for the construction, maintenance, equipment and operation of additional rapid transit railroads, divided into several lines, to be known, respectively, as (a) Broadway-Fourth avenue line, (b) Culver line, (c) Fourteenth-Eastern line, and future extensions in the several boroughs of the City.

5. Proposed form of contract to be entered into with Interborough Rapid Transit Company for the construction, maintenance, equipment and operation of additional rapid transit railroads, divided into several lines, to be known, respectively, as (a) Seventh avenue-Lexington avenue line, (b) Eastern parkway line, (c) Steinway Tunnel line, (d) White Plains road line, and future extensions in the several boroughs of the City.

6. Proposed form of supplementary agreement between the City (acting by the Public Service Commission for the First District) and Interborough Rapid Transit Company and New York Municipal Railway Corporation for joint use of tracks under the preceding contracts.

7. Proposed form of supplementary agreement between the City (acting by the Public Service Commission for the First District) and Interborough Rapid Transit Company, as lessee under the preceding subway contract and as grantee under the certificate granted for additional elevated railroad extensions, for joint use of tracks for through service.

This communication was presented to the Board at the meeting of March 6, 1913, when, by resolution duly adopted, this day was fixed as the date for consideration, and the communication and accompanying instruments referred to the Corporation Counsel for his examination and to the Committee on Pending Transit Proposals for report.

The following appeared in opposition: Henry S. Wood, Fred C. Leubuscher, L. S. Bedford, J. B. Allee and Miss C. P. Fincher.

Thomas E. Clark, on behalf of Brooklyn civic associations, appeared in favor.

Communications were received from the 10th Assembly District Republican Club and the 18th Assembly District Republican Club in favor.

No one else desiring to be heard, the Chair declared the consideration concluded. Action was then deferred until Monday, March 17, 1913, at 2 P. M.

On motion, the Board adjourned to meet Thursday, March 13, 1913, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

DEPARTMENT OF FINANCE.

Abstract of Transactions of the Department of Finance for the Week Ending January 25, 1913.

Deposited in the City Treasury.

To the credit of the City Treasury	$6,673,744 56
To the credit of the sinking funds	216,257 07
Total	$6,890,001 63

Warrants Registered for Payment.

Appropriation Accounts "A" Warrants	$3,707,081 67
Special Revenue Bond Fund Accounts "B" Warrants	82,656 03
Corporate Stock Fund Accounts "C" Warrants	1,439,998 52
Special and Trust Fund Accounts "D" Warrants	1,864,981 16
Total	$7,094,717 38

Notes and Bonds Issued.

Corporate Stock Notes	$2,100,000 00
Revenue Bonds	3,000,000 00
Special Revenue Bonds	300,000 00
Assessment Bonds	1,000 00
Total	$5,401,000 00

Bonds and Notes Redeemed.

Revenue Bonds	$50,000 00
Notes	4,400,000 00
Total	$4,450,000 00

Suits, Court Orders, Judgments, Etc.

Supreme, Queens Co.—Wilson ave., Queens; certified copy of order entered January 20, 1913, directing payment of award to Stuyvesant Real Estate Co.; Burlingham, Montgomery & Beuher, attorneys.

Supreme, Queens Co.—Wilson ave., Queens; certified copy of order; entered January 20, 1913, directing payment of award to New York Connecting R. R. Co.; Burlingham, Montgomery & Beuher, attorneys.

Supreme, Queens Co.—Wilson ave., Queens; certified copy of order entered January 20, 1913, directing payment of award to Stuyvesant Real Estate Co. and New York Connecting R. R. C.; Burlingham, Montgomery & Beuher, attorneys.

Supreme, Queens Co.—Putnam ave., Queens; certified copy of order entered January 18, 1913, directing payment of award to Fresh Pond Realty Co., Paul Stiev, Inc.; Reynolds & Geis, attorneys.

Supreme, Westchester Co.—Peekskill Ice Co., $126.85, $131.75; copies of bills of costs and transcripts of judgments; L. T. Crumb, attorney.

Supreme, New York Co.—Warner-Quinlan Asp. Co., Wm. A. Prendergast, Comptroller; copy of affidavit and order to show cause; Kellogg & Rose, attorneys.

Supreme, Queens Co.—Chauncey st., Queens; certified copy or order entered January 20, 1913, directing payment of award to Charles Doorsky and another; John R. McMullen, attorney.

Supreme, Queens Co.—Twelfth ave., Queens; certified copy of order entered January 20, 1913, directing payment of award to Matthaus Arnold and another; John R. McMullen, attorney.

Supreme, Queens Co.—Thirteenth ave., Queens; certified copy of order entered January 20, 1913, directing payment of award to Robert Sapp and another; John R. McMullen, attorney.

Supreme, Appellate Division, First Department—I. Morton Gottheim, certified copy of order entered January 10, 1913, allowing association of the bar, for expenses $514.17; Einar Chrystie, attorney.

Supreme, New York Co.—Manufacturers' National Bank of Brooklyn; copies of summonses; Hirsh & Newman, attorneys.

Supreme, New York Co.—Mechanics' Bank of Brooklyn; copies of summonses; Hirsh & Newman, attorneys.

Supreme, New York Co.—Citizens' Trust Co. of Brooklyn; copies of summonses; Hirsh & Newman, attorneys.

Supreme, New York Co.—First National Bank of Brooklyn; copies of summonses; Hirsh & Newman, attorneys.

Supreme, New York Co.—National City Bank of Brooklyn; copies of summonses; Hirsh & Newman, attorneys.

Supreme, New York Co.—John P. Butler, $46.82; transcript of judgment entered January 20, 1913; Joseph Gallagher, attorney.

Supreme, New York Co.—Annie Watterson; copy of petition and notice of motion; Robert H. Ernest, attorney.

Supreme, Westchester Co.—Catskill Aqueduct, Section 16; certified copy of order directing payment of allowance to Dwight H. Murray et al.; Benjamin Trapnell, attorney.

Supreme, Kings Co.—Louis J. Somerville vs. City of New York; copy of summons and complaint; Somerville & Somerville, attorneys.

Supreme, Kings Co.—Martha W. Murphy vs. City of New York; notice of execution; Martin T. Manton, attorney.

Supreme, New York Co.—Unnamed st., Manhattan; certified copy or order directing payment of costs to Florence Healy; Frank H. Cothren, attorney.

Supreme, Appellate Division—Unnamed st., Manhattan; certified copy of order affirming order appealed from; Frank H. Cothren, attorney.

Supreme, New York Co.—West Farms road, The Bronx; certified copy or order entered January 21, 1913, directing payment of award to George Herold; Timothy Power, attorney.

Supreme, Queens Co.—Luyster st., Queens; certified copy of order entered January 24, 1912, directing payment of award to Royalton Realty Co.; John A. Leach, attorney.

Supreme, Kings Co.—Bernard Berges vs. City of New York; copy of summons and complaint; H. A. Vien, attorney.

Supreme, New York Co.—John McCourt, infant, $535.48; transcript of judgment and notice of execution; Louis Steckler, attorney.

Supreme, New York Co.—New York Mutual Gas Light Co., $114.09; transcript of judgment; Zaboirkie, Murray, Sage & Kerr, attorneys.

Supreme, New York Co.—Nettie J. Cauldwell, executrix, vs. Wm. A. Prendergast. Comptroller; copy of affidavit and notice of motion; John M. Harrington, attorney.

Supreme, New York Co.—People State of New York vs. Arthur Bruxton, principal, and John J. Bradley, surety; certified copy of order directing refund of $500 to John J. Bradley; Hilly & Geoghan, attorneys.

Supreme, New York Co.—Glebe ave., The Bronx; certified copy of order entered January 17, 1913, directing payment of award to Margaret Berger; Edward Miehling, attorney.

Supreme, Westchester Co.—Catskill Aqueduct, Section 16; certified copy of order directing payment of expenses to Berthold Tansk and another; T. E. Larson, attorney.

Supreme, New York Co.—Isabella Hallion vs. City of New York; copy of summons and complaint; Harry Miller, attorney.

Municipal, Manhattan, Seventh District—Alter Witchel vs. Louis Koenig et al; copy of summons and complaint; R. S. Lind, attorney.

Supreme, New York Co.—Arthur Frankenstein, $270.72; Julia Frankenstein, $433.22; transcripts of judgments; John M. Ward, attorney.

Supreme, Kings Co.—Conselyea st., Brooklyn; notice of motion to confirm report; A. R. Watson, attorney.

Supreme, Kings Co.—East 95th st., Brooklyn; certified copy of order (2) entered December 4, 1912, directing payment of award to Heinrich Matthias Butecke; Reynolds & Geis, attorneys.

United States District, Southern District of New York—Locke & Smith Co., bankrupt; notice meeting of creditors.

Claims Filed.

Jan. 20, 1913—Frederick Lundy, $8,608.52; amending claim previously filed as to amount.

January 20, 1913—John Bambauer, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

January 20, 1913—Edward C. Ling, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

January 20, 1913—Frederick H. Otto, $16.67; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

January 20, 1913—Cornelius F. Rooks, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

January 20, 1913—Martin T. Robinson, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

January 20, 1913—Charles E. Schmidt, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

January 20, 1913—William Lienhard, $350; loss of horse through injuries sustained November 14, 1912, due to the dangerous condition of Overing st., 150 feet northwest of Westchester ave., The Bronx; James H. Goggin, attorney.

Jan. 20, 1913—Tillie Cohen, $500; personal injuries sustained December 16, 1912, due to the dangerous condition of the sidewalk in front of No. 297 South 5th st., Brooklyn; A. L. Lazarus, attorney.

Jan. 20, 1913—Joseph F. Reichert, personal injuries sustained July 22, 1912, by falling into an excavation at No. 965 E. 172d st., The Bronx; W. J. McKeown, attorney.

Jan. 20, 1913—Elizabeth Patterson, $20,000; personal injuries sustained August 16, 1912, by being run down by a City automobile at Flatbush and St. Marks aves., Brooklyn; Abel Crook, attorney.

Jan. 20, 1913—Paul Sarkay, $5,000; loss of services of and medical attendance for his infant son, Frank, injured March 29, 1912, by a Department of Street Cleaning cart; B. A. Hartstein, attorney.

Jan. 20, 1913—Jacob Beitcher, $500; loss of services of and medical attendance for his infant son, Max, injured August 27, 1912, by a Department of Street Cleaning cart; B. A. Hartstein, attorney.

Jan. 21, 1913—Francesco Spingola, $550; personal injuries sustained December 6, 1912, by falling into an open space on 68th st., between 12th and 13th aves., Brooklyn; M. C. D. Agrosa, attorney.

Jan. 21, 1913—Isabella Hope, $5,000; personal injuries sustained October 2, 1912, by tripping over a cover over a cellar area at the southwest corner of Willoughby and Franklin aves., Brooklyn; J. W. Bryant, attorney.

Jan. 21, 1913—Bertie Gottlieb, $500; damages to property No. 383 Van Brunt st., Brooklyn, by sewer overflow January 6 to 12, 1913; Mitchell May, attorney.

Jan. 21, 1913—Harry J. Rogers; back pay due, Fireman, Fire Department, during probationary appointment.

Jan. 22, 1913—Ferdinand A. Beyer, $16.67; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—James J. Doyle, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Henry Hock, $16.67; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Michael Lynch, $16.67; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Marion McGibney, $16.67; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Frank M. McNally, $16.67; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Timothy J. Mahoney, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Frank S. Oenhousen, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—John F. Gilligan, $50; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Joseph L. Sheridan, $51; back pay due, Fireman, Fire Department, during probationary appointment; Alfred J. Talley, attorney.

Jan. 22, 1913—Richard Lancer; prevailing rate of wages, Pipefitter, Dept. Water Supply, Gas and Electricity, March 18, 1909, to December 22, 1909.

Jan. 22, 1913—Robert Lumsden; compromise of judgment against him in favor of the City for costs in an action tried in October, 1910; Martin T. Manton, attorney.

Jan. 22, 1913—William Horne Co., $612.10; amount of five bills for labor and material furnished the Armory Board, Department of Correction and Department of Water Supply, Gas and Electricity, 1909-1910.

Jan. 22, 1913—William R. Ehler and another, $10,000; damages to Lot 5, map of Classon's Point, by the closing of Old Classon's Point rd. and Watson lane, The Bronx; Whalen & Dunn, attorneys.

Jan. 22, 1913—Skidmore Langdon, $5,000; personal injuries sustained January 2, 1913, by being thrown from his wagon, due to an excavation in Flushing ave. near Hall st., Brooklyn; Martin T. Manton, attorney.

Jan. 22, 1913—Henry Booth Campbell, infant, by his guardian, Myrtle B. Campbell, $2,000; personal injuries sustained December 2, 1912, by stepping on a nail in the bathing tank at the 60th st. Public Bath, Manhattan; Louis Steckler, attorney.

Jan. 23, 1913—Bernard H. Betz, $401.30; award for damage parcel No. 275, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Layrence E. French, attorney.

Jan. 23, 1913—Canebrake Realty Co., $150; award for damage parcel No. 318, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—Canebrake Realty Co., $1,176.01; award for damage parcel Nos. 359 to 363, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—Canebrake Realty Co., $150; award for damage parcel No. 326, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—Fred'k Ashton de Peyster and others; award for damage various parcels in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—Filomena Cipolla, $23,779.10; award for damage parcel Nos. 105 and 108, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—Adam Ensminger, $652; award for damage parcel No. 144, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—General Baking Co., $23,841.31; award for damage parcel Nos. 72, 72A, 71, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—Fred'k H. Hespe, $2,862.50; award for damage parcel No. 177, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—Isaac N. Hebberd, $514.80; award for damage parcel No. 95, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $124.05; award for damage parcel No. 296, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $43; award for damage parcel No. 301, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $43; award for damage parcel No. 302, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $86.02; award for damage parcel No. 307, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $86.02; award for damage parcel No. 308, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $361.30; award for damage parcel No. 309, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $150; award for damage parcel No. 327, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

Jan. 23, 1913—William D. Miller, $100; award for damage parcel No. 317, in the matter of opening and extending Bronx Boulevard, from Old Boston Post Road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—William D. Miller, $137.50; award for damage parcel No. 333, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—William D. Miller, $180; award for damage parcel No. 356, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—J. Marcus Woodworking Co., $23,378.04; award for damage parcel No. 98, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—J. Marcus Woodworking Co., $3,080.27; award for damage parcel No. 99, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—J. Marcus Woodworking Co., $2,751.80; award for damage parcel No. 100, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Anna A. Owen & ano., $892.51; award for damage parcel No. 139, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Wm. W. Penfield, $211.92; award for damage parcel No. 267, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Wm. W. Penfield, $91.10; award for damage parcel No. 268, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Wm. W. Penfield, $86.02; award for damage parcel No. 269, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Wm. W. Penfield, $86.02; award for damage parcel No. 270, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Wm. W. Penfield, $86.02; award for damage parcel No. 271, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Wm. W. Penfield, $86.02; award for damage parcel No. 272, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—James K. Sealey, $940.20; award for damage parcel No. 199, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Mathew Smith, $2,400; award for damage parcel No. 24, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Lina Schrader & ano., $4,256.65; award for damage parcel No. 163, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—William Taylor, $6,720; award for damage parcel No. 30, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—Carrie R. Whitaker, $3,900; award for damage parcel No. 40, in the matter of opening and extending Bronx boulevard, from Old Boston Post road to E. 242d st., The Bronx; Lawrence E. French, attorney.

January 23, 1913—R. Corpolongo; damages to wagon and injuries to horse December 16, 1912, by a Department of Street Cleaning cart.

January 23, 1913—Otto F. Dohrman; damages to pushcart December 21, 1912, by a Department of Street Cleaning cart in front of No. 711 Columbus ave., Manhattan.

January 23, 1913—Hyman Streicher; personal injuries sustained January 11, 1913, by his son, Felix, by a closet falling on him in the grounds of Public School on Manhattan st.; Isadore Apfel, attorney.

January 24, 1913—John J. Edmead, $250; damages to premises No. 393 Gates ave., Brooklyn, by the falling of a decayed tree January 3, 1913; Samuel F. Edmead, attorney.

January 24, 1913—Friedericke De Benckelaere, $34.60; damages to wagon and contents December 24, 1912, by going into a deep hole on Stryker ave. at 3d st., Woodside, Queens; Wm. G. Johnson, attorney.

January 24, 1913—Jennie Adee, individually and as administratrix, etc.; damages to Lot 59, on Map of Thwaite's estate, The Bronx, by the closing of former White Plains road; F. W. Hottenroth, attorney.

January 24, 1913—Jennie Adee; award for damage parcel No. 39, 39A, 40C, 41B, in re Holland ave., from Williamsbridge road to South Oak drive, The Bronx; F. W. Hottenroth, attorney.

January 24, 1913—Jennie Adee; award for damage parcel No. 3J, 3K, in re Cruger ave., from Williamsbridge road to South Oak drive, The Bronx; F. W. Hottenroth, attorney.

January 24, 1913—Frances Taylor; award for damage parcel No. 3H, in re Cruger ave., from Williamsbridge road to South Oak drive, The Bronx; F. W. Hottenroth, attorney.

January 24, 1913—William Taylor; award for damage parcel No. 4A, in re Cruger ave., from Williamsbridge road to South Oak drive, The Bronx; F. W. Hottenroth, attorney.

January 24, 1913—Rosa Amelio; award for damage parcel No. 89, in re Maple st., from Gun Hill road to E. 215th st., The Bronx; F. W. Hottenroth, attorney.

January 24, 1913—Maria Parrotta; award for damage parcel No. 88, in re Maple st., from Gun Hill road to E. 215th st., The Bronx; F. W. Hottenroth, attorney.

January 24, 1913—Walter F. Holland, $51; back pay due Fireman, Fire Department, during probationary appointment.

January 24, 1913—Searle & Nicholson, $928.98; expert accountant services rendered District Attorney, Richmond, on the books of the Quarantine Station at Rosebank, Staten Island, on orders of the Governor of the State of New York.

January 24, 1913—R. Taibbi, $5; services rendered in a concert at Abingdon Square Park July 4, 1912.

January 25, 1913—Estate of Patrick Skelly; refund of fees in survey proceedings on an alleged unsafe building in a private yard at 645 E. 15th st.

January 25, 1913—Wells & Newton Co., $972; electrical materials furnished and labor performed in the Municipal Building at 177th st. and 3d ave., The Bronx.

Approval of Sureties.

The Comptroller approved of the adequacy and sufficiency of the sureties on the following proposals, viz.:

January 20, 1913—President, Borough of Manhattan; for heating system, court house, 151 E. 57th st., New York; Chas. Williams Co., 156 5th ave., New York, principal; National Surety Co., surety.

January 20, 1913—Department of Health; for repairs to steamboat "Franklin Edson;" James Shewan & Son, foot of E. 16th st., New York, principal; U. S. Fidelity & Guaranty Co., surety.

January 21, 1913—Department of Public Charities; for electric lighting system on Blackwells Island; T. Frederick Jackson, Inc., 94 John st., principal; International Fidelity Insurance Co., surety.

January 21, 1913—Department of Water Supply, Gas and Electricity; for coal; John W. Peale, 70 E. 45th st., principal; Casualty Co. of America, surety.

January 20, 1913—Department of Public Charities; for cheese; J. D. Stout & Co., 19 Jay st., New York, principal; Casualty Co. of America, surety.

January 20, 1913—Department of Public Charities; for laundry supplies; Jas. A. Miller, 476 10th ave., New York, principal; The Title Guaranty & Surety Co., surety.

January 20, 1913—Department of Public Charities; for tea; Bleecker & Simons, 236 Greenwich st., New York, principal; The Aetna Accident & Liability Co., surety.

January 20, 1913—Department of Public Charities; for groceries, etc.; Armour & Co., 52 10th ave., New York., principal; The Title Guaranty & Surety Co., surety.

January 20, 1913—Department of Public Charities; for cocoa; "Powells," principal; Casualty Co. of America, surety.

January 20, 1913—Department of Public Charities; for flour; J. F. Gylsen, 604 W. 37th st., New York, principal; Casualty Co. of America, surety.

January 20, 1913—Department of Public Charities; for groceries; Lewis DeGroff & Son, 386 Washington st., New York, principal; Casualty Co. of America, surety.

January 20, 1913—Department of Public Charities; for soap; The Holbrook Mfg. Co., Coles and 18th sts., Jersey City, principal; The United States Fidelity & Guaranty Co., surety.

January 20, 1913—Department of Public Charities; for groceries; Burton & Davis Co., 200 Franklin st., New York, principal; Casualty Co. of America, surety.

January 20, 1913—President, Borough of Brooklyn; for sewer in 9th ave.; Frank Merendino, Inc., 556-A 17th st., New York, principal; American Bonding Co. of Baltimore, surety.

January 20, 1913—Department of Water Supply, Gas and Electricity; for cast iron pipe, etc.; Florence Iron Works, Florence, N. J., principal; The U. S. Fidelity & Guaranty Co., surety.

January 20, 1913—President, Borough of Brooklyn; for sewer basin in Union pl.; Jas. I. Newman, 243 Euclid ave., Brooklyn; principal; National Surety Co., surety.

January 20, 1913—Department of Parks; for coal; Bacon Coal Co., Reid and DeKalb aves., Brooklyn, principal; American Surety Co. of New York, surety.

January 20, 1913—Fire Department; for forage; Gasteiger & Schaefer, 25 Johnson ave., Brooklyn, principal; The Aetna Accident & Liability Co., surety.

January 20, 1913—Department of Correction; for coffee, etc.; Chas. S. Pray, 80 Front st., New York, principal; National Surety Co., surety.

January 20, 1913—Department of Correction; for cloves, etc.; J. F. Gylsen, 604 W. 37th st., principal; Casualty Co. of America, surety.

January 21, 1913—Department of Public Charities; for fruits, etc.; Robert P. Lawless, 834 Washington st., New York, principal; Casualty Co. of America, surety.

January 21, 1913—Department of Water Supply, Gas & Electricity; for coal; Geo. D. Harris & Co., 1 Broadway, principal; Casualty Company of America, surety.

January 21, 1913—Bellevue and Allied Hospitals; for food products; John Bellman, 61 Hudson st., principal; United States Guarantee Co., surety.

January 21, 1913—Department of Parks; for repairs, etc., Litchfield Mansion, Prospect Park; D. Clinton Mackey, 5 Nassau st., New York, principal; Illinois Surety Company, surety.

January 21, 1913—Police Department; for coal, The Bronx; S. Trimmer & Sons, Inc., 138th st. and Harlem River, New York, principal; Fidelity and Deposit Co. of Maryland, surety.

January 21, 1913—Department of Public Charities; for laundry supplies; National Chemical Co., Syracuse, N. Y., principal; American Surety Co., surety.

January 21, 1913—Department of Public Charities; for laundry supplies; John Bellman, 61 Hudson st., New York, principal; United States Guarantee Co., surety.

January 22, 1913—Department of Education; for supplies; Wadsworth, Howland & Co., Inc., Boston, Mass., principal; American Bonding Co., surety.

January 22, 1913—Department of Education; for supplies; Rauh Cutlery Co., 896 3d ave., principal; American Bonding Co., surety.

January 22, 1913; Department of Education; for supplies; Standard Supply Co., 158 W. Broadway, principal; American Bonding Co., surety.

January 22, 1913—Department of Education; for supplies; Pitman & Co., 244 Water st., principal; Massachusetts Bonding & Insurance Co., surety.

January 22, 1913—Department of Education; for supplies; Domestic Mill Paper Co., 41 Park row, principal; National Surety Co., surety.

January 22, 1913—Department of Education; for supplies; Koller & Smith, Inc., 112 Worth st., principal; National Surety Co., surety.

January 22, 1913—Department of Education; for supplies; H. Popper & Sons, 102 Fulton st., principal; National Surety Co., surety.

January 22, 1913—Department of Education; for supplies; M. J. Tobin, 318 Broadway, principal; Massachusetts Bonding & Insurance Co., surety.

January 22, 1913—Department of Education; for supplies; Parker P. Simmons, 3 E. 14th st., principal; Massachusetts Bonding & Insurance Co., surety.

January 22, 1913—Department of Education; for supplies; Schwagerl Bros., 318 Broadway, principal; Massachusetts Bonding & Insurance Co., surety.

January 22, 1913—Department of Education; for supplies; Barnett & Brown, 162 Pearl st., principal; Massachusetts Bonding & Insurance Co., surety.

January 22, 1913—Department of Education; for supplies; The Standard Crayon Manufacturing Company, Damers, Mass., principal; Casualty Company of America, surety.

January 22, 1913—Department of Education; for supplies; Dieges & Clust, Inc., 20 John st., principal; Casualty Company of America, surety.

January 22, 1913—Department of Education; for supplies; Peter Henderson & Co., 35 Cortlandt st., principal; Casualty Company of America, surety.

January 22, 1913—Department of Education; for supplies; J. W. Buckley Rubber Co., 69 Warren st., principal; Casualty Company of America, surety.

January 22, 1913—Department of Education; for supplies; J. L. Hammett Co., 116 W. 14th st., principal; American Surety Co., surety.

January 22, 1913—Department of Education; for supplies; American Flag Co., 45 Elizabeth st., principal; American Surety Co., surety.

January 22, 1913—Department of Education; for supplies; Standard Oil Co., 555 W. 25th st., principal; American Surety Co., surety.

January 22, 1913—Department of Education; for supplies; O. M. Dawson, 315 4th st., principal; Casualty Co. of America, surety.

January 22, 1913—Department of Education; for supplies; Kelesch & Co., 138 Fulton st., principal; American Bonding Co. of Baltimore, surety.

January 22, 1913—Department of Education; for supplies; Allers Bros., 67 Park pl.; principal; Equitable Surety Co., surety.

January 22, 1913—Department of Education; for supplies; A. S. Landsburg, 29 Beekman st., principal; American Surety Co., surety.

January 22, 1913—Department of Education; for supplies; Dana Dodd, Minneapolis, Minn., principal; American Surety Co., surety.

January 22, 1913—President, Borough of Manhattan; for wood; Clark & Wilkins, 34th st. and 11th ave., principal; Casualty Co. of America, surety.

January 22, 1913—President, Borough of Manhattan; for erection and equipment of an asphalt plant, 90th-91st sts. and Ave. A, East River; North Eastern Const. Co., 225 5th ave., New York, principal; Illinois Surety Co., surety.

January 22, 1913—Department of Health; for milk; Sheffield-Farms-Slawson Co., 524 W. 57th st., principal; U. S. Fidelity & Guaranty Co., surety.

January 22, 1913—Department of Health; for fish; Brosseau & Son, 210 Washington st., principal; Equitable Surety Co., surety.

January 22, 1913—Department of Health; for milk; Borden's Condensed Milk Co., 108 Hudson st., principal; The Aetna Accident & Liability Co., surety.

January 22, 1913—Department of Education; for stationery, etc.; J. W. Pratt & Co., 52 Duane st., New York, principal; National Surety Co., surety.

January 22, 1913—Department of Education; for stationery, etc.; C. S. Nathan, 9 Franklin st., principal; The Title Guaranty & Surety Co., surety.

January 22, 1913—Department of Education; for stationery, etc.; Paul Baron, 176 Park Row, principal; Mass. Bonding & Insurance Co., surety.

January 22, 1913—Department of Education; for stationery, etc.; J. J. Little & Ives Co., 435 E. 24th st., principal; American Surety Co. of N. Y., surety.

January 22, 1913—Department of Education; for stationery, etc.; H. C. Hallenbeck, 497 Pearl st., principal; American Surety Co. of N. Y., surety.

January 22, 1913—Department of Education; for stationery, etc.; Chas. J. O'Brien, 227 William st., principal; National Surety Co., surety.

January 22, 1913—Department of Education; for stationery, etc.; M. B. Brown P. & B. Co., 53 Park pl., principal; Globe Indemnity Co., surety.

January 22, 1913—Department of Education; for stationery, etc.; Koller & Smith, 112 North st., principal; National Surety Co., surety.

January 22, 1913—Department of Education; for stationery etc.; Wm. Bratter & Co., 2 Duane st., principal; U. S. Fidelity & Guaranty Co., surety.

January 22, 1913—Department of Education; for stationery, etc.; M. J. Tobin, 312 Broadway, New York, principal; Mass. Bonding & Ins. Co., surety.

January 22, 1913—Fire Department; for forage; H. Ingersoll Co., 640 W. 34th st., principal; U. S. Guarantee Co., surety.

January 23, 1913—Department of Education; for special and general supplies; Kalt Lumber Co., 312 E. 64th st., principal; American Surety Co. of New York, surety.

January 23, 1913—Department of Education; for special and general supplies; High Grade Oil Refining Co., principal; New England Casualty Co., surety.

January 23, 1913—Department of Education; for special and general supplies; Binney & Smith Co., 81 Fulton st., principal; American Bonding Co. of Baltimore, surety.

January 23, 1913—Department of Education; for special and general supplies; R. Best, 61 Duane st., principal; American Surety Co. of New York, surety.

January 23, 1913—Department of Education; for supplies; A. P. W. Paper Co., 80 Hudson st., principal; American Surety Co. of New York, surety.

January 23, 1913—Department of Education; for supplies; Moller & Schuman Co., Marcy and Flushing aves., Brooklyn, principal; American Surety Co. of New York, surety.

January 23, 1913—Department of Education; for supplies; The Anchor P. Co., 6 Church st., principal; Casualty Co. of America, surety.

January 23, 1913—Department of Education; for supplies; I. Gilman & Co., 88 Hudson st., principal; Casualty Co. of America, surety.

January 23, 1913—Department of Education; for supplies; Seabury & Johnson, 59 Maiden lane, N. Y., principal; U. S. Guarantee Co., surety.

January 23, 1913—Department of Education; for supplies; Atlantic Coast Sand Co., Inc., 1 Broadway, N. Y., principal; Globe Indemnity Co., surety.

January 23, 1913—Department of Educatiion; for supplies; Blaisdell Paper Pencil Co., Wayne Junction, Philadelphia, Pa., principal; Casualty Co. of America, surety.

January 23, 1912—Department of Education; for supplies; The Globe Ink & Mucilage Co., 312 E. 3d st., principal; National Surety Co., surety.

January 23, 1913—Department of Education; for supplies; Arkay Rubber Co., 111 Chambers st., principal; Equitable Surety Co., surety.

January 23, 1913—Department of Education; for supplies; Library Bureau, 316 Broadway, N. Y., principal; The Title Guaranty & Surety Co., surety.

January 23, 1913—Department of Education; for supplies; Jos. Solomon, Norman and Kingsland ave., principal; Fidelity & Deposit Co. of Maryland, surety.

January 23, 1913—Department of Education; for supplies; E. Taber, 37 Greenpoint ave., Brooklyn, principal; Fidelity & Deposit Co. of Maryland, surety.

January 23, 1913—Department of Education; for supplies; Farbenfabricken of Eberfield Co., 117 Hudson st., principal; Fidelity & Casualty Co. of New York, surety.

January 23, 1913—Department of Education; for supplies; P. J. Foster, 212 15th st., principal; Massachusetts Bonding & Ins. Co., surety.

January 23, 1913—Department of Education; for supplies; Hopper Paper Co., 200 5th ave., principal; Massachusetts Bonding & Ins. Co., surety.

January 23, 1913—Department of Education; for supplies; L. F. Smith, Holyoke, Mass., principal; American Surety Co. of New York, surety.

January 23, 1913—Department of Education; for supplies; G. W. Miller & Co., 284 Lafayette st., principal; Casualty Co. of America, surety.

January 23, 1913—Department of Education; for supplies; Eagle Pencil Co., 377 Broadway, N. Y., principal; The Fidelity & Casualty Co. of New York, surety.

January 23, 1913—Department of Education; for supplies; Guttenberg Printing Co., 152 E. 125th st., principal; National Surety Co., surety.

January 23, 1913—Department of Bellevue and Allied Hospitals; for food products; Burton & Davis Co., 198 Franklin st., principal; Casualty Co. of America, surety.

January 23, 1913—Department of Public Charities; for horses; Fiss, Doerr & Carroll Horse Co., 155 E. 24th st., New York, principal; the United States Fidelity & Guaranty Co., surety.

January 23, 1913—Department of Water Supply, Gas and Electricity; for coal; Hugh J. Conley, principal; National Surety Co., surety.

January 23, 1913—Department of Water Supply, Gas and Electricity; for chloride of lime; Manhattan Supply Co., 115 Franklin st., principal; New England Casualty Co., Surety.

January 23, 1913—Department of Health; for eggs; Conron Bros. Co., 10th ave. and 13th st., principal; International Fidelity Insurance Co., surety.

January 23, 1913—President, Borough of Queens; for sewer, etc., in 9th ave; Evergreen Construction Co., 244 Jackson ave., Long Island City, principal; Globe Indemnity Co., surety.

January 23, 1913—President, Borough of Queens; for sewers, etc., in Sherman st.; Evergreen Construction Co., 244 Jackson ave., Long Island City, principal; Globe Indemity Co., surety.

January 23, 1913—President, Borough of Queens; for drains, etc., Camelia st., etc.; Evergreen Construction Co., 244 Jackson ave., Long Island City, principal; Globe Indemnity Co., surety.

January 23, 1913—President, Borough of Brooklyn; for sewer in Bush st.; Murphy Bros., 25th st. and Cropsey ave., principal; American Surety Co. of New York, surety.

January 23, 1913—Police Department; for coal; Bacon Coal Co., Reid and DeKalb aves., principal; American Surety Co. of New York, surety.

January 23, 1913—President, Borough of Queens; for drains in East ave., etc.; Evergreen Construction Co., 244 Jackson ave., Long Island City, principal; Globe Indemnity Co., surety.

January 23, 1913—Bellevue and Allied Hospitals; for fittings; F. N. DuBois Co., 245 9th ave., principal; American Bonding Co. of Baltimore, surety.

January 24, 1913—Fire Department; for forage; Wm. Gleischmann & Co., 244 Howard ave., principal; United States Fidelity & Guaranty Co., surety.

January 24, 1913—Fire Department; for horse shoeing supplies, Class "B;" Vought & Williams, 363 Greenwich st., principal; American Surety Co. of New York, surety.

January 24, 1913—Department of Bridges; for coal; J. F. Schmadeke, 497 Union st., principal; Massachusetts Bonding & Insurance Co., surety.

January 24, 1913—Department of Health; for meats, etc.; Conron Bros. Co., 10th ave. and 13th st., principal; International Fidelity Insurance Co., surety.

January 24, 1913—Department of Health; for meats, etc.; A. Buchsbaum Co., 165 Amsterdam ave., principal; National Surety Co., surety.

January 24, 1913—Department of Health; for bread; Shults Bread Co., principal; American Surety Co., surety.

January 24, 1913—Department of Health; for stock fruits; Brooklyn Steamship & Hotel Supply Co., 40 Wallabout, principal; National Surety Co., surety.

January 24, 1913—Department of Street Cleaning; for draft horses; Fiss, Doerr & Carroll Horse Co., 155 W. 24th st., principal; The United States Fidelity & Guaranty Co., The Title Guaranty & Surety Co., sureties.

January 24, 1913—Department of Street Cleaning; for forage; F. J. Lennon Co., 143 E. 31st st., principal; Casualty Co. of America, surety.

January 24, 1913—Department of Health; for meats, etc.; Sulzberger & Sons Co. of America, 47th st. and 1st ave., principal; National Surety Co., surety.

January 24, 1913—Department of Health; for butter and eggs; Henneberger & Herold, 329 Greenwich st., principal; Casualty Co. of America, surety.

January 24, 1913—Department of Health; for butter, etc.; Armour & Co., 52 10th ave., principal; The Guarantee Co. of North America, surety.

January 24, 1913—Department of Health; for mineral works; John Morgan, Inc., 343 W. 39th st., principal; National Surety Co., surety.

January 24, 1913—Department of Street Cleaning; for fuel; Meyer-Denker-Simson Co., 910 E. 5th st., principal; Casualty Company of America, surety.

January 24, 1913—Department of Street Cleaning; for pipe horse collars; J. Newton Van Nan Co., 120 Chambers st., principal; National Surety Co., surety.

January 24, 1913—President, Borough of Brooklyn; for paving, etc., 67th st., etc.; Brooklyn Alcatraz Asphalt Co., 407 Hamilton ave., Brooklyn, principal; The Title Guaranty & Surety Co., The United States Fidelity & Guaranty Co., sureties.

January 24, 1913—President, Borough of Brooklyn; grading Union st., etc.; Brooklyn Alcatraz Asphalt Co., 407 Hamilton ave., Brooklyn, principal; The Title Guaranty & Surety Co., The United States Fidelity & Guaranty Co., sureties.

January 24, 1913—President, Borough of Brooklyn; for paving 71st st., etc.; Brooklyn Alcatraz Asphalt Co., 407 Hamilton ave., Brooklyn, principal; The Title Guaranty & Surety Company, The United States Fidelity & Guaranty Co., sureties.

January 24, 1913—President, Borough of Brooklyn; paving W. 28th st.; Boro Asphalt Co., 1301 Metropolitan ave., principal; The Title Guaranty & Surety Co., The United States Fidelity & Guaranty Co., sureties.

January 24, 1913—President, Borough of Brooklyn; for paving, etc., 32d st., etc.; Boro Asphalt Co., 1301 Metropolitan ave., Brooklyn, principal; The Title Guaranty & Surety Co., The United States Fidelity & Guaranty Co., sureties.

January 24, 1913—President, Borough of Brooklyn; for paving, etc., E. 8th st.; Boro Asphalt Co., 1301 Metropolitan ave., Brooklyn, principal; The Title Guaranty & Surety Co., The United States Fidelity & Guaranty Co., sureties.

January 24, 1913—President, Borough of Brooklyn; for paving, etc., E. 7th st.; Borough Asphalt Co., 1301 Metropolitan ave., Brooklyn, principal; The Title Guaranty & Surety Co., and U. S. Fidelity & Guaranty Co., sureties.

January 24, 1913—President, Borough of Brooklyn; for grading, etc., 73d st.; M. J. O'Hara, 557 3d ave., Brooklyn, principal; American Bonding Co. of Baltimore, surety.

January 24, 1913—President, Borough of Brooklyn; for paving, etc., Whitwell place; Uvalde Cont. Co., 1 Broadway, New York, principal; New England Casualty Co. and National Surety Co., sureties.

January 24, 1913—President, Borough of Brooklyn; for paving, etc., E. 28th st.; Cranford Co., 190 Montague st., Brooklyn, principal; American Surety Co. of New York and National Surety Co., sureties.

January 24, 1913—President, Borough of Brooklyn; for regulating, etc., 67th st., etc.; McAuliffe & Crowley, 634 Marcy ave., Brooklyn, principal; United States Fidelity & Guaranty Co., surety.

January 24, 1913—Police Department; for forage; Gasteiger & Schaefer, 25 Johnson ave., Brooklyn, principal; The Aetna Accident & Liability Co., surety.

January 24, 1913—Police Department; for forage; Chas. Schaefer, Jr., 304 Meserole st., Brooklyn, principal; The Aetna Accident & Liability Co., surety.

January 24, 1913—President, Borough of The Bronx; for electrical work, Bronx Court House; T. Frederick Jackson, Inc., 94 John st., New York, principal; International Fidelity Insurance Co., surety.

January 24, 1913—Department of Correction; for raw milk; Beakes' Dairy Co., 206 E. 12th st., New York, principal; Casualty Co. of America, surety.

January 24, 1913—Department of Correction; for condensed milk; Borden's Condensed Milk Co., 108 Hudson st., New York, principal; The Aetna Accident & Liability Co., surety.

January 24, 1913—Department of Correction; for jelly; Lewis De Groff & Son, 386 Washington st., New York, principal; Casualty Co. of America, surety.

January 24, 1913—Department of Correction; for fruits, etc.; Robt. P. Lawless, 833 Washington st., New York, principal; Casualty Co. of America, surety.

January 24, 1913—Department of Correction; for fish; Edward West, 490 2d ave., New York, principal; Casualty Co. of America, surety.

January 24, 1913—President, Borough of Queens; for photo-lithographic copies, map sections, etc.; Robt. A. Welcke, 178 Williams st., New York, principal; American Surety Co. of New York, surety.

January 24, 1913—Department of Public Charities; for provisions and laundry supplies; Sulzberger & Sons Co., 45th st. and 1st ave., principal; National Surety Co., surety.

January 25, 1913—President, Borough of Brooklyn; for paving, etc., Senator st.; Brooklyn Alcatraz Asphalt Co., 407 Hamilton ave., Brooklyn, principal; The Title Guaranty & Surety Company, surety.

January 25, 1913—President, Borough of Brooklyn; for paving, etc., 48th st., etc.; United States Wood Preserving Co., 165 Broadway, New York, principal; The Title Guaranty & Surety Company, surety.

January 25, 1913—Department of Charities; for coffee; John Bellman, 61 Hudson st., New York, principal; The United States Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for special and general supplies; Theo. P. Huffman, 648 W. 34th st., principal; Casualty Co. of America, surety.

January 25, 1913—Department of Education; for text books, etc.; Baker & Taylor Co., 33 E. 17th st., principal; U. S. Guarantee Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Jas. T. White & Co., 31 E. 32nd st., principal; Fidelity & Casualty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; John Lane Co., 116 W. 32nd st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; B. F. Johnson Pub. Co., Richmond, Va., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; H. W. Gray Co., 21 E. 17th st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; C. H. Congdon, Chicago, Ill., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Frank D. Beaty & Co., 395 Lafayette st., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; World Book Co., Yonkers, New York; principal; National Surety Co., surety.

January 25, 1913—Department of Education; for text books, etc.; J. L. Hammett Co., 116 W. 14th st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; The Century Co., 33 E. 17th st., principal; Casualty Co. of America, surety.

January 25, 1913—Department of Education; for text books, etc.; Row, Peterson & Co., Chicago, Ill., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; Wm. R. Jenkins Co., 123 William st., principal; Casualty Co. of America, surety.

January 25, 1913—Department of Education; for text books, etc.; J. B. Lippincott Co., principal; Fidelity & Deposit Co. of Md., Philadelphia, Pa., surety.

January 25, 1913—Department of Education; for text books, etc.; Solver, Burdette & Co., 231 W. 39th st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; Atkinson, Mentzer & Co., 30 West 36th st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; Isaac Pitman & Sons, 2 W. 45th st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; A. S. Barnes Co., 381 4th ave., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; Sibley & Co., Boston, Mass., principal; National Surety Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Houghton, Mifflin & Co., 16 E. 40th st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; G. P. Putnam's Sons, 2 W. 45th st., principal; U. S. Guarantee Co., sureties.

January 25, 1913—Department of Education; for text books, etc.; Chas. E. Merrill Co., 44 E. 23rd st., principal; Casualty Co. of America, surety.

January 25, 1913—Department of Education; for text books, etc.; Scott, Freeman & Co., 37 E. 28th st., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Thompson-Brown Co., 1 Madison ave., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education, for text books, etc.; Henry Holt & Co., 34 W. 33rd st., principal; Casualty Co. of America, surety.

January 25, 1913—Department of Education; for text books, etc.; D. C. Heath & Co., 231 W. 39th st., principal; Casualty Co. of America, surety.

January 25, 1913—Department of Education; for text books, etc.; Longman's, Green & Co., 4th ave. and 30th st., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Longman's, Green & Co., 4th ave. and 30th st., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Longman's, Green & Co., 4th ave. and 30th st., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Benj. H. Sanborn Co., 24 W. 39th st., principal; American Surety Co. of N. Y., surety.

January 25, 1913—Department of Education; for text books, etc.; Allyn & Bacon, 36 W. 37th st., principal; National Surety Co., surety.

January 25, 1913—Department of Education; for text books, etc.; American Book Co., 100 Washington sq., principal; American Surety Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Chas. Scribner's Sons, 153 5th ave., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; D. Appleton & Co., 35 W. 32d st., principal; U. S. Fidelity & Guaranty Co., surety.

January 25, 1913—Department of Education; for text books, etc.; Little, Brown & Co., Boston, Mass., principal; American Surety Co., surety.

January 25, 1913—Department of Education; for text books, etc.; The MacMillan Co., 66 5th ave., N. Y., principal; U. S. Guarantee Co., surety.

January 25, 1913—Department of Education; for text books, etc.; The H. M. Rone Co., Baltimore, Md., principal; Fidelity & Deposit Co. of Maryland, surety.

January 25, 1913—Department of Education; for text books, etc.; Ginn & Co., 70 5th ave., N. Y., principal; Fidelity & Casualty Co., surety.

Opening of Proposals:

The Comptroller by representative attended the opening of proposals at the following departments, viz:

January 20, 1913—For furnishing oils, gasoline, grease and pig lead; Department of Public Charities.

January 20, 1913—For medical, surgical and pathological supplies; Department of Public Charities.

January 20, 1913—For gas and limes, oil cloth signs, portable setteees, stationery, etc., for public lectures, and for furniture for P. S. 173, Brooklyn, and fire protection for P. S.'s 9, 42 and 43, The Bronx, and for furnishing glass to various schools in Bronx; Department of Education.

January 21, 1913—For furnishing and delivering horses; Fire Department.

January 21, 1913—For surfacing with vitrified brick blocks the highways east of Ashokan Reservoir in the towns of Olive, Marbletown, Hurley, Woodstock and Kingston, Ulster county, N. Y.; Board of Water Supply.

January 21, 1913—For hospital furniture, apparatus, kitchen utensils, etc.; Department of Public Charities.

January 22, 1913—For furnishing carts with horses and drivers for removing street sweepings from piers, etc.; Department of Docks and Ferries.

January 22, 1913—For special and general supplies; Department of Education.

January 23, 1913—For repairing motor, horse and hand lawn mowers; Department of Parks.

January 23, 1913—Construction, etc. of filters in Jerome Park; Department of Water Supply, Gas and Electricity.

January 23, 1913—For coal for bridges over the Harlem River; Department of Bridges.

January 23, 1913—For furnishing and delivering forage and coffee; Department of Public Charities.

January 24, 1913—For repaving street asphalt pavements, and for furnishing broken stone and screenings, etc.; President, Borough of Manhattan.

EDMUND D. FISHER, Deputy and Acting Comptroller.

DEPARTMENT OF FINANCE.

WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE TUESDAY, MARCH 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 mentioned 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.
				Armory Board.	
27774	1- 4-13		3-12-13	Agent and Warden, Auburn Prison	$3 00
27775	1- 4-13		3-12-13	Harry M. Kaiser, Agent and Warden ..	6 30
27776	3- 4-13		3-12-13	Ely J. Rieser & Co.	125 00
27777	2-18-13		3-12-13	J. W. Fiske Iron Works	51 60
27778			3- 2-13	John Simmons Co.	18 69
27781	2-19-12		3-12-13	W. J. Olvany	39 40
27782	2-11-13		3-12-13	Henry Beran, Jr.	58 51
27787	10-24-12		3-12-13	T. E. Quinn	21 00
27788	11-19-12		2-22-13	James Beggs & Co.	150 00
				Bellevue and Allied Hospitals.	
27220	1- 6-13		3-11-13	Joseph Seeman	$24 00
27221	3-31-13		3-11-13	M. O'Brien & Son	103 21
27226	1- 9-13		3-11-13	Farbwerke-Hoechst Co.	63 33
27228	1-10-13		3-11-13	James A. Miller	4 00
27229	1-13-13		3-11-13	George F. Montgomery	19 14
27232	1-16-13.	1- 3-13	3-11-13	John S. Kennedy, Agent and Warden..	737 88
27233	1-25-13		3-11-13	The Globe-Wernicke Co.	16 00
27234	1-20-13		3-11-13	Frederick Vietor & Achelis	715 01
27235	1- 8-13		3-11-13	Wappler Electric Mfg. Co., Inc.	8 55
27236	1- 6-13		3-11-13	Spencer Lens Co.	18 00
27237	1-16-13		3-11-13	George Tiemann Co.	18 00
27238	1- 9-13.	1-28-13	3-11-13	Waite & Bartlett Mfg. Co.	72 90
27240	1-15-13		3-11-13	Joseph Weil	9 60
27241	1-21-13		3-11-13	Henry Allen	5 95
27242	1-20-13.	1-27-13	3-11-13	B. Altman & Co.	66 27
27246	1-20-13		3-11-13	Automatic Pencil Sharpener Co.	12 00
27247	1-28-13		3-11-13	John Bellmann	6 50
27248	1-20-13		3-11-13	F. H. Bennett Biscuit Co.	5 85
27249	1-11-13		3-11-13	The Bird-Archer Co.	58 46
27252	1-22-13		3-11-13	Boudreaux Dynamo Brush Co.	3 84
27258	1-25-13		3-11-13	Burns Bros.	436 80
27259	1-21-13		3-11-13	Burroughs, Wellcome & Co.	1 90
27264	1- 2-13.	1-27-13	3-11-13	Consolidated Gas Co. of New York ...	20 40
28380			3-13-13	Dr. John W. Brannan	300 00
28382			3-13-13	Rev. Abraham Blum	3 80
28383			3-13-13	Jessie A. Stowers	7 75
28384			3-13-13	Helen Hillard	3 30
28385			3-13-13	Minerva Post	4 15
28386			3-13-13	Edward J. Kelly	2 05
28387			3-13-13	Lulu Jones	19 97
28388			3-13-13	C. D. O'Neil	27 75
28389			3-13-13	Mary Wadley	12 20
28438	1-13-13		3-13-13	B. Rothblatt & Son	59 50
28439	1-16-13		3-13-13	Louis S. Gimbel	15 50
28840	1-23-13		3-13-13	The Chas. Parker Co.	6 84
28441	1-17-13		3-13-13	The Frank Richard & Gardner Co.	6 00
28442	1-15-13		3-13-13	Jas. H. Rhodes & Co.	18 00
28443	1-27-13		3-13-13	E. P. Gleason Mfg. Co.	3 50
28444	1- 9-13		3-13-13	Parker, Stearns & Co.	13 85
28445	1-24-13		3-13-13	Tingue, Brown & Co.	118 80
28446	1- 6-13		3-13-13	Stanley & Patterson	11 08
28447	1-24-13		3-13-13	John Simmons Co.	12 00
28448	1-27-13		3-13-13	Peter Schneider's Sons & Co.....	2 50
28449	1-27-13		3-13-13	Ronalds & Johnson Co.....	2 04
28450	1-21-13		3-13-13	Patton Paint Company.....	5 00
28451	1- 8-13.	1-25-13	3-13-13	Pittsburgh Plate Glass Co.....	17 42
28452			3-13-13	Hammacher, Schlemmer & Co.....	10 15
28453	1-10-13.	1-22-13	3-13-13	Thomas C. Dunham	15 65
28454	1-10-13.	1-27-13	3-13-13	The American Laundry Machinery Co..	2 85
28455	1-18-13		3-13-13	John Boyle & Co., Inc.....	15 36
28456	1-14-13		3-13-13	William H. Thompson	7 00
28457	1-13-13		3-13-13	Taylor Instrument Companies.....	2 50
28458	1-21-13		3-13-13	Wm. Langbein & Bros.....	15 85
28459	1-31-13		3-13-13	J. G. MacDougall Co.....	22 35
28460	1-31-13		3-13-13	M. J. Hassett	24 00
28461	2- 1-13		3-13-13	Fred Senzel	27 00
28462	1- 8-13		3-13-13	Farwerke-Hoechst Company	15 00
28463	1-18-13		3-13-13	The Kny-Scheerer Co.....	26 55
28464	1-20-13		3-13-13	Standard Iron Works	13 00
28465	1-27-13		3-13-13	The Kny-Scheerer Co.	100 00
				Department of Bridges.	
26837	2-20-13		3-11-13	McKim, Mead & White.....	5,872 31
27756			3-12-13	Robt. Wetherill & Co., Inc.....	9,927 00
28603			3-14-13	John G. Theban	4 50
28604			3-14-13	Archibald McLean, Engineer in Charge.	33 85
28605			3-14-13	Olaf M. Kelly	7 95
28606			3-14-13	Volney P. Wilson	4 80
28607			3-14-13	Samuel Hamburger	4 79
28608			3-14-13	The Snare & Triest Co.....	1,439 91
28260	3- 3-13		3-13-13	Library Bureau	6 75
28263	2-26-13		3-13-13	The Fairbanks Co.	20 52
28264	2-25-13		3-13-13	Benjamin Moore & Co.....	15 75
28266	2-19-13		3-13-13	Samuel Noller	8 80
28267			3-13-13	Thompson-Bonney Company	30 00
				Bronx Parkway Commission.	
27639	2-15-13		3-12-13	L. W. Lawrence	$10 00
27640	1-31-13		3-12-13	New York Telephone Company.....	12 00
27643			3-12-13	Jay Downer, Engineer and Secretary...	39 20
				Brooklyn Public Library.	
28300			3-13-13	Brooklyn Public Library	$6,101 82
28301			3-13-13	Brooklyn Public Library	11,931 88
				Board of Ambulance Service.	
28487			3-14-13	Brooklyn Hospital	$140 00
28488			3-14-13	Brooklyn E. D. Dispensary and Hospital	70 00
28489			3-14-13	Bushwick Hospital	70 00
28490			3-14-13	C. C. Foundation of L. I. (St. John's Hospital)	70 00
28491			3-14-13	Flushing Hospital and Dispensary.....	140 00
28492			3-14-13	Jamaica Hospital	70 00
28493			3-14-13	Long Island College Hospital.....	70 00
28494			3-14-13	Methodist Episcopal Hospital in the City of Brooklyn	157 50
28495			3-14-13	Mary Immaculate Hospital	195 00
28496			3-14-13	Norwegian Lutheran Deaconesses' Home and Hospital	195 00
28497			3-14-13	N. Y. Homoeopathic Medical College and Flower Hospital	515 00
28498			3-14-13	New York Polyclinic Medical School and Hospital	250 00

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
28499		3-14-13	Rockaway Beach Hospital	80 00
28500		3-14-13	St. Joseph's Hospital, Queens	70 00
28501		3-14-13	Society of The New York Hospital	577 50
28502		3-14-13	St. Catherines Hospital	195 00
28503		3-14-13	St. Marys General Hospital	10 00
28504		3-14-13	St. Vincents Hospital	320 00
28505		3-14-13	St. Johns Long Island City Hospital	140 00
28506		3-14-13	St. Vincents Hospital, Borough of Richmond	195 00
28507		3-14-13	The J. Hood Wright Memorial Hospital	140 00
28508		3-14-13	The S. R. Smith Infirmary	195 00
28509		3-14-13	Williamsburgh Hospital	195 00
			Board of City Record.	
28324	3-10-13	3-13-13	M. B. Brown Printing and Binding Co.	$7,057 30
			Civil Service Commission.	
28430	1-13-13. 2-13-13	3-13-13	American District Telegraph Co	$23 91
28431	2- 1-13. 3- 1-13	3-13-13	United Electric Service Co	3 45
			Coroners, New York.	
28194	1-26-13. 2- 6-13	3-13-13	Harry Leisersohn	$6 00
28203		3-13-13	William H. Jackson	6 90
28204		3-13-13	George Mord	4 50
28205		3-13-13	Charles Hoefle	1 95
28206	2-28-13	3-13-13	New York Telephone Co	15 43
28610		3-14-13	Walter Curtis	1 40
28611		3-14-13	Terence McCaffery	1 20
28612		3-14-13	Emil F. Hartung, M.D	13 60
28613		3-14-13	Charles Wuest, M.D	14 30
28614	3- 1-13	3-14-13	The Peerless Towel Supply Co	2 59
			County Clerk, Kings County.	
27211	2-27-13	3-11-13	John M. Bulwinkle	$33 90
			County Clerk, Richmond County.	
27114	3- 8-13	3-11-13	Baker Voorhis & Co	$15 00
			City Court.	
27454	3- 4-13	3-12-13	John Wanamaker, New York	$5 75
			City Magistrates', Second Division.	
22749	3- 6-13	3-12-13	Stevenson & Marsters	$6 25
27574	2-28-13	3-12-13	New York Telephone Co	5 44
28207	12-31-12	3-13-13	New York Telephone Co	15 49
28208	3-12-13	3-13-13	Frank Bulkley	2 00
			Department of Docks and Ferries.	
26893	3-11-13	3-11-13	Charles Meads & Co	$5,635 50
26895	2-25-13	3-11-13	The Frank Richard & Gardner Co	344 75
26896	3- 3-13	3-11-13	The Frank Richard & Gardner Co	108 36
26912	2-27-13	3-11-13	John S. Kennedy, Agent and Warden	314 00
26915	3- 3-13	3-11-13	Barrett Manufacturing Co	68 00
26917	2-18-13	3-11-13	The New York Multi-Color Copying Co.	16 88
26920	2-26-13	3-11-13	Vought & Williams	140 39
26925	2-18-13	3-11-13	The Bristol Co	15 75
26926	2-25-13	3-11-13	Agent and Warden of Auburn Prison	6 50
26928	2-10-13	3-11-13	Union Carpet Co	328 00
26929	2-19-13	3-11-13	Bayonne Casting Co	226 04
26930	2-28-13	3-11-13	Brooklyn Lumber Co	72 00
26931	3- 4-13	3-11-13	The Lunkenheimer Co	33 80
26932	2-26-13	3-11-13	Henry P. Wood & Son	12 10
28255	2-14-13	3-13-13	Pure Oil Co	9 00
28268	2-24-13	3-13-13	Borough Supply Co	3 50
			Department of Education.	
24863	1-25-13	3- 6-13	R. Solomon & Son	$85 00
24425	12-29-12	3- 5-13	R. Solomon & Son	98 00
28056	1-20-13	3-13-13	Felix Munz	8 40
25538	10-15-12	3- 8-13	Joseph F. Egan	80 60
25791	1- 4-13	3- 8-13	Charles Williams	33 25
25792	1- 4-13	3- 8-13	Charles Williams	30 10
25793	1- 4-13	3- 8-13	Charles Williams	41 74
25828	12-23-13	3- 8-13	John J. Demarest	49 80
25870	1-13-13	3- 8-13	John Wittman	95 00
26186	3- 5-13	3-12-13	T. Frederick Jackson, Inc	1,275 00
26479	1-13-13	3-11-13	Jacob Kurzban, Assignee of J. Cohen	5 0
26481	1-10-13. 1-13-13	3-11-13	Jacob Kurzban, Assignee of J. Cohen	16 35
26496	1-29-13	3-11-13	John J. Fleming	9 70
26537	1-23-13. 1-24-13	3-11-13	Henry Pearl & Sons Co	39 64
26553	1-18-13. 1-18-13	3-11-13	H. Sacks	60 22
26563	2- 3-13	3-11-13	Max Jackel	12 75
26603	1-16-13	3-11-13	John Gelshion	36 60
26623	1-10-13	3-11-13	F. J. Kloes	27 14
26628	1-18-13	3-11-13	H. Gordon	3 30
26632	1-27-13	3-11-13	Zakarias Hermannson	26 02
27206	3-10-13	3-11-13	A. Pearson's Sons	425 00
27839	2- 5-13	3-12-13	Long Island Express Co	13 55
27398		3-12-13	Neptune B. Smith, Incorporated	2,550 00
27399	3-10-13	3-12-13	National Regulator Co.	1,062 50
27401	3-10-13	3-12-13	E. Rutzler Co.	425 00
27402	3- 7-13	3-12-13	National Regulator Co.	807 50
27405	1-18-13	3-12-13	H. Sacks	18 22
27410	1-20-13	3-12-13	Robertson & Conry	21 16
27412	1-25-13	3-12-13	Lignum Carpenter Works	10 25
27416	1-21-13	3-12-13	James J. Fay	18 23
27421	2- 3-13	3-12-13	William Rabe	19 10
27430	2- 1-13	3-12-13	H. Sacks	11 39
27439	1-23-13	3-12-13	A. D. Evertsen Co.	24 10
27441	1-20-13	3-12-13	James S. Kelly	14 57
27447	1-30-13	3-12-13	John W. Sands	7 03
27762	12-14-12	3-12-13	Edward F. Babb & Co	5 00
27765	1- 6-13	3-12-13	American Entomological Co.	6 00
27766		3-12-13	Henry Holt & Co	80
27767	12- 5-12	3-12-13	John Wanamaker, New York	11 66
27768	12-28-12. 1- 4-13	3-12-13	Houghton, Mifflin Co.	21 93
27769	2- 6-12. 9- 4-12	3-12-13	Charles Scribner's Sons	8 60
27771		3-12-13	Houghton, Mifflin Co.	14 62
27772		3-12-13	The A. S. Barnes Co	1 20
28035	1-17-13. 1-18-13	3-13-13	M. J. Johnstone	21 70
28036	1-30-13	3-13-13	John Gelshion	4 16
28038	1-28-13	3-13-13	W. F. Buckley Co	12 45
28039	2- 5-13	3-13-13	Albro J. Newton Co	4 25
28040	2- 3-13	3-13-13	O. W. Nordstrom	11 46
28041	2- 1-13	3-13-13	Martin F. Maloney	10 00
28042	1-27-13	3-13-13	The Fairbanks Co	8 86
28043	2- 4-13	3-13-13	Thomas F. McEnaney	18 50

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
28046	1-27-13	3-13-13	Edward Kelly Estate	4 00
28048	2- 6-13. 2-19-13	3-13-13	The Bank of Long Island, Assignee of Queens Borough Scavenger Co	225 00
28049	1-18-13	3-13-13	Gus H. Reichold	5 00
28055	1-30-13	3-13-13	George Roach	17 25
28057	1-24-13	3-13-13	S. F. Carlin	6 74
28064	1-20-13	3-13-13	T. H. Teschner	6 50
28065	1-11-13	3-13-13	I. Rader	8 25
28068	1-22-13	3-13-13	D. S. Guyon	2 80
28121	2- 3-13	3-13-13	Geo. Morley	23 48
28147	12-23-12	3-13-13	Ginn & Company	11 13
28148	1- 5-13	3-13-13	Association Press	1 42
28150	1-16-13	3-13-13	A. N. Marquis & Co	5 00
28151	1-13-13	3-13-13	The Boston Book Co	1 00
28152		3-13-13	Business Book Bureau	8 75
28153	1-15-13	3-13-13	Carr Bros.	6 00
28154	1-15-13	3-13-13	George Y. Cram	7 50
28155	1-16-13	3-13-13	D. C. Heath & Co	10 80
28156	1-16-13	3-13-13	C. N. Caspar Co	51
28157	1-15-13	3-13-13	Y. A. Davis Co	4 28
28472		3-10-13	P. Belford & Son	2,491 37
28473	1-31-13	3-13-13	Frank D. Beattys & Co	55 28
28702		3-14-13	A. L. Brasefield, Deputy and Acting Superintendent	230 73
28703		3-14-13	A. L. Brasefield, Deputy and Acting Superintendent	40 85
28704		3-14-13	A. L. Brasefield, Deputy and Acting Superintendent	183 96
28705		3-14-13	A. L. Brasefield, Deputy and Acting Superintendent	62 71
28706		3-14-13	A. L. Brasefield, Deputy and Acting Superintendent	1 16
27808	1-31-13	3-12-13	Holmes Electric Protective Co	62 00
27842	10-31-12. 11-30-12	3-12-13	New York Telephone Company	31 94
27862	11-30-12	3-12-13	New York Telephone Co	19 54
27863	11-30-12	3-12-13	New York Telephone Co	3 04
27865	11-30-12	3-12-13	New York Telephone Co	23 60
27866	10-31-12. 11-30-12	3-12-13	New York Telephone Co	7 97
27867		3-12-13	William H. Maxwell, City Supt. of Schools	114 03
			Board of Estimate and Apportionment.	
27094	12-16-12	3-11-13	Peter Gray & Sons, Inc	$36 00
26003		3-10-13	Kiehle Bros. Testing Machine Co	133 00
28171	3- 3-13	3-13-13	Schaeffer & Budenberg Mfg. Co	6 00
28172	2-28-13	3-13-13	Stanley & Patterson	2 30
			Department of Finance.	
27718		3-12-13	Treasurer, New York State	$854 00
27719		3-12-13	Trustees of the Health Department Pension Fund	3,316 00
27744		3-12-13	Thomas W. Golding or Gettner, Simon & Asher, Attys.	618 07
28303		3-13-13	Beth Israel Hospital	1,737 35
28309		3-13-13	Asylum of the Sisters of St. Dominic	6,221 07
28310		3-13-13	Asylum of St. Vincent de Paul	567 84
28370		3-13-13	Guaranty Trust Company of New York	500,000 00
28371		3-13-13	Guaranty Trust Company of New York.	500,000 00
28686		3-14-13	Edgar S. Follwell	92 00
28687		3-14-13	Mary Van Potendyk or Taylor & Fatt, Attys.	25 00
28688		3-14-13	Morris M. Lang or H. C. Allen, Atty	10 00
28691		3-14-13	Conservation Commission	25 00
28692		3-14-13	Brooklyn Steamship & Hotel Supply Company	375 07
28693		3-14-13	American Bonding Co. of Baltimore	225 00
28694		3-14-13	Friedman & Bernstein	16 85
28699		3-14-13	New York Fire Department Relief Fund, Joseph Johnson, Commissioner, as trustee	67,769 19
28707		3-14-13	J. & W. Seligman & Co.	15 17
28729		3-14-13	Hugh C. Riley, Bank Messenger	4 46
28912		3-14-13	Temporary Home for Children of Queens County, N. Y.	219 21
28913		3-14-13	Catholic Home Bureau	785 00
28914		3- 4-13	New York Catholic Protectory	10,818 43
28915		3-14-13	St. John's Guild	1,875 00
28916		3-14-13	St. Francis Hospital	3,940 75
28917		3-14-13	St. Michael's Home	1,069 39
28918		3-14-13	St. Michael's Home	232 71
28919		3-14-13	The Babies' Hospital of The City of New York	567 60
28920		3-14-13	The Sloane Hospital for Women	1,088 38
29241		3-15-13	Lincoln Hospital and Home	5 00
29242		3-15-13	Lincoln Hospital and Home	12 00
29243		3-15-13	Association for Befriending Children and Young Girls, House of the Holy Family	289 97
29244		3-15-13	Association for Befriending Children and Young Girls, House of the Holy Family	10 36
29245		3-15-13	American Female Guardian Society and Home for the Friendless	9 00
29246		3-13-13	Brooklyn Home for Blind, Crippled and Defective Children	37 40
29247		3-15-13	Good Counsel Training School for Young Girls	956 68
29249		3-15-13	House of St. Giles, the Cripple	204 25
29249		3-15-13	New York Juvenile Asylum	127 55
29250		3-15-13	St. Agnes' Hospital for Crippled and Atypical Children	16 80
29251		3-15-13	St. Vincent's Hospital, Borough of Richmond	1,187 20
29252		3-15-13	The Jewish Protectory and Aid Society	4,134 11
29277		3-15-13	Chamberlain of The City of New York	1,656 00
			Fire Department.	
25737	2-22-13	3- 8-13	William Gleichmann & Co.	$442 38
26888	3- 5-13	3-11-13	Standard Oil Co. of New York	955 13
26889	1-31-13. 2-26-13	3-11-13	Standard Oil Co. of New York	373 48
26933	2- 8-13. 2- 8-13	3-11-13	Scranton and Lehigh Coal Co.	557 58
26938	1-20-13	3-11-13	Frederick Pearce Co.	286 50
27351	2-21-13. 2-25-13	3-12-13	William Koontz	22 00
27364	2-25-13	3-12-13	John Simmons	1 50
27365	12- 5-12	3-12-13	Simpson-Crawford Co.	7 65
27366	2-17-13	3-12-13	A. J. McCollum	194 04
27367	2-25-13	3-12-13	Dennison Mfg. Co.	6 00
27371	2-24-13	3-12-13	M. Hallanan	58 26
27372	2- 5-13	3-12-13	Art Metal Construction Co.	25 60
27373	2-25-13	3-12-13	American Type Founders Co.	48 60
27378	2-21-13	3-12-13	Gimbel Bros.	47 50
27379	2-25-13	3-12-13	John L. Radermacher	39 20
27380	2-21-13	3-12-13	Croker National Fire Prev. Engr. Co.	40 00

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
27381	2-21-13	3-12-13	The Fairbanks Co.	44 75
27384	2-24-13	3-12-13	New York Stencil Works	25 00
27385	2-20-13	3-12-13	Alexander Thomson	382 26
27387	2-25-13	3-12-13	Conroy Bros., Inc.	24 33
27388	2-27-13	3-12-13	Remington Typewriter Co.	1 30
27389	2-18-13	3-12-13	Joseph A. Bolen	54 00
28510		3-14-13	Philip P. Farley, Deputy Fire Com.	25 00
28511		3-14-13	Frank McCaffrey, Storekeeper	2 80
28512		3-14-13	James P. Reehil, Inspector	34 05
28513		3-14-13	John P. Prial, Fire Marshal	272 90
28514		3-14-13	Valentine Fendrich, Assistant Electrical Engineer	29 85
28515		3-14-13	William Guerin, Acting Chief	9 00

Department of Health.

20787		2-24-13	Peter T. Barlow	300 00
22262	1- 1-13	2-27-13	John Menken	5 40
27169	1-24-13	3-11-13	Goodyear's India Rubber Selling Co.	3 38
27170	10-10-12	3-11-13	Parke, Davis & Co.	3 75
27171	1-11-13	3-11-13	Sagamore Rubber Mfg. Co.	2 25
27173	2- 4-13	3-11-13	G. E. Stechert & Co.	3 53
27174	1-23-13	3-11-13	Paul B. Hoeber	3 25
27181	12-12-12	3-11-13	Hoffman-Corr Mfg. Co.	151 43
27182	1-13-13. 1-21-13	3-11-13	The Republic Metalware Co.	215 00
27184	10-28-12	3-11-13	J. Zarchin	2 00
27185	2-10-13	3-11-13	M. S. Brown	11 45
27186	1-27-13	3-11-13	Simplex Electric Heating Co.	5 46
27188	1-31-13	3-11-13	Crown Stamp Works	1 25
27189	1-30-13	3-11-13	Medical Society of the State of New York	2 50
27190	1-15-13. 1-31-13	3-11-13	Michael Paulini	10 50
27192	1-27-13	3-11-13	E. N. Little's Sons	3 00
27204	12-13-12	3-11-13	James A. Miller	1 33
27553	1- 6-12	3-12-13	Sulzberger & Sons Co.	1,144 86
27556	11-15-12. 11-25-12	3-12-13	L. R. Wallace	321 25
27558	1-31-13	3-12-13	Shultz Bread Co.	392 48
27561	1-31-12	3-12-13	Sheffield Farms, Slawson-Decker Co.	1,039 28
27566	1-31-13	3-12-13	Conron Bros. Co.	269 04
28390	12-30-12	3-13-13	L. Becker	1 55
28392	12-31-12	3-13-13	The Peck, Stow & Wilcox Co.	4 20
28404	1- 1-13	3-13-13	Otto Stegemann	4 13
28405	1-11-13	3-13-13	L. J. Pfeuffer	5 35
28406	12-27-12	3-13-13	Manhattan Electrical Supply Co.	2 78
28412	12-31-12	3-13-13	Theo. P. Huffman & Co.	4 00
28414	1-15-13	3-13-13	George Eimold Co.	14 50
28415	12-31-12	3-13-13	Swan & Finch Co.	6 00
28417	10-16-12	3-13-13	Syndicate Trading Co.	3 85
28418	1- 6-13. 1-24-13	3-13-13	Underwood Typewriter Co., Inc.	9 95
28420	12-14-12	3-13-13	John Simmons Co.	2 00
28423	12-31-12	3-13-13	Lunny & Handibode	3 90
28424	1- 9-13	3-13-13	Remington Typewriter Co.	1 30
28425	11- 2-13	3-13-13	George A. Kaltenmeier	74 00
28426	11-30-12	3-12-13	Curtis-Blaisdell Co.	70 00
28428	2 -6-13	3-13-13	John F. Schmadeke	443 57

Law Department.

24888		3- 6-13	A. George Maul	$15 40

Commissioner of Licenses.

28367		3-13-13	Henry Frank, as Financial and Recording Clerk	$24 79
28368		3-13-13	Herman Robinson, as Commissioner of Licenses	250 00

Mayoralty.

27504	12-31-12	3-12-13	New York Telephone Co.	$62 25
27505	12-31-12	3-12-13	New York Telephone Co.	15 13
28674	3- 6-13	3-14-13	The Mutual Window Cleaning and House Renovating Co.	2 00
28682	2-28-13	3-14-13	Yawman & Erbe Mfg. Co.	50
28683	2-29-13	3-14-13	Tower Mfg. & Novelty Co.	5 85

Parks, Manhattan and Richmond.

27587		3-12-13	John W. Hutchinson, Purchasing Agent.	$241 17
27591	2-11-13	3-12-13	Eugene Dietzgen Co.	19 00
27592	2-18-13	3-12-13	Park & Tilford	9 00
27593	2-28-13	3-12-13	Orange County Milk Association	11 20
27594	3- 1-13	3-12-13	S. Cushman's Son	60 30
27595	2- 6-13. 2-14-13	3-12-13	Pure Oil Company	78 33
27597	2-21-13. 2-27-13	3-12-13	Tower Bros. Stationery Co.	6 15
27598	2-23-13	3-12-13	The Harral Soap Co.	2 63
27599	2-18-13. 2-25-13	3-12-13	Alex. Taylor & Co.	83 75
27600	2-21-13	3-12-13	Nathaniel Wise's Son	9 15
27602	2-21-13	3-12-13	Eugene Dietzgen Co.	10 29
27603	2-27-13	3-12-13	Leousi, Clonney & Co.	11 63
27604	2-14-13	3-12-13	Colwell Lead Company	10 50
27605		3-12-13	John A. Gifford & Son.	10 26
27606	2-28-13	3-12-13	Patterson Bros.	4 50
27609	2-26-12	3-12-13	Fletcher-Stanley Co.	1 82
27611	2- 3-13	3-12-13	Hale Desk Co.	25 00
27612	2-21-13	3-12-13	Keller Springfield Tire Co.	13 00
27613	2-21-13	3-12-13	Gotham Sporting Goods Co.	4 50
27617	2-18-13. 2-26-13	3-12-13	Department of Correction	54 80
27618	2-17-13	3-12-13	Manhattan Hardware & Bicycle Co.	2 23
27619	2-25-13	3-12-13	Topping Brothers	42 00
27620	2-18-13. 2-25-13	3-12-13	Harry M. Kaiser, Agent and Warden	19 60
27621	2- 1-13	3-12-13	Hanlon & Goodman Co.	64 52
27622	2-17-13	3-12-13	Stumpp & Walter Co.	4 80
27623	2-20-13	3-12-13	Keystone Lubricating Company	3 31
27625	2- 7-13	3-12-13	Vought & Williams	7 28
27626	1-17-13. 2- 5-13	3-12-13	Pittsburgh Plate Glass Co.	127 98
27627	2-19-13	3-12-13	Wheeling Corrugating Co.	47 24
27630	1-31-13	3-12-13	Haywood Brothers & Wakefield Co.	54 00
27631	2-21-13	3-12-13	Chas. F. Biele & Sons Co.	90 00

Police Department.

26997	2-19-13	3-11-13	James Dever & Son	$512 25
27014	1-16-13	3-11-13	George A. Hans	19 00
27015	1-28-13	3-11-13	M. K. Bowman-Edson Co.	30 00
27016		3-11-13	Pure Oil Company	240 00
27026	2- 8-13	3-11-13	F. N. Du Bois & Co.	14 70
27588		3-12-13	Police Pension Fund, Rhinelander Waldo, Commissioner, Treasurer and Trustee.	1 10

President of the Borough of Manhattan.

22052	2-10-13		Seeman Bros.	19 50
26419	1-31-13	3-10-13	The Barber Asphalt Paving Co.	494 55
27469	9-26-12	3-12-13	M. S. Cook	6 00
27470	11-30-12	3-12-13	F. W. Devoe & C. T. Reynolds Co.	33 44
27472	11-30-12	3-12-13	The Hill Pump Valve Co.	22 88
27473	12-31-12	3-12-13	Vacuum Oil Company	59 96
27474	12-19-12	3-12-13	Remington Typewriter Company	55 00
27477	6-30-12. 12-31-12	3-12-13	Foster Scott Ice Co.	117 08
27482	1-20-13	3-12-13	The Realty Records Co.	31 25
27485	2- 9-13	3-12-13	The J. A. Noermann Co.	56 00
27487	1-31-13	3-12-13	Keuffel & Esser Co.	12 30
27488	2-18-13	3-12-13	Reliable Sign Co.	60 00
27489	2-11-13	3-12-13	Samuel Lewis	42 50
27499	1-27-13	3-12-13	Barrett Manufacturing Co.	35 00
27500	2-14-13	3-12-13	Kalt Lumber Co.	67 53
27501	2-17-13	3-12-13	George C. Lavery & Co.	59 00
27502	1-10-13. 1-16-13	3-12-13	Candee, Smith & Howland Co.	237 50

President, Borough of The Bronx.

27901	2-21-13	3-12-13	The Locomobile Company of America.	$4 33
27902	2- 1-13. 2-28-13	3-12-13	Standard Oil Company of New York.	102 52
27903	2-27-13	3-12-13	Republic Rubber Company of New York	6 00
27904	2-28-13	3-12-13	Schildwachter Ice Co.	6 38
27906	2-24-13	3-13-13	Geo. B. Marx	450 00
27907	2-26-13	3-12-13	Montgomery & Co.	23 91
27908	2-28-13	3-12-13	The Asphalt Construction Co.	105 00
27909	2-20-13	3-12-13	John Bell Co.	54 00
27916	2-28-13	3-12-13	Chas. H. Nichols	36 63
27918		3-12-13	The Dime Savings Bank of Brooklyn.	56 00

President, Borough of Brooklyn.

27965	12-30-12	3-12-13	The Banks Law Publishing Co.	$775 00
27966	2- 4-13	3-12-13	A. Pearson's Sons	60 00
27972	2- 2-13. 2-11-13	3-12-13	A. Pearson's Sons	99 70
27973	1-31-13	3-12-13	Woods Garage & Sales Co.	32 14
27977	2-14-13	3-12-13	Geo. I. Roberts & Bros.	22 13
27980	2- 3-13	3-12-13	Jackson & Cowenhoven Co.	3 00
27981	2-18-13	3-12-13	Royal-Eastern Electrical Supply Co.	10 00
27982	2-17-13. 2-19-13	3-12-13	Cook Electric Co.	65 90
27985	2-24-13	3-12-13	Jackson & Cowenhoven Co.	20
27993		3-12-13	Royal Eastern Electrical Supply Co.	2 07
27995	2-13-13	3-12-13	Geo. I. Roberts & Bros.	6 05
27996	2-27-13	3-12-13	Johnson Service Co.	4 94
27997	3- 1-13	3-12-13	Kanouse Mountain Water Co.	7 20
27998		3-12-13	Title Guarantee & Trust Co.	7 00
27999	3- 1-13	3-12-13	Sweeney & Nail Auto Co.	13 90
28000	3- 1-13	3-12-13	Sweeney & Nail Auto Co.	18 00
28001	3- 1-13	3-12-13	Sweeney & Nail Auto Co.	3 70
28005	2-25-13	3-12-13	Gasteiger & Schaefer	562 85
28006	2-24-13	3-12-13	Gasteiger & Schaefer	347 33
28007	2-17-13	3-12-13	C. W. Keenan	19 20
28008	2-28-13	3-12-13	The Garlock Packing Co.	132 28
28009	3- 3-13	3-12-13	Philip Dinger	18 00
28010	1-31-13	3-12-13	Municipal Garage	11 77
28011	1-31-13	3-12-13	Municipal Garage	20 00
28013		3-12-13	James Connolly	27 50
28014	2-28-13	3-12-13	Patrick Leydan	4 00
28015		3-12-13	L. E. Parr.	2 50
28016	2-26-13	3-12-13	William Von Heill.	7 50

President, Borough of Queens.

27920	11- 2-12. 2- 8-12	3-13-13	G. R. Lawrence	$41 70
27921	10-26-12	3-12-13	G. R. Lawrence	11 76
27922		3-12-13	W. Scarborough	1 60
27923	1-25-13	3-12-13	C. H. Tiebout & Sons.	40 38
27926	2-15-13	3-12-13	Elmhurst Coal Co.	55 00
27929	2-20-13	3-12-13	W. Scarborough	2 00
27930	2-11-13	3-12-13	Clynta Water Co.	60
27931	2-15-13	3-12-13	Long Island Star Publishing Co.	29 00
27933	2-18-13	3-12-13	John B. Recimer	120 00
27935	2- 1-13	3-12-13	Morris Auto Garage	32 87
27936	2-18-13	3-12-13	The Long Island Hardware Co.	37 50
27940	2-17-13	3-12-13	Agent and Warden, Auburn Prison	27 00
27943	2-19-13	3-12-13	Nat. Friedman	20 00
27945	2-17-13	3-12-13	A. Kennedy	1 60
27946	2- 5-13	3-12-13	The E. G. Braxinar Co.	55 00
27947	1-13-13	3-12-13	John B. Reimer	24 88
27948	2-13-13	3-12-13	Department of Public Charities, Bureau of Disinfectants	14 25
27949	2-20-13	3-12-13	Hardy Voorhees & Co.	187 50
27950	2-18-13	3-12-13	The Long Island Hardware Co.	9 00
27951	2-12-13	3-12-13	Edward E. Buhler Co.	15 82
27952	2-13-13	3-12-13	Chilton Paint Co.	42 64
27953	1-16-13	3-12-13	Edward E. Buhler Co.	51 60
28331	2-15-13	3-13-13	Jurgen Rathjen Co.	13 00
28333	2-10-13	3-13-13	W. Scarborough	1 60
28335	2- 5-13	3-13-13	G. R. Lawrence	4 75
28337	1-29-13	3-13-13	The Long Island Hardware Co.	5 40
28352	2-19-13	3-13-13	Remington Typewriter Co.	1 60

President, Borough of Richmond.

27116	3- 5-13	3-15-13	Joseph Johnson's Sons	$5,404 73

Department of Public Charities.

19810	1-17-13	3-21-13	Brent M. Tanner	$52 50
22851		2-28-13	New York Central and Hudson River R. R. Co.	141 06
26271	1-29-13	3-10-13	E. T. Joyce	423 51
26320	11-22-12. 1-22-13	3-10-13	Agent and Warden, Auburn Prison	190 86
26849	3- 6-13	3-11-13	Frank J. Helmle	42 19
26855	3- 3-13	3-11-13	Child & Scott Co.	1,562 40

Public Service Commission.

28980	1-31-12	3-14-13	Union Towel Supply Co.	$8 36
28983	12-31-12	3-14-13	The New York Edison Co.	2 44
28984		3-14-13	Title Guarantee and Trust Co.	75 00
28997	1-15-13. 2- 1-13	3-14-13	The Flushing Daily Times	19 20
29000	1-16-13	3-14-13	The Guenther Publishing Co.	21 00
29006	1- 2-13. 1- 9-13	3-14-13	Municipal Journal & Engineer, Inc.	12 00
29007	1-23-13	3-14-13	New York American	28 00
29011	1-30-13	3-14-13	New Yorker Herold	22 40
29020	12-23-12	3-14-13	The Sun	300 00
29023		3-14-13	American Distilled Water Co.	1 50
29024	12-19-12	3-14-13	The American Metal Hose Co.	8 70
29026	12-20-12	3-14-13	A. Deutschmeister	2 00
29027	11- 4-12. 11-26-12	3-14-13	F. W. Devoe & C. T. Raynolds Co.	3 04
29030	12-18-12	3-14-13	E. Belcher Hyde	5 00
29031	9-30-12. 12-31-12	3-14-13	Knickerbocker Ice Co.	3 34

Commissioner of Records, Kings County.

28833	1-29-13	3-14-13	E. G. Soltmann	$1 40

Finance Voucher No.	Invoice Dates.	Received in Department of Finance.	Name of Payee.	Amount.
			Register, Kings County.	
28020	2-28-13	3-13-13	Patrick Dougherty	$8 80
28840	3-11-13	3-14-13	E. A. McEvoy, Chief Clerk	5 75
			Sheriff, New York.	
26451	2-13-13	3-11-13	Greenhut-Siegel Cooper Co.	$47 45
			Sheriff, Kings County.	
27887	2-28-13	3-12-13	New York Telephone Co.	$53 92
28361		3-13-13	Charles B. Law, Sheriff of Kings County	200 00
			Supreme Court, New York.	
24896	1-24-13. 2- 7-13	3- 6-13	Underwood Typewriter Co.	$137 51
24901	1-29-13	3- 6-13	Geo. C. Flint Co.	248 40
			Court of Special Sessions.	
23726	2-13-13. 2-14-13	3- 4-13	George W. Cobb, Jr.	$417 00
26299	3- 7-13	3-10-13	Eugene H. Tower, Inc.	13 50
26300	2-20-13	3-10-13	Underwood Typewriter Co., Inc.	83 03
			Department of Street Cleaning.	
26718	1-31-13	3-11-13	F. F. Fuhrmann	$94 40
26727	2-28-13	3-11-13	T. Connolly	117 40
26734	1-31-13	3-11-13	Remington Typewriter Co	40 19
26735	1-22-13	3-11-13	Lozier Motor Company	1,000 00
26743	1-22-13	3-11-13	The Gillette Clipping Machine Co	75 00
26744	2-28-13	3-11-13	A. F. Brombacher & Co	11 00
26745	2- 3-13. 2-10-13	3-11-13	Department of Correction, N. Y. County Penitentiary	2,400 00
26746	2- 1-13	3-11-13	A. G. Spalding & Bros	19 50
26747		3-11-13	Department of Correction	1,600 00
26748	2-10-13	3-11-13	John S. Leng's Son & Co	92 25
26749	1-22-13	3-11-13	The Smith Worthington Co	49 75
27042	12-31-12	3-11-13	The Baker Mfg. Co	18 00
27055	1-31-13	3-11-13	John S. Kennedy, Agent and Warden	650 00
27059	2-17-13	3-11-13	The Manhattan Supply Company	31 50
27066	1-24-13	3-11-13	Department of Correction	550 00
27069	2-24-13	3-11-13	Mrs. H. J. Fogg	72 50
27070	1-23-13	3-11-13	Theo. A. Crane's Sons Co	660 68
27071	2-28-13	3-11-13	Ward & Co	608 71
27072	2-18-13	3-11-13	The Manhattan Supply Company	11 50
27275		3-11-13	Englebert Tyre Company	387 60
27276	2-28-13	3-11-13	A. F. Brombacher & Co	50 80
27277	2- 5-13. 2-13-13	3-11-13	Harry M. Keiser, Agent and Warden, Clinton Prison	21 60
27288	2- 1-13	3-11-13	George W. Keefe	12 50
			Tenement House Department.	
26781	2-28-13	3-11-13	The Globe Wernicke Co	$38 50
26785	2-26-13	3-11-13	Direct-Line Telephone Co	15 00
28930	1-31-13. 2-28-13	3-14-13	New York Bottling Co	17 00
28946		3-14-13	James A. Tappen	2 85
			Board of Water Supply.	
19905	2-15-13	3-10-13	Grant, Smith & Co. and Locher	$158,751 36
26057	11-29-12	3-10-13	A. Moses' Sons & Co., Inc	10 00
29022		3-14-13	Alexander S. Cochran or Rockland County Trust Co	$441,940 00
29171		3-15-13	Alexander Smith Cochran or Rockland County Trust Company	1,642 03
			Department of Water Supply, Gas and Electricity.	
24156	11-21-12	3- 5-13	New York Blue Print Paper Co	$143 58
24913		3- 6-13	Chas. D. Norton Co	2,150 29
27120	7-31-12	3-11-13	New York & New Jersey Globe Gas Light Co., Ltd.	68 00
27123	1- 2-13	3-11-13	Westchester Lighting Company	35 06
27124	1- 1-12. 12-31-12	3-11-13	Gas Consumers' Association	424 19
27125	11-20-12	3-11-13	Welsbach Gas Lamp Company	73 02
27130	3- 1-13	3-11-13	Olin J. Stephens, Inc	55 00
27131	3- 3-13	3-11-13	Clark & Wilkins Co	74 00
27132	3- 3-13	3-11-13	Clark & Wilkins Co	148 00
27157	12-31-12	3-11-13	American Meter Company	104 80
27165		3-11-13	John Becker	66 00
27166		3-11-13	William J. Ryan	54 00
27167	2-28-13	3-11-13	P. Delaney	22 39
27507	3 -1-13	3-12-13	Olin J. Stephens	27 50
27514	3- 1-13	3-12-13	F. F. Fuhrmann	5 00
27528	2-28-13	3-12-13	Gotham Sporting Goods Co	21 95
27530	2-11-13	3-12-13	Munson Supply Co	15 75
27532	2-28-13	3-12-13	John N. Brahy	120 00
27543	12-19-12	3-12-13	Aobert A. Keasbey Co.	3 33
27546	11-27-12. 12-24-12	3-12-13	Brent M. Tanner	78 70
27547	2-28-13	3-12-13	Godfrey-Keeler Co.	54 71
27548	1- 2-13	3-12-13	Greenhut-Siegel Cooper Co.	5 90
27552	2-27-13	3-12-13	The Peerless Blue Print Co.	21 20
27648	3- 1-13	3-12-13	T. N. Lewis	1,883 54
26679	12-19-12	3-11-13	Mittnacht & Co.	55 00
28214		3-13-13	The Briarcliff Farms, Inc.	2 70
28215	2- 1-13. 2- 6-13	3-13-13	F. F. Fuhrmann	3 40
28216	2- 7-13	3-13-13	Neptune Meter Co.	5 00
28218	2-26-13	3-13-13	William E. Kemp	8 00
28221	2-21-13	3-13-13	Gregg Bros.	4 50
28225		3-13-13	Walter Carpenter	84 00
28226		3-13-13	John W. Huntley	84 00
28227		3-13-13	William B. Birchall	60 00
28228	2-28-13	3-13-13	Bronx Taxicab Co.	75 00
28696		3-14-13	Arthur Mercer	27 57
29202		3-15-13	Joseph Goodman, Assistant Engineer	2 80
29203		3-15-13	Thos. J. Gannon, Mechanical Engineer.	5 25
29204		3-15-13	Thos. J. Gannon, Mechanical Engineer.	25 65
29206		3-13-13	Geo. A. Taber, Assistant Engineer	6 95
29210		3-15-13	Richard McGowan	14 60
29214		3-15-13	F. W. Hancock, Supervising Engineer	5 15

VOUCHERS RECEIVED IN DEPARTMENT OF FINANCE TUESDAY, MARCH 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.
		Armory Board.	
20250	2-18-13	E. H. Janes	$275 00
30251	1- 7-13	Meyer, Denker, Sinram Co	606 42
30252	2- 7-13	S. Tuttle's Sons Co	1,278 90
30253	1- 7-13	Meyer, Denker, Sinram Co	660 49
30254		J. & F. Electric Co	2,000 70
		Department of Bridges.	
30313		The John C. Orr Co	$2,992 06
		Civil Service Commission.	
30146	12-13-12	Kristian B. Odner	$10 00
20144	1-29-13	Underwood Typewriter Co	11 25
30145	1- 8-13	The N. Y. Law Journal	7 00
		Department of Correction.	
30084	1-31-13	Thos. F. Kane	$0 70
30085	1-31-13	John F. Fallon	4 55
30086	1-31-13	Thos. F. Kane	5 40
30087	1-31-13	Moses Keschner	1 00
30088	1-24-13	Martin J. Moore	2 00
30089	1-31-13	Thos. McManus	4 75
30090	1- 3-13	John H. Schroeder	60
30091	1-31-13	Richard L. Robinson	6 15
30092	1-31-13	N. Y. Tel. Co	49 97
30093	1-21-13	Jas. A. Starrs	5 31
30094	2- 3-13	Julius J. Bremel	5 00
30095	1-16-13	Erie R. R. Co	2 80
30096	1- 7-13	N. Y. Central & Hudson R. R. R. Co.	18 04
30104	2-24-13	J. D. Stout & Co	679 08
30105	2-28-13	Sulzberger & Sons Co	216 58
30106	2-21-13	Geo. A. Zabriskie	2,370 42
30107		Patrick A. Whitney	167 25
30108		Peter A. Mallon	51 75
30109		Frank W. Fox	5 00

Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.
		City Court.	
30151	3-15-13	The Banks Law Pub. Co	$8 75
30152	3-11-13	Chas. E. Bensel, Jr	4 30
30153	3-11-13	Remington Typewriter Co	5 00
		Department of Education.	
30113	1-31-13	The A. S. Barnes Co	$220 00
30127	2-10-13	John Wanamaker	52 47
30128	1-25-13	The University Pub. Co	7 70
30129	9-26-12	Expression Co.	3 33
30114	1- 3-13	Meyer, Denker, Sinram Co	14 25
30115	12-26-12	Reed Prentice Co	55 90
30116	12-31-12	Montgomery & Co	23 65
30117	1- 6-13	N. Y. Sand & Facing Co	5 25
30118	12-26-12	Montgomery & Co	3 04
30119	1-14-13	Parkinson Coke & Coal Co	10 25
30120	12-30-12	Van Norman Machine Tool Co.	24 00
30121	12-13-12	Western Electric Co	9 12
30122	10-23-12	F. C. Stechert Co	18 00
30123	9-18-12	Willcox & Gibbs S. M. Co	28 64
30124	1- 2-13	Scott, Foresman & Co	80
30125	1-17-13	F. C. Stechert Co	35 31
30126	10-17-12	Underwood Typewriter Co	30 00
30130	12-18-12	John Wiley & Sons	1 50
30131	12-12-12	Baush & Lomb Optical Co	17 60
30132	11-30-12	The Electric Storage Battery Co., Philadelphia, Pa	14 45
30133	1- 7-13	The Benton Mfg. Co	27 00
30134	1- 4-13	L. E. Knott Apparatus Co	29 38
30135	12-24-12	Henry Lindenmeyer & Sons	11 00
30136	1-23-13	The Kny-Scheerer Co	1 40
30137	11- 2-12	The Shaw, Walker Co	1 80
30138	11-25-12	O. T. Louis Co	21 00
30139	1- 2-13	Funk & Wagnalls Co	3 00
30140	1-15-13	E. Schwartz	7 60
30141	1- 7-13	Patterson, Gottfreid & Hunter, Ltd.	20 43
30142	1-21-13	Montgomery & Co	2 07
30143	3-10-13	Jos. Kessler	1,700 00
30314	12-28-12	Thomas Nelson & Sons	24 00
30315		Thomas Nelson & Sons	12 00
30316	12-28-12	Thomas Nelson & Sons	6 00
30317		Henry G. Opdycke	17 50
30318	2-14-13	American Distilled Water Co.	2 40
30319	2-13-13	Krengel Mfg. Co	54
30320	2-15-13	Henry Moss & Co	20 00
30321	2- 1-13	The Bristol Co	43 00
30322	2- 7-13	Julius Haas' Sons	65 80
30323	1-31-13	Knickerbocker Ice Co	1 53
30324	2-13-13	Krengel Mfg. Co	13 87
30325	2-14-13	Eugene Dietzgen Co	37 30
30326	2- 4-13	The J. W. Pratt Co	4 20
30327	1-23-13	Baker, Voorhis & Co	5 00
30328	1-29-13	Gerry & Murray	11 25
30329	1-31-13	Knickerbocker Ice Co	38
30330	2- 8-13	Hugh D. McCrane	10 00
30331	1-25-13	Krengel Mfg. Co	3 75
30332	1-31-13	Knickerbocker Ice Co	2 28
30333	2- 7-13	Henry Moss & Co	1 26

Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.
30334	1-27-13	Underwood Typewriter Co	1 50
30335	1-31-13	Knickerbocker Ice Co	6 25
30336	1-31-13	Knickerbocker Ice Co	76
30337	1-17-13	American Distilled Water Co.	2 16
30338	1-31-13	Knickerbocker Ice Co	38
30339	1-31-13	Independent Garage Co	57 11
30340	9-14-12	Thomas Malloy	20 00
30341	12-12-12	J. J. Long & Co	139 00
30342	12-14-12	American Elevator Co	70 80
30343	12- 2-12	Flanagan, Fay & Co	13 00
30344	12-31-12	Welsbach Gas Lamp Co	5 39
30345	12-27-12	A. D. Evertsen Co	74 00
30346	12- 7-12	R. Solomon & Son	120 00
30347	9-24-13	Nicholas Nehrbauer, Jr	80 00
30348	2-10-13	Nathan Garber	11 00
30349	2-11-13	Greenhut-Siegel Cooper Co.	12 50
30350	1-31-13	Moses P. Wallace	7 70
30351		Aleita Hopping	6 60
30352		Jenny Clare Heath	2 35
30353		Frances H. Brownell	22 00
30354	1-31-13	The Tabulating Machine Co.	73 50
30355	2- 5-13	Postal Telegraph Co	29
30375	6- 3-12	Ellis A. Gimbel	19 12
30376	9-30-12	Ellis A. Gimbel	48 66
30377	6-10-12	Ellis A. Gimbel	56 37
30378	10-15-12	Houghton-Mifflin Co.	3 17
30379	5-29-12	Ellis A. Gimbel	321 91
30380	5- 9-12, 5-28-12	Ellis A. Gimbel	338 50
30381	5-31-12	Ellis A. Gimbel	418 14
30382	8-29-12	Syndicate Trading Co	39 63
30383	4-12-12	Gimbel Bros.	23 49
30384	1- 4-13	John Wanamaker	13 40
30385	11-30-12	Abraham & Straus	7 44
30386	11-29-12	Abraham & Straus	19 14
30387	9-23-12	The Baker & Taylor Co	17 13
30388	8-29-12	Syndicate Trading Co	2 45
30389	8- 8-12	Chas. Scribner's Sons	9 10
30390	9- 1-12	D. Appleton & Co	64
30391	8- 9-12	American Book Co	29
30392	9-23-12	The Baker & Taylor Co	1 10
30393	9- 9-12	Ginn & Co	54
30394	11- 8-12	John Wanamaker	30 86
30395	11-20-12	John Wanamaker	2 33
30396	11-30-12	Abraham & Straus	15 76
30397	8-29-12	Syndicate Trading Co	68 22
30398	8-29-12	Syndicate Trading Co	57 67
30399	12- 5-12	John Wanamaker	38 73
30400	11-18-12	John Wanamaker	27 49
30401	10-22-12	John Wanamaker	88 01
30402	1- 4-13	John Wanamaker	77 56
30403	7-18-12	American Book Co	30 80
30404	9-20-12	The Baler & Taylor Co	9 06
30405	8-15-12	Education Pub. Co	2 98
30406	7-26-12	Ginn & Co	8 46
30407	9-30-12	Ellis A. Gimbel	133 15
30408	11-30-12	Abraham & Straus	3 25
30409	11-30-12	Abraham & Straus	2 16
30410	6- 7-12	Ellis A. Gimbel	18 09
30411	6- 4-12	Ellis A. Gimbel	380 69
30412	12- 9-12	John Wanamaker	11 35
30413	8-30-12	Syndicate Trading Co	18 18

Finance Voucher No.	Invoice Dates.	Name of Payee.	Amount.
30414	1-30-13	Gerry & Murray	5 00
30415	1-29-13	The J. W. Pratt Co	34 25
30416	2- 6-13	Clarence S. Nathan	27 50
30417	1-16-13	M. J. Tobin	86 20
30418	2- 6-13	Gutenberg Ptg. Co	5 00
30419	1-25-13	Paul Baron	66 05
30420	1-10-13	Arkay Rubber Co	7 38
30421	1-11-13	Eberhard Faber	4 25
30422	1-13-13	Eagle Pencil Co	8 16
30423	1- 8-13	The Globe Ink & Mucilage Co.	63
30424	1-14-13	The Jos. Dixon Crucible Co.	1 74
30425	1-14-13	Richard Best	5 08
30426	1-17-13	Otto G. Smith	3 40
30427	1-27-13	Paul Baron	51 45
30428	1-24-13	The J. W. Pratt Co	42 74
30429	1- 2-13	Paul Baron	4 99
30430	1-29-13	M. B. Brown P. & B. Co	7 00
30431	1-16-13	M. J. Tobin	3 72
30432	1- 2-13	Gutenberg Ptg. Co	18 50
30433	1-17-13	Arkay Rubber Co	14 76
30434	1-17-13	M. J. Tobin	35
30435	1-21-13	Eagle Pencil Co	48
30436	1-25-13	A. S. Landsberg	4 60
30437	1- 4-13	John Wanamaker	5 56
30438	6- 6-12	Ellis A. Gimbel	227 09
30439	6-10-12	Ellis A. Gimbel	24 70
30440	8-26-12	Ellis A. Gimbel	64
30441	1- 2-13	Chas. E. Merill Co	39 38
30442	1- 2-13	Chas. E. Merill Co	180 40
30443	1-11-13	Chas. E. Merill Co	68 00
30444	1- 2-13	Frank D. Beattys & Co	1 36
30445	1- 2-13	Frank D. Beattys & Co	168 14
30446	1- 2-13	Frank D. Beattys & Co	168 00
30447	1- 2-13	Ginn & Co	326 24
30448	1- 2-13	Ginn & Co	2,656 38
30449	1- 2-13	Ginn & Co	331 88
30450	1- 2-13	Benj. H. Sanborn & Co	82 68
30451	1- 3-13	Benj. H. Sanborn & Co	21 96
30452	1- 3-13	Benj. H. Sanborn & Co	23 04
30453	1-11-13	Benj. H. Sanborn & Co	120 80
30454	1- 2-13	Chas. Scribner's Sons	408 68
30455	1-11-13	Chas. Scribner's Sons	141 20
30456	1-15-13	Scott, Foresman & Co	456 80
30457	1-10-13	Scott, Foresman & Co	86 00
30458	1- 2-13	Newson & Co	141 44
30459	1- 2-13	Newson & Co	150 11
30460	1- 2-13	Newson & Co	1,933 74
30461	1- 2-13	Newson & Co	24 36
30462	1- 2-13	Silver, Burdett & Co	37 06
30463	1- 2-13	Silver, Burdett & Co	3,100 01
30464	1- 2-13	Silver, Burdett & Co	383 69
30465	1- 2-13	Silver, Burdett & Co	261 60
20466	1- 2-13	Silver, Burdett & Co	24 36
30467	1- 7-13	American Book Co	293 40
30468	1-17-13	American Book Co	81 04
30469	1-17-13	American Book Co	2,530 84
30470	1-15-13	Longmans, Green & Co	62 00
30471	1- 7-13	Longmans, Green & Co	14 70
30472	1-14-13	Chas. E. Merill Co	982 84

Excise Department.

30073		Thomas F. McAvoy	$650 25
30217		James S. Regan	143 20

Department of Finance.

30147		Walter Wolfe	$448 65
30200		Columbus Hospital	36 00
30201		St. Peter's Hospital	3,891 10
30202		Association for Befriending Children and Young Girls, House of the Holy Family	475 46
30203		Columbus Hospital	945 20
30204		Dominican Convent of Our Lady of the Rosary	9,510 42
30205		German Odd Fellows Home and Orphan Asylum	25 07
30206		Hebrew Infant Asylum of the City of New York	545 21
30207		House of Mercy	302 55
30208		Howard Orphanage and Industrial School	1,403 28
30209		Missionary Sisters, Third Order, St. Francis	7,232 01
30210		Missionary Sisters, Third Order of St. Francis	399 10
30211		Orphan Asylum Society of the City of Brooklyn	983 89
30212		Ottilie Orphan Asylum	468 00
30213		St. Catharine's Hospital	2,633 85
30214		St. Michael's Home	1,789 07
30215		St. Ann's Home for Destitute Children	2,893 21
30216		St. Malachy's Home	7,192 02
30301		Heidelbach, Ickelheimer & Co.	243,600 00

Fire Department.

30148		Joseph Johnson	$300 00

Department of Health.

30357	12- 9-12	John Bellmann	$58 12
30358	12-17-12	Maltzyme Co.	816 00
30359	12-11-12	The Manhattan Supply Co.	38 72
30360	2-14-13	Bausch & Lomb Optical Co.	129 08
30361	1- 2-13	Manhattan Supply Co.	106 39
30362	1- 1-13	John Clark	64 50
30363	1-15-13	Northfield Feed & Grain Co.	111 06
30364	1-31-13	Sulzberger & Sons Co.	1,630 39
30365	1-31-13	Knickerbocker Ice Co.	102 24
30366	2-28-13	Aaron Buchsbaum Co.	3,016 46
30367	2-28-13	Conron Bros. & Co.	548 60
30368	12-12-12	The Atlantic Hotel Supply Co.	3,530 54
30639	2-28-13	Sheffield Farms	1,007 88
30370	2-28-13	Conron Bros. & Co.	1,027 74
30371	2-28-13	Conron Bros. & Co.	1,001 42
30372	2-28-13	Shults' Bread Co.	649 50
30373	1-10-13	Thos. M. Blake	328 20
30374	2-20-13	McHarg, Barton & Co.	15,600 19

Law Department.

30269	2- 8-13	Tower Mfg. & Novelty Co.	$4 50
30270	3- 3-13	W. S. Davis	12 00
30271	3-13-13	Tower Mfg. & Novelty Co.	39 39
30272	2-20-13	Tower Mfg. & Novelty Co.	4 13
30273	3- 1-13	W. C. Wilson	9 80
30274	1- 4-13	U. S. Telephone Supply Co.	15 00
30275	3- 3-13	W. S. Davis	3 50
30277	3-10-13	D. Van Nostrand Co.	3 35
30376	2- 1-13	Norman L. Coe & Son	34 00
30490	3-15-13	P. B. Sheridan	20 50
30491	3-14-13	B. Sterling Bottome	23 00
30492	3-13-13	Henry L. Davis	2 50
30493	3- 8-13	George Kemp	60 80
30494		Archibald R. Watson	500 00

Mayor's Office.

30486		N. Y. Telephone Co.	$9 06
30487	3-12-13	New York Stencil Works	56 25
30488	3-13-13	Tower Mfg. & Novelty Co.	12 20

Department of Parks.

30162	1-31-13	N. Y. Tel. Co.	$56 31
30163		Walter G. Eliot	150 00
30164		Walter G. Eliot	54 08
30165	2-26-13	Eugene Dietzgen Co.	136 00
30166	3- 7-13	The Long Island Hardware Co.	37 50
30167	2-14-13	Chas. D. Smith	249 99
30168	11-14-12	Topping Bros.	87 80
30169	2- 1-13	The Manhattan Supply Co.	316 94
30170	2- 7-13	Manhattan Auto Parts & Lamp Works Co.	2 00
30171	12-31-12	Henry Romeike, Inc.	5 26
30172	1-29-13	Waterloo Gasoline Engine Works	225 00
30173	2- 1-13	Art Metal Const. Co.	121 80
30174	3- 1-13	Home Coal Co	54 00
30175	2-17-13	Home Coal Co	326 25
30176	2-15-13	The MacMillan Co	19 00
30177	2-28-13	Stumpp & Walter Co	24 50
30178	2-18-13	Indian Refining Co	37 50
30179	1-21-13	U. S. Industrial Alcohol Co.	20 20
30180	2-25-13	John A. Scollay	42 00
30181	2-27-13	Chas. E. Miller	22 50
30182	2- 4-13	U. S. Tire Co	24 99
30183	12-12-12	Abbott Detroit Motor Co.	11 93
30184	1-31-13	Peerless Motor Car Co.	90 81
30185	2-24-13	Manhattan Auto Parts & Lamp Works Co.	7 50
30186	2-14-13	Livingston Radiator & Mfg. Co.	10 75
30187	3- 1-13	U. S. Tire Co	24 99
30188	3- 4-13	Eugene Dietzgen Co	8 28
30189	2-26-13	N. Y. Blue Print Paper Co.	34 50
30190	2-17-13	Doering Bros.	7 48
30191	2-11-13	Topping Bros.	4 62
30192	2-28-13	A. H. Hews & Co	123 50
30193	2-23-13	Chas. Crabbe	27 20
30194	2- 7-13	Meurer Bros. & Co	99 38
30195	2-19-13	Flintkote Mfg. Co	33 25
30196	2- 1-13	Grochola & Kuskowski	6 00
30197	2- 1-13	Geo. W. Benham, A. and W.	37 50
30198	2- 1-13	Jas. Mulligan	24 00
30199	3- 1-13	Jas. Mulligan	20 00

Police Department.

30261		Police Pension Fund	$0 73

President of the Borough of Manhattan.

30262		Nicholas Proscia	$2 33
30263		The Holtz & Freystedt Co.	15 00
30264		Nicholas Proscia	1 52
30265		George Smith	75
30266		Samuel Martin	6 00
30267		Wm. A. Prendergast	2,685 50

President of the Borough of Brooklyn.

30480		Joseph J. Shey	$7 15
30481		Joseph J. Shey	9 65
30482		John J. Callahan	8 95
30483		John J. Callahan	7 85
30484		A. B. Nicholas	4,466 67

Department of Public Charities.

30278	12-31-12	Bloomingdale Bros.	$936 28
30279	3- 1-13	B. Diamond	1,062 00
30280	2-27-13	Armour & Co	107 52
30281	2-28-13	Jacob Boss	364 18
30282	2-25-13	Burton & Davis Co	154 19
30283	1-27-13	John Bellmann	338 98
30284	3- 1-13	Bleecker & Simons	296 43
30285	2-18-13	Copland, Raymond Co	2,745 36
30286	1-22-13	Lewis De Groff & Son	1,440 42
30287	2-26-13	J. F. Gylsen	266 07
30288	1-31-13	Martin Kelly & Co	1,149 01
30289	1-31-13	Robt. P. Lawless	288 15
30290	2-28-13	Robt. P. Lawless	342 91
30291	2-20-13	Chas. Henry Mattlage	205 52
30292	2-18-13	The Manhattan Supply Co.	1,012 10
30293	2-18-13	Sulzberger & Sons Co	648 99
30294	2-26-13	J. D. Stout & Co	162 69
30295	2-15-13	Washburn, Crosby Co	2,509 74
30296	2-28-13	Conron Bros. & Co	636 84
30297	2-28-13	Conron Bros. & Co	6,283 78
30298	1-25-13	Pattison & Bowns	2,827 73
30299	1- 3-13	Pattison & Bowns	6,414 38
30300		Luke A. Burke & Son Co., Inc.	28,264 34

Sheriff, New York County.

30110	2-28-13	N. Y. Tel. Co	$97 17
30111	2- 6-13	Strauss Bros.	4 78
30257	3-10-13	P. McDonald	25 00
30258	3-14-13	Public Service Cup	8 00
30259	3-12-13	Wm. Farrell & Son	84 00
20260	3-12-13	Wm. Farrell & Son	84 00

Sheriff, Kings County.

30150		Albert B. Waldron	$1 00
30149		Arthur R. Seward	7 30

Department of Street Cleaning.

30473		William H. Edwards	$2,537 68
30474		William H. Edwards	752 77
30475		William H. Edwards	5,052 49
30477		William H. Edwards	76
30478	11-30-12	N. Y. Tel. Co	483 79
30479		John J. O'Brien	16 45
30495	11-27-12	Hemment	30 00
30496	9-23-12	James S. Barron & Co	43 08
30497	1- 13	James S. Barron & Co	128 00
30498	12- 7-12	A. W. Fitzgibbon	322 30
30499	10-17-12	The New York Edison Co	5 16
30500	6-17-12	Lehn & Fink	2 40
30501	12-31-12	Mittnacht & Co	15 00
30502	5- 9-12	Jimball Elec. Constr. Co	34 00
30503	1-10-13	S. Glucksman	2 00
30504	11-29-12	John W. Sullivan	881 23
30505	12-31-12	The Akron Rubber Tire Co.	115 00
30506	12-31-12	Madison Garage	70 00
30507	12-31-12	Municipal Garage	18 07
30508	11-30-12	Prospect Taxi Co	25 00
30509	12-30-12	Curtis-Blaisdell Co	15 12
30510	11-26-12	H. L. Herbert & Co	123 30
30511	2-12-13	The White Co	144 83
30512	2- 7-13	Prospect Taxi Co., Inc	111 00
30513	2- 2-13	Woodstock Garage	6 00
30514	12-31-12	Welsbach Gas Lamp Co	1 20

Surrogates' Court, New York County.

30308	2-28-13	Knickerbocker Towel Supply Co.	$20 00
30309	2- 6-13	Remington Typewriter Co	72 90
30310	2-27-13	Arthur Mountain & Co	150 00
30311	3- 1-13	George C. Flint Co	127 50
30312	2-11-13	Underwood Typewriter Co., Inc.	53 03

Tenement House Department.

30485		John J. Murphy	$500 00

United States Volunteer Life Saving Corps.

30074	3- 1-13	Chas. E. Raynor	$10 42
30075	3- 1-13	Fred. Mills	6 00
30076	3- 1-13	W. E. Longfellow	11 90
30078	3-10-13	Patterson Bros.	11 75
30079	3- 7-13	F. O. Pierce Co	7 70
30077	3- 7-13	Kalt Lumber Co	19 09
30080	3- 7-13	Daly's Manhattan Express	11 25
30081	2-28-13	N. Y. Tel. Co	8 06
30082	3-10-13	Allen R. Skidmore	50
30083		E. E. Palmer	73 00

LAW DEPARTMENT.

Statement and Return of Moneys Received by the Bureau for the Recovery of Penalties, for the Month of February, 1913, Rendered to the Comptroller, in Pursuance of Sections 259 and 1550 of Chapter 378 of the Laws of 1897, as amended by Chapter 466, Laws of 1901.

Date. 1913.	What For.	Collections and Penalties.	Costs.	Total Amount.
Feb. 1	Violation Corporation Ordinances	$40 00	$2 00	$42 00
Feb. 1	In the matter of the Commissioner of Public Charities vs. Frederick Andreas, Valentine Andreas and Charles Bang	10 00	.....	10 00
Feb. 1	Violation Fire Law	90 00	5 00	95 00
Feb. 3	Violation Corporation Ordinances	105 00	8 00	113 00
Feb. 3	In the matter of the Commissioner of Public Charities vs. Max Porges	8 00	.....	8 00
Feb. 3	In the matter of the Commissioner of Public Charities vs. Freeman Powell and Wilhelmina Johnstone	50 00	.....	50 00
Feb. 3	In the matter of the Commissioner of Public Charities vs. John Schulken	12 00	.....	12 00
Feb. 3	In the matter of the Commissioner of Public Charities vs. Irving Robinson and Benjamin Robinson	38 50	.....	38 50
Feb. 3	In the matter of the Commissioner of Public Charities vs. Samuel Willens and I. William Harris	10 00	.....	10 00
Feb. 3	Violation Fire Law	5 00	.....	5 00
Feb. 4	Violation Corporation Ordinances	85 00	14 00	99 00
Feb. 4	In the matter of the Commissioner of Public Charities vs. Nicholas Bozza and Ethel Austen	15 00	.....	15 00
Feb. 4	In the matter of the Commissioner of Public Charities vs. Nathan Mayer	6 00	.....	6 00
Feb. 4	In the matter of the Commissioner of Public Charities vs. Max Moltz and Lena Moltz	3 00	.....	3 00

DAMAGED PAGE(S)

Date.	What For.	Collections and Penalties.	Costs.	Total Amount.
Feb. 4	In the matter of the Commissioner of Public Charities vs. George Turner	2 00	.....	2 00
Feb. 4	Violation Fire Law	5 00	.....	5 00
Feb. 5.	Violation Corporation Ordinances	50 00	8 00	58 00
Feb. 5	In the matter of the Commissioner of Public Charities vs. Michael Selzer, Mennziato Ferlenzo and Abraham Movass	12 00	.....	12 00
Feb. 6	Violation Corporation Ordinances	70 00	4 00	74 00
Feb. 6	In the matter of the Commissioner of Public Charities vs. Theodore Morris, John J. Bogert and Ciro Liquori	10 00	.....	10 00
Feb. 6	Violation Fire Law	20 00	.....	20 00
Feb. 7	Violation Corporation Ordinances	45 00	2 00	47 00
Feb. 7	In the matter of the Commissioner of Public Charities vs. Leib Rosenzweig and Joseph Fass	12 00	.....	12 00
Feb. 8	Violation Corporation Ordinances	60 00	.....	60 00
Feb. 8	Violation Fire Law	10 00	.....	10 00
Feb. 10	Violation Corporation Ordinances	45 00	2 00	47 00
Feb. 10	In the matter of the Commissioner of Public Charities vs. Samuel Willens and I. William Harris	10 00	.....	10 00
Feb. 10	In the matter of the Commissioner of Public Charities vs. Jeremiah Anglin, Mary Anglin and Helen Anglin	2 00	.....	2 00
Feb. 10	In the matter of the Commissioner of Public Charities vs. Max Porges	8 00	.....	8 00
Feb. 10	In the matter of the Commissioner of Public Charities vs. James Riccardi	75 00	.....	75 00
Feb. 10	In the matter of the Commissioner of Public Charities vs. Edward Lattier	300 00	.....	300 00
Feb. 10	Violation Fire Law	5 00	.....	5 00
Feb. 10	In the matter of the Commissioner of Public Charities vs. George Hansen and Grace Butler	21 00	.....	21 00
Feb. 11	Violation Corporation Ordinances	85 00	2 00	87 00
Feb. 11	In the matter of the Commissioner of Public Charities vs. John Degnan, Margaret Muldon and Margaret Degnan	2 25	.....	2 25
Feb. 11	Violation Fire Law	55 00	.....	55 00
Feb. 13	Violation Corporation Ordinances (judgment, $64)	85 00	12 00	161 00
Feb. 13	In the matter of the Commissioner of Public Charities vs. Reuben Craft	4 00	.....	4 00
Feb. 13	In the matter of the Commissioner of Public Public Charities vs. Max Moltz and Lena Moltz	3 00	.....	3 00
Feb. 13	In the matter of the Commissioner of Public Charities vs. Harry Kornhauser and Eva Beller	24 00	2 00	26 00
Feb. 13	Violation Fire Law	50 00	7 00	57 00
Feb. 14	Violation Corporation Ordinances	5 00	2 00	7 00
Feb. 14	In the matter of the Commissioner of Public Charities vs. Jesse Reynolds, Joseph W. Duffy and Benjamin C. Reynolds	15 00	.....	15 00
Feb. 15	Violation Corporation Ordinances	10 00	4 00	14 00
Feb. 15	In the matter of the Commissioner of Public Charities vs. Maurice Weinstock	30 00	.....	30 00
Feb. 17	In the matter of the Commissioner of Public Charities vs. Frank C. Granerci	7 00	.....	7 00
Feb. 17	In the matter of the Commissioner of Public Charities vs. Max Porges	8 00	.....	8 00
Feb. 17	Violation Fire Law	5 00	.....	5 00
Feb. 18	Violation Corporation Ordinances	110 00	4 00	114 00
Feb. 18	In the matter of the Commissioner of Public Charities vs. Jeremiah Anglin, Mary Anglin and Helen Anglin	2 00	.....	2 00
Feb. 18	In the matter of the Commissioner of Public Charities vs. Broehhop Aggres	100 00	.....	100 00
Feb. 18	Violation Fire Law	125 00	.....	125 00
Feb. 19	Violation Corporation Ordinances	20 00	10 00	30 00
Feb. 19	In the matter of the Commissioner of Public Charities vs. Max Moltz and Lena Moltz	3 00	.....	3 00
Feb. 19	In the matter of the Commissioner of Public Charities vs. Gabriel DeMartino, Raphael Vanasore and Matholo Molesci	5 00	.....	5 00
Feb. 19	Violation Fire Law	15 00	.....	15 00
Feb. 20	Violation Corporation Ordinances	120 00	.....	120 00
Feb. 20	In the matter of the Commissioner of Public Charities vs. Tony Lapreto and Oreste Marianni	44 00	.....	44 00
Feb. 20	In the matter of the Commissioner of Public Charities vs. Joe Dzianer	125 00	.....	125 00
Feb. 20	Violation Fire Law	100 00	.....	100 00
Feb. 21	Violation Corporation Ordinances	25 00	.....	25 00
Feb. 21	In the matter of the Commissioner of Public Charities vs. Samuel Willens and I. William Harris	8 00	.....	8 00
Feb. 21	In the matter of the Commissioner of Public Charities vs. Alphonse Cahn	5 00	.....	5 00
Feb. 21	In the matter of the Commissioner of Public Charities vs. Alten Rosenblum and Theodore Conovich	15 00	.....	15 00
Feb. 21	Violation Fire Law	35 00	.....	35 00
Feb. 24	Violation Corporation Ordinances	35 00	9 50	44 50
Feb. 24	In the matter of the Commissioner of Public Charities vs. Charles Lush, Robert C. Lush and Mary Lush	30 00	.....	30 00
Feb. 24	In the matter of the Commissioner of Public Charities vs. Max Porges	8 00	.....	8 00
Feb. 24	In the matter of the Commissioner of Public Charities vs. Alten Rosenblum and Theodore Conovich	21 00	2 00	23 00
Feb. 24	In the matter of the Commissioner of Public Charities vs. Nicholas Bozza and Ethel Austen	10 00	.....	10 00
Feb. 24	Violation Fire Law	10 00	.....	10 00
Feb. 25	Violation Corporation Ordinances (judgment, $90.40)	135 00	9 00	234 40
Feb. 25	In the matter of the Commissioner of Public Charities vs. Joseph McLean, William J. Riordan and Mary McLean	3 00	.....	3 00
Feb. 25	Violation Fire Law	30 00	.....	30 00
Feb. 26	Violation Corporation Ordinances	90 00	13 00	103 00
Feb. 26	In the matter of the Commissioner of Public Charities vs. Isidor Kaiser, Nathan Becker and Philip Kaplan	10 00	.....	10 00
Feb. 26	Violation Fire Law	30 00	.....	30 00
Feb. 27	Violation Corporation Ordinances	50 00	6 50	56 50
Feb. 27	In the matter of the Commissioner of Public Charities vs. Joseph Marrone and John Marrone	25 00	.....	25 00
Feb. 27	In the matter of the Commissioner of Public Charities vs. Thomas T. Butler, Joshua Turrie and William Bryant	25 00	.....	25 00
Feb. 27	In the matter of the Commissioner of Public Charities vs. Frances Sullivan	200 00	.....	200 00
Feb. 27	In the matter of the Commissioner of Public Charities vs. George R. Purvis and Mary R. Purvis	33 00	.....	33 00
Feb. 27	In the matter of the Commissioner of Public Charities vs. James Fisher	200 00	.....	200 00
Feb. 27	Violation Fire Law	65 00	.....	65 00
Feb. 28	Violation Corporation Ordinances	28 00	5 09	33 09
Feb. 28	In the matter of the Commissioner of Public Charities vs. Bernard Del Re	250 00	.....	250 00
Feb. 28	In the matter of the Commissioner of Public Charities vs. Edward Murray	215 00	.....	215 00
Feb. 28	In the matter of the Commissioner of Public Charities vs. Anton Opaletshi	150 00	.....	150 00
Feb. 28	In the matter of the Commissioner of Public Charities vs. Anton Opaletshi	150 00	.....	150 00
Feb. 28	Violation Fire Law	100 00	.....	100 00

Total amount collected		$4,675 24
Amount paid to Commissioner of Public Charities in abandonment and bastardy cases	$2,334 75	
Amount paid to Fire Commissioner, penalties collected for violation of laws relating to Fire Department	755 00	
		3,089 75
Balance due The City of New York		$1,585 49

HERMAN STIEFEL, Assistant Corporation Counsel.

Department of Public Charities.

Synopsis of proceedings of the department for the week ending March 8, 1913:

Communications were received from heads of institutions reporting meats, milk, fish, etc., as of good quality and up to standard.

Changes in the Service During the Week.

Appointed—March 3, Helen Annan, Trained Nurse, Metropolitan Training School, $600; March 7, Thomas Barton, Carpenter (temporarily for about 30 days), Bureau of Mechanics, $5 per day; March 1, Elizabeth Bohan, Hospital Helper, City Home, Blackwells Island, $240; February 24, Ellsworth Boyer, Hospital Helper, City Hospital, $180; February 25, Aidan E. Breen, Hospital Helper, Metropolitan Training School, $180; March 1, James Carroll, Hospital Helper, Kings County Hospital, $240; February 18, George Clark, Hospital Helper, City Hospital, $240; February 27, Patrick Cloughessy, Fireman (temporary emergency), Randalls Island, $3 per day; March 4, Margaret Clarke, Hospital Helper, Metropolitan Training School, $180; February 24, Michael Coakley, Hospital Helper, City Hospital, $180; February 24, Richard Connor, Hospital Helper, Kings County Hospital, $240; March 10, Emma Coyle, Hospital Helper, Central Office, Brooklyn, $480; March 3, Dennis A. Downing, Clerk, Bureau of Dependent Adults, Manhattan, $600; February 21, Charles E. Eberhard, Hospital Helper, City Home, Brooklyn, $240; February 26, Patrick G. Fallon, Hospital Helper, City Home, Brooklyn, $240; March 5, Catherine Fisher, Hospital Helper, Metropolitan Training School, $180; March 1, Bernard Fitzpatrick, Hospital Helper, Metropolitan Training School, $180; February 25, Thos. Flynn, Hospital Helper, City Home, Brooklyn, $192; March 1, Anna M. Gebhardt, Trained Nurse, Kings County Hospital, $600; February 25, Agnes Golden, Hospital Helper, City Hospital, $180; March 1, Jennie Goodman, Hospital Helper, City Home, Blackwells Island, $240; February 18, Richard Harnett, Hospital Helper, City Hospital, $180; March 1, Fred Hawthorne, Hospital Helper, Coney Island Hospital, $180; February 24, Joseph Howard, Hospital Helper, City Home, Brooklyn, $216; February 26, Martin F. Hynds, Hospital Helper, Metropolitan Training School, $180; March 1, John Kelly, Hospital Helper, Metropolitan Training School, $180; March 1, Michael Leahey, Hospital Helper, Metropolitan Hospital, $180; March 1, Louis Lipman, Clerk, Central Office, Manhattan, $600; February 24, William Long, Hospital Helper, Metropolitan Training School, $180; March 4, Hugh Lynch, Hospital Helper, Metropolitan Training School, $180; February 1, Thomas Maloney, Hospital Helper, City Hospital, $180; February 26, Martha Miller, Hospital Helper, City Hospital, $240; March 1, John McDonald, Hospital Helper, Metropolitan Training School, $180; March 3, Thomas McElroy, Hospital Helper, Kings County Hospital, $240; March 1, Hugh McMahon, Hospital Helper, Storehouse, $360; February 24, Thomas Neeson, Hospital Helper, Cumberland Street Hospital, $240; March 5, Rose O'Donnell, Trained Nurse, City Home, Blackwells Island, $600; March 3, Lizzie Pendleton, Hospital Helper, Metropolitan Training School, $180; March 1, Arthur Reynolds, Clerk, Randalls Island, $600; March 1, William H. Stein, Hospital Helper, Metropolitan Training School, $180; March 2, Marie E. St. Louis, Hospital Helper, Metropolitan Training School, $180; February 17, Helen G. Usher, Assistant Dietitian, City Hospital, $600; March 1, Olga S. Woodruff, Trained Nurse, Metropolitan Training School, $600.

Resigned—March 4, Ethel Bennett, Trained Nurse, City Home, Blackwells Island; February 28, Delia Campbell, Hospital Helper, Farm Colony; February 28, Annie Carr, Hospital Helper, City Home, Blackwells Island; March 4, James Clougher, Hospital Helper, Metropolitan Training School; March 4, John A. Derham, Registrar, Bureau of Dependent Adults, Brooklyn; March 5, Joseph L. Desmond, Hospital Helper, Metropolitan Hospital; March 1, John F. Downey, Hospital Helper, Kings County Hospital; March 2, John J. Dugan, Hospital Helper, Coney Island Hospital; February 26, Patrick Fallon, Hospital Helper, City Home, Brooklyn; February 28, Anna M. Foley, Hospital Helper, Metropolitan Hospital; March 1, Margaret Higgins, Hospital Helper, Metropolitan Training School; February 28, Mary Kelleher, Hospital Helper, Kings County Hospital; March 1, John C. Kelly, Hospital Helper, Kings County Hospital; March 1, Margaret Kelly, Hospital Helper, Metropolitan Training School; March 3, Nora Kirwin, Hospital Helper, Metropolitan Training School; February 9, Robert Luckro, Hospital Helper, Randalls Island; February 28, Catherine Moore, Hospital Helper, Kings County Hospital; February 28, Charles McCaffrey, Hospital Helper, Kings County Hospital; March 1, John McCartin, Hospital Helper, Metropolitan Training School; March 1, Susie McCloskey, Trained Nurse, Metropolitan Training School; February 20, Thomas McKenna, Hospital Helper, Kings County Hospital; March 4, Delia O'Brien, Hospital Helper, Metropolitan Training School, March 4, Julia O'Connor, Hospital Helper, Metropolitan Hospital; February 18, Wm. Pixton, Hospital Helper, City Hospital; March 2, Patrick J. Reid, Hospital Helper, Kings County Hospital; February 17, Thos. Richards, Hospital Helper, City Hospital; March 3, Thomas J. Shay, Hospital Helper, Coney Island Hospital; February 28, Joseph Sladwick, Hospital Helper, Randalls Island; March 1, Archibald Stewart, Hospital Helper, Metropolitan Training School; February 28, Edward Wells, Hospital Helper, Metropolitan Hospital; March 1, Augusta M. Witt, Trained Nurse, Metropolitan Training School.

Dropped—March 3, Dennie Ahearn, Hospital Helper, Metropolitan Training School; February 18, Charles Brennan, Hospital Helper, City Home, Brooklyn; March 2, Delia Carney, Hospital Helper, Metropolitan Training School; February 1, Wm. T. Carolin, Hospital Helper, Randalls Island (dropped for 14 days); February 22, Laura Carter, Hospital Helper, Kings County Hospital; February 28, Henry Clay, Hospital Helper, Farm Colony; February 28, Patrick Cloughessy, Fireman, Randalls Island (services no longer required); February 28, Anna Corcoran, Hospital Helper, Kings County Hospital; February 24, Mary Doyle, Hospital Helper, City Hospital; February 23, Michael Driscoll, Hospital Helper, City Hospital; February 24, Charles E. Eberhard, Hospital Helper, City Home, Brooklyn; February 26, George L. Glennon, Stoker (Licensed Fireman), Randalls Island (dropped 3 days, illness); February 26, Peter Handibald, Engineer, City Hospotal (end of temporary appointment); February 28, Catherine Hungerford, Hospital Helper, Coney Island Hospital; February 23, James Kelly, Hospital Helper, City Hospital; February 23, Frank Kernan, Hospital Helper, Blackwells Island Stables; March 3, John Molloy, Stoker, Metropolitan Hospital (end of temporary

l; February 27, James Mc-
spital Helper, Kings County
ebruary 20, Thomas McGuin-
spital Helper, Kings County Hos-
ebruary 23, Peter McMahon, Hos-
Helper, Kings County Hospital;
arch 4, Ann Purtell, Hospital Helper, Metropolitan Training School; February 24, John Sheehy, Hospital Helper, Kings County Hospital; March 3, Mary Smith, Hospital Helper, Kings County Hospital; February 17, Patrick Sullivan, Hospital Helper, City Hospital; February 28, Helen Wallace, Hospital Helper, Randalls Island; February 18, Bertha Weinrib, Hospital Helper, City Hospital; February 20, William Wilson, Hospital Helper, Kings County Hospital; March 1, Olga S. Woodruff, Trained Nurse, Metropolitan Training School.

Promoted—March 1, Michael Caslin, Hospital Helper, Metropolitan Training School, $180 to $240; March 1, John S. Craus, Hospital Helper, City Home, Blackwells Island, $120 to $180; March 1, Bernard Finley, Hospital Helper, Bureau of Dependent Adults, Manhattan, $300 to $360; March 1, Mildred L. Frear, Pupil Nurse, Metropolitan Training School, $144 to $180; March 5, Mary Frederick, Hospital Helper, $180 to $240; February 21, Harry Graue (was Crane), Hospital Helper, Kings County Hospital, $120 to $180; March 1, Richard Hefferman, Hospital Helper, City Home, Blackwells Island, $150 to $240; February 1, William H. Houlahan, Hospital Helper, City Hospital, $300 to $360; March 1, Irene Lamarche, Pupil Nurse, Metropolitan Training School, $144 to $180; March 1, Jeremiah Mahoney, Hospital Helper, Metropolitan Hospital, $180 to $240; February 1, Edward Marnell, Hospital Helper, Kings County Hospital, $180 to $300; February 20, Frank P. Murphy, Hospital Helper, Kings County Hospital, $240 to $300; March 1, John McKenna, Hospital Helper, Metropolitan Hospital, $120 to $180; March 1, George McLaughlin, Hospital Helper, City Home, Blackwells Island, $120 to $180; February 8, George Pierce, Hospital Helper, City Hospital, $240 to $300; March 4, Harry W. Porter, Hospital Helper, Coney Island Hospital, $240 to $480; February 1, Harry Rohan, Hospital Helper, City Hospital, $240 to $300; March 3, Joseph Scalzo, Hospital Helper, Coney Island Hospital, $300 to $480; March 2, William Wiemann, Hospital Helper, Kings County Hospital, $300 to $360.

Decreased—March 1, Margaret Dockery, Hospital Helper, Coney Island Hospital, $180 to $144; March 1, Sarah Flynn, Hospital Helper, Coney Island Hospital, $216 to $180; February 7, James Kelly, Hospital Helper, City Hospital, $300 to $240.

Leave Granted—February 1, Margaret V. Cotter, Trained Nurse (Head), Kings County Hospital; March 5, Rachel Johnson, Trained Nurse, Bureau of Dependent Adults, Manhattan; March 1, Ernest Massa, Carpenter, Mechanical Bureau; February 13, Margaret McDonald, Hospital Helper, Kings County Hospital; March 1, Sarah Pearl, Hospital Helper, Kings County Hospital; February 13, Josephine Renaldo, Hospital Helper, Kings County Hospital; February 13, Margaret Sullivan, Hospital Helper, Kings County Hospital.

Title Changed—March 1, E. D. Driscoll, Apothecary to Pharmacist, Randalls Island, $900; George Eschenbach, Apothecary to Pharmacist, General Drug Department, $1,050; Henry L. Goetting, Apothecary to Pharmacist, Coney Island Hospital, $900; William Jones, Apothecary to Assistant Pharmacist, Farm Colony, $720; David Levy, Apothecary to Pharmacist, Cumberland Street Hospital, $900; John A. McLachlan, Apothecary to Pharmacist, General Drug Department, $1,050; George W. Seelig, Apothecary to Pharmacist, General Drug Department, $1,050; Wm. Seelig, Apothecary to Pharamacist, General Drug Department, $1,500.

J. McKEE BORDEN, Secretary.

Fire Department.

Abstract of Transactions from February 24 to March 1, 1913.

February 24.

Reinstated, to Take Effect 8 a. m. February 25, 1913—Arthur A. Finnigan as Fireman, First Grade, Engine Co. 35, at rate of $1,400 per annum, pursuant to the provisions of section 1543a of the Greater New York Charter.

Fires Reported, Week Ending February 22, 1913—Manhattan, Bronx and Richmond, 183; Brooklyn and Queens, 88.

Bills Audited—Manhattan, Bronx and Richmond: Schedule 21 of 1912, contracts, $12,584.18; schedule 21 of 1912, miscellaneous, $1,230.38; schedule 22 of 1912, miscellaneous, $25.

February 25.

Opening of Proposals—For furnishing and delivering two five-ton gasoline motor trucks, The White Co., 62d st. and Broadway, Manhattan, $8,500; for furnishing and delivering sundry supplies, 39 bids were received and ordered to be tabulated. Award of contracts deferred.

Advancements in Grade.

To take effect at 8 a. m. on dates specified:

Second to First Grade, March 3, 1913—Daniel S. Long, Engine Co. 18; Louis C. E. Martins, Engine Co. 18; John A. Ewing, Engine Co. 19; Alexander Fraser, Engine Co. 30; Edward A. McAvoy, Engine Co. 31; William P. Murphy, Engine Co. 39; Patrick D. McCarthy, Engine Co. 33; Dennis C. Schmitt, Engine Co. 208; John A. Conlin, Engine Co. 210; George V. Horne, Engine Co. 218; Marion McGibney, Engine Co. 222; Charles P. Hearon, Engine Co. 228; John C. Gross, Engine Co. 233; John A. White, Hook and Ladder Co. 4; John S. Ward, Hook and Ladder Co. 21; Joseph Maraglino, Hook and Ladder Co. 28; George Stepat, Hook and Ladder Co. 40; William A. Reilly, Hook and Ladder Co. 105; Ferdinand A. Beyer, Hook and Ladder Co. 108; John Keeley, Hook and Ladder Co. 118.

Second to First Grade, March 4, 1913—Thomas Egan, Engine Co. 5.

Fourth to Third Grade, March 4, 1913—Daniel J. Sullivan, Engine Co. 7; John F. Ring, No. 2, Engine Co. 13; Joseph W. McMahon, Engine Co. 20; Bela J. Varga, Engine Co. 30; James J. Skelly, Jr., Engine Co. 31; John A. Coffey, Engine Co. 33; Harry Monsky, Engine Co. 72; Irving W. Upton, Engine Co. 202; William M. Geary, Engine Co. 205; George F. Molloy, Engine Co. 207; Bernhardt Schumacher, Engine Co. 224; George Schell, Engine Co. 226; William L. Berger, Engine Co. 269; Henry D. Bell, Hook and Ladder Co. 2; Walter S. Thompson, Hook and Ladder Co. 3; Joseph L. Melody, Hook and Ladder Co. 24; John J. Marshall, Hook and Ladder Co. 39; Edward J. Cassidy, Hook and Ladder Co. 108.

Fourth to Third Grade, March 7, 1913—Felix J. Murray, Engine Co. 2.

Second to First Grade, March 10, 1913—Ernest L. Reed, Engine Co. 203.

Second to First Grade—March 25, 1913—William Vanderbeck, Hook and Ladder Co. 40.

Second to First Grade, March 28, 1913—Francis A. Cobb, Engine Co. 221.

Third to Second Grade, March 29, 1913—Harry W. Wandelt, Engine Co. 12; P. F. M. Kuveke, Engine Co. 21; James J. Connelly, Engine Co. 26; James Simonetti, Engine Co. 27; Charles Kuhn, Engine Co. 30; Geo. McC. Myers, Engine Co. 31; Frank Leuck, Engine Co. 40; Barnet W. Schulman, Engine Co. 153; Edward Taylor, Jr., Engine Co. 204; Thomas J. Regin, Engine Co. 209; John J. A. Fagan, Engine Co. 235; Arthur F. Doran, Engine Co. 276; Charles Wilson, Hook and Ladder Co. 6; Edw. F. McGaffney, Hook and Ladder Co. 7; Rudolph W. Weise, Hook and Ladder Co. 8; Thomas H. Malkin, Hook and Ladder Co. 9; Max Muller, Hook and Ladder Co. 18; Chris. D. Hoffman, Hook and Ladder Co. 21; John Broderick, Hook and Ladder Co. 26; John A. Kelly, Hook and Ladder Co. 35; Joseph Maher, Hook and Ladder Co. 108; Michael J. Blake, Hook and Ladder Co. 124.

Dismissed—To take effect 8 a. m. February 26, 1913: Telegraph Operator Timothy S. Mahoney, Bureau of Fire Alarm Telegraph, Brooklyn and Queens, for carelessness, negligence and neglect of duty (tried January 14, 1913) and for carelessness (tried February 13 and 20, 1913).

February 26.

The following penalty was imposed as the result of trial held this day: Fireman Joseph V. Bruton, Hook and Ladder Co. 31, for absence without leave, one day's pay.

Promoted—To take effect 9 a. m. February 20, 1913: Second Grade Clerk James J. Reilly, office of Commissioner, Manhattan, Bronx and Richmond, to be Third Grade Clerk therein at rate of $1,200 per annum.

Retired—To take effect 8 a. m. March 1, 1913: Captain Eugene H. Foley, Engine Co. 52, on annual pension of $1,250; to take effect 8 a. m. March 3, 1913, Chief of 42d Battalion John J. Donohue on annual pension of $1,650.

Dropped from the Rolls—To take effect 8 a. m. February 27, 1913: Probationary Fireman Theodore L. Beer, Engine Co. 13, for five days' unexplained absence without leave.

Designation of Compensation—To take effect from 9 a. m. February 1, 1913: Stenographer and Typewriter George Van Valkenburg, Bureau of Fire Prevention, Manhattan, Bronx and Richmond, at rate of $1,050 per annum; to take effect 8 a. m. February 26, 1913, Telegraph Operator Daniel J. Avon, Bureau of Fire Alarm Telegraph, Manhattan, at rate of $1,500 per annum, with transfer to payroll of said bureau, Boroughs of Brooklyn and Queens.

Contract Awarded (Public Letting February 25, 1913)—To The White Co., 62d st. and Broadway, Manhattan, for furnishing and delivering two five-ton gasoline motor trucks for towing disabled apparatus, $8,500.

Bills Audited, Manhattan, Bronx and Richmond—Schedule 15 of 1913, open market orders, $4,402.39; schedule 16 of 1913, open market orders, $1,240.86; schedule 17 of 1913, open market orders, $2,160.77; schedule 22 of 1913, contracts, $11,343.09; schedule 24 of 1913, miscellaneous, $316.28.

February 27.

Appointed—To take effect 8 a. m. February 28, 1913: The following named Probationary Firemen to be Fourth Grade Firemen at rate of $1,000 per annum, each with assignment as specified: Albert Rohe, Engine Co. 2; James Rutledge, Engine Co. 3; Edward J. Kearnev. Engine Co. 7; Daniel J. Cucurullo, Engine Co. 14; William Sohn, Engine Co. 15; John J. Donohue, Engine Co. 17; Arthur E. Hills, Engine Co. 20; Frederick J. Shields, Engine Co. 22; William J. Kennedy, Engine Co. 24; Haggai E. Anderson, Engine Co. 29; James O'Neill, Engine Co. 32; William T. Hutcheon, Engine Co. 35; Henry S. Schmidt, Engine Co. 53; Edward Stewart, Engine Co. 54; John Wygand, Engine Co. 206; Julius W. Frank, Engine Co. 208; William G. Finn, Engine Co. 211; Frank J. Karl, Engine Co. 251; Edward Dornseif, Hook and Ladder Co. 2; William J. Costello, Hook and Ladder Co. 4; John H. Koenig, Hook and Ladder Co. 5; Walter J. Hillis, Hook and Ladder Co. 9; John Mayr, Hook and Ladder Co. 10; Paul C. Maron, Hook and Ladder Co. 12; August Risman, Hook and Ladder Co. 15; Thomas J. Cotter, Hook and Ladder Co. 21; Christopher Bruhl, Hook and Ladder Co. 111; Peter Behrmann, Jr., Hook and Ladder Co. 118.

Award of Contract (Public Letting February 10, 1913)—To Eureka Fire Hose Manufacturing Co., 13 Barclay st., Manhattan, for furnishing and delivering 65,000 feet of 2½-inch circular-woven multiple cotton rubber-lined fire hose, $78,000.

February 28.

The following penalties were imposed as the result of trials held on dates specfied: February 26, 1913, Engineer of Steamer Charles F. Lubben, Engine Co. 204, on charge of suffering from the effects of spirituous, malt or intoxicating beverages suffciently to interfere with the proper performance of his duty, three days' pay; Fireman Thomas M. Shea, Hook and Ladder Co. 64 (now Hook and Ladder Co. 114), on absence without leave, three days' pay; February 20 and 27, 1913, Fireman John J. Hennessy, Engine Co. 4, for conduct prejudicial to the good order and discipline of the department (debt complaint), five days' pay; February 27, 1913, Fireman Thomas J. Finn, Engine Co. 10, for absence without leave, one day's pay; Fireman William P. Tighe, Engine Co. 21, for disrespect to superior officer, reprimanded.

Charges Dismissed—Tried February 26, 1913, Fireman Henry Miller, No. 1, Engine Co. 213, for feigning illness and absence without leave; tried February 27, 1913, Captains Martin Morrisson, Engine Co. 16, and Edward I. Smith, Engine Co. 19, for neglect of duty (failing to take care of damaged hose); Lieutenant James P. Hayes, Engine Co. 21, for using improper language to subordinate; Firemen Thomas P. Reilly and John P. Tierney, Engine Co. 49, for neglect of duty; Fireman John J. Byrne, Hook and Ladder Co. 39, for absence without leave.

Appointed—To take effect 8 a. m. March 2, 1913: Probationary Fireman Clarence S. Reynolds to be Fourth Grade Fireman at rate of $1,000 per annum and assigned to Engine Co. 55.

Promoted—To take effect 9 a. m. February 27, 1913: Lineman John J. McEvenie, Bureau of Fire Alarm Telegraph, Manhattan, and Joel G. Charles, Brooklyn and Queens, each to be Telegraph Operator at rate of $1,200 per annum.

Transferred—To take effect 8 a. m. March 1, 1913: Chief of Battalion Thomas F. Norton, 34th to 41st Battalion; Chief of Battalion Eugene F. McKenna, 40th to 42d Battalion; Chief of Battalion James Langan, 49th to 40th Battalion; Chief of Battalion George O'Shea, Relieving Officer, 49th Battalion; Captain Edward J. Browne, Hook and Ladder Co. 36 to Engine Co. 52.

Contract Executed—For furnishing and delivering 65,000 feet of 2½ inch circular-woven, multitple, cotton, rubber-lined fire hose, $78,000; Eureka Fire Hose Manufacturing Co., 13 Barclay st., Manhattan, principal; American Surety Co., surety.

March 1.

Bills Audited—Manhattan, Bronx and Richmond, schedule 18 of 1913, open market orders, $1,548.26; Brooklyn and Queens, schedule 28 of 1913, open market orders, $304.35.

JOS. JOHNSON, Fire Commissioner.

Borough of The Bronx.

Report of the transactions of the Office of President of the Borough of The Bronx for the week ending March 5, 1913, exclusive of Bureau of Buildings.

Permits Issued—Sewer connections and repairs, 19; water connections and repairs, 21; laying gas mains and repairs, 48; placing building material on public highway, 8; crossing sidewalk with team, 10; miscellaneous, 170. Total, 276.

Money Received and Deposited with City Chamberlain—Permits for sewer connections, $294.90; permits for restoring and repaving streets, $491.70; sales, $9.15; miscellaneous, violations unsafe buildings, $50. Total, $845.75.

Security deposits, received on account of permits and transmitted to Comptroller, $35.

Laboring Force Employed During the Week—Bureau of Highways: Foremen, 27; Drivers, 7; Teams, 32; Carts, 1; Mechanics, 26; Laborers, 354. Total 447. Bureau of Sewers: Foremen, 11; Assistant Foremen, 4; Carts, 27; Mechanics, 5; Laborers, 69; Drivers, 3. Total, 119. Bureau of Public Buildings and Offices: Foremen, 1; Assistant Foremen, 1; Mechanics, 14; Laborers, 20; Cleaners, 38; Watchmen, 4; Attendants, 4. Total, 82.

Topographical Bureau: Laborers, 5; Driver, 1. Total, 6.

Contracts Entered Into—Paving Lind ave. from 23d and 24th Wards to Aqueduct ave., The Cleveland Trinidad Paving Co., 420 Lakeside ave., Cleveland, Ohio; sureties: New England Casualty Co. and Maryland Fidelity Co., $7,911.65. Furnishing hard clean coal steam boiler ashes, Frederick Starr Contracting Co., 1784 Broadway; surety: United States Fidelity Co., $1,250. Furnishing forage to Bureau of Sewers, Frank J. Lennon Co., 143 E. 31st st.; surety: Casualty Company of America, $709.30. Furnishing Forage to Bureau of Highways, Frank J. Lennon Co., 143 E. 31st st.; surety: Casualty Company of America $1,983.05. Paving E. 202d st. from Webster ave. to N. Y. & H. R. R., Dayton Hedges, 1451 Broadway; sureties: Title Guarantee and Surety Co. and Maryland Casualty Co., $2,383.75.

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

Department of Bridges.

Abstract of Transactions for the Week Ending March 1, 1913.

Appointments—February 24: 2 Clerks at $600 per annum.

Promotions and Increases—February 27: 1 Bridge Painter at $4 to Riveter at $5 per day.

Transferred into the Department—March 1: 1 Clerk at $600 per annum.

Deaths—February 22: 1 Ship Carpenter at $5 per day; 1 Bridge Tender at $900 per annum.

Dropped from the Roll—February 24: 1 Clerk, at $600 per annum.

Statement of Moneys Received—Brooklyn Bridge: Rent, $555.83; privileges, $501; material and labor, $28.52—$1,085.35. Williamsburg Bridge: Rent, $500. Manhattan Bridge: Tolls, Surface R. R. Co. (3d. Ave. Ry. Co.), $628.60. Municipal Garage: Material, labor and storage, $647.52. Total, $2,861.47.

Requisitions Drawn on the Comptroller—Contracts, $11,255.63; open market orders, $3,131.83; miscellaneous vouchers, $4.20; special payrolls, $300; payrolls, $15,912.01. Total, $30,603.67.

ARTHUR J. O'KEEFFE, Commissioner of Bridges.

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 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 7, 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, 4109 Cortlandt.
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 President of the Board of Aldermen, John Purroy Mitchel; Chief of Coast Artillery, Elmore F. Austin; Brigadier-General John G. Eddy, Commodore R. P. Forshew, 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
Telephone call, 1197 Cortlandt.

Robert W. de Forest, Vice-President Metropolitan Museum of Art, President; Frank L. Babbott, Vice-President; Charles H. Russell, Trustee of New York Public Library, Secretary; A. Augustus 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.
John Purroy Mitchel, President.

ALDERMEN.

Borough of Manhattan—1st Dist., William Drescher; 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. Kenneally; 13th Dist., John McCann; 14th Dist., John Loos; 15th Dist., Niles 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., Charles 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., ————; 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; 41st 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., ————, 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 4 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. Spregelberg; 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.

One Hundred and Thirty-eighth street and Morris avenue (Solingen Building).
John J. Burgoyne, Chief Clerk.
Telephone, 336 Melrose.

Brooklyn.

No. 42 Court street (Temple Bar Building).
George Russell, Chief Clerk.
Telephone, 693 Main.

Queens.

No. 64 Jackson avenue, Long Island City.
Carl Voegel, Chief Clerk.
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, 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. (except during July and August, when hours are 9 a. m. to 4 p. m.), Saturdays, 9 a. m. to 12 m.

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, Charles G. Smith, John P. Leo, Robert Maynicke and John Kenlon.
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.
———— ————, 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 9 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; John Purroy Mitchel, 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.

Nos. 13-21 Park Row.
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, 6080 Cortlandt.

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.
Calvin Tomkins, Commissioner
B. F. Cresson, Jr., First Deputy Commissioner.
William J. Barney, 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), 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.; Patrick F. McGowan, Augustus G. Miller, George C. Miller, Henry P. Morrison, Louis Newman, Antonio 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 Schoo 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 Libraries
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, Alfred T. Schauffler, Albert Shiels, Edgar Dubs Shimer, Seth T. Stewart, 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.; 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 nstitutions.
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.

James 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.
John J. McDonough and Sylvester Deputy Receivers of Taxes.
Borough of The Bronx—Municipal Building, Third and Tremont avenues.
Edward H. Healy and John J. Knewitt, 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.

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.

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.
Temporary office, Arsenal, Central Park, Manhattan.

PERMANENT CENSUS BOARD.

No. 480 Lexington ave., fourth floor. Office hours, 9 a. m. to 5 p. m.: Saturdays. 9. 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.
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.
Jeremiah Connelly, Superintendent for Richmond Borough, Borough Hall, St. George, Staten Island.
Telephone. 1000 Tompkinsville.

DEPARTMENT OF STREET CLEANING.

Nos. 13 to 2 Park Row, 9 a. m. to 4 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 I 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, 5962 Cortlandt; Brooklyn, 3980 Main; Queens, 3441 Hunters Point; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.
Henry S. Thompson, Commissioner.
I. 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 of 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, Paul S. Bolger; ex-officio members: Rudolph P. Miller, Edwin J. Fort.
Rooms Nos. 14, 15 and 16, Aldrich Building Nos. 149 and 151 Church street.
Telephone, 6472 Barclay.
Office open during business hours every day in the year (except legal holidays).

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 and Centre streets, 6th and 7th floors.
Telephone, 4600 Worth.
Archibald R. Watson, Corporation Counsel.
Assistants—Theodore Connoly, George L. Sterling, 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, John F. O'Brien, Edward S. Malone, Edwin J. Freedman, Louis H. Hahlo, Frank B. Pierce, Richard H. Mitchell, John Widdecombe, Arthur Sweeny, William H. King, George P. Nicholson, Dudley F. Malone, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, Arnold C. Well, John Lehman, Francis Martin, Charles McIntyre, Clarence L. Barber, Alfred W. Booraem, George H. Cowie, 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 Hoffmann, John W. Goff, Jr., William R. Wilson, Jr.
Secretary to the Corporation Counsel—Edmund Kirby, Jr.
Chief Clerk—Andrew T. Campbell.
Brooklyn Office, Borough Hall, 2d floor. 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, 3670 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 Cortlandt. 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. (months 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 Tuesday at 4.30 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 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, 9 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.
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.
Arthur J. Largy, Superintendent of Highways.
Roger W. Bligh, Superintendent of Public Buildings and Offices.
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.
Alfred E. Steers, President.
Reuben L. Haskell, Borough Secretary.
John B. Creighton, Secretary to the President.
Lewis H. Pounds, 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.

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. Holtshauser.
Telephones, 5057, 5058 Franklin.
Borough of The Bronx—Corner of Arthur avenue and Tremont avenue. Telephones, 1250 Tremont and 1402 Tremont.
Jacob Shongut, Jerome F. Healy.
Borough of Brooklyn—Office, 236 Duffield street, near Fulton street. Telephones, 4004 Main and 1005 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.
Thomas Allison, Commissioner.
Frederick P. Simpson, Assistant Commissioner.
Telephone, 241 Worth.

COMMISSIONER OF RECORDS.

Office, Hall of Records.
John P. Cowan, Commissioner.
James O. Farrell, Deputy Commissioner.
William Moores, Superintendent.
James J. Fleming, Jr., Secretary.
Telephone, 3900 Worth.
Office hours, 9 a. m. to 5 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 P. 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 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 L. 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, Brooklyn.
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 of Jurors.
Rodman Richardson, Assistant Commissioner.
Telephone, 455 Greenpoint.

COUNTY CLERK.

No. 364 Fulton street, Jamaica, Fourth Ward, Borough of Queens, City of New York.
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.
County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms each Saturday, except during August and first Saturday of September.
Burt J. 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, 39– 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 Ermener, 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, he 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.
First Monday of March and first Monday of October, 1912, with a Grand and Trial Jury.
First Monday of May and first Monday of December, 1912, with a Trial Jury only.
On Wednesdays of each week at Richmond (except during the month of August).
Surrogate's Court—J. Harry Tiernan, Surrogate.
Court days: Mondays and Tuesdays, at the Surrogate's Office in the Borough Hall, St. George, and Wednesdays, at the Surrogate's Office, Richmond, at 10.30 a. m., on which citations and orders are returnable, except during the month of August; and except on days when Jury terms of the County Court are held.
Telephones, 235 New Dorp and 1000 Tompkinsville—Court Room

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 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, 3840 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. 38, third 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, ground 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—Henry Bischoff, 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.

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, John Woodward, Adelbert P. Rich, 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. March Term begins March 3, 1913. Justices Garret J. Garretson, Abel E. Blackmar, Isaac M. Kapper, Joseph H. De Braga, 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).

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 Terms 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 1912.

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, Thomas C. O'Sullivan, 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.

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; Joseph M. Deuel, Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Joseph F. Moss, Howard J. Forker, John Fleming, Robert I. Wilkin, George J. O'Keefe, Morgan M. L. Ryan, James J. McInerney, Arthur C. Salmon, Cornelius F. Collins and Moses Herrman, Justices. Frank W. Smith, Chief Clerk.

Building for Criminal Courts, Centre street between Franklin and White streets, Borough of Manhattan.

Court opens at 10 a. m.

Part I., Criminal Court Building, Borough of Manhattan, John P. Hilly, Clerk. Telephone, 2092 Franklin.

Part II., 171 Atlantic avenue, Borough of Brooklyn. This part is held on Mondays, Thursdays and Fridays. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.

Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesdays. H. S. Moran, Clerk. Telephone, 657 Jamaica.

Part IV., Borough Hall, St. George, Borough of Richmond. This part is held on Wednesdays. Robert Brown, Clerk. Telephone, 49 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 Mondays and Thursdays.

Richmond County—Corn Exchange Bank Bldg. St. George, S. I. William J. Browne, Clerk. This court is held on Tuesdays. Office open every day (except Sundays and holidays) from 9 a. m. to 4 p. m. On Saturdays from 9 a. m. to 12 m.

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, Frederic Kernochan, Arthur C. Butts, Joseph E. Corrigan, Paul Krotel, Keyran J. O'Connor, Henry W. Herbert, Charles W. Appleton, Daniel F. Murphy, John J. Freschi, Francis X. McQuade, John A. L. Campbell, Samuel D. Levy, 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 Building.

Second District—Jefferson Market.

Third District—Second avenue and First street.

Fourth District—

Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.

Sixth and Eighth Districts—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, City Magistrates.

Office of Chief Magistrate, 44 Court street ooms 209-214. Telephone, 7411 Main.

William F. Delaney, Chief Clerk.

Archibald J. McKinney, 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 (Coney 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 street.

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 Madison square.

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.

Edward A. McQuade, Clerk.

Location of Court—Northwest corner of Third avenue and Eighty-third 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, 4343 Lenox.

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 Fifth avenue from the centre line of Ninety-sixth street to the centre line of One Hundred and Tenth street, on the north by the center 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 Village. Court open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.

Peter A. Sheil, Justice.

Stephen 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 Freifield, Justices. John Henigin, Jr., Clerk.

Clerk's Office open from 8.45 a. m. to 4 p. m.; Sundays and legal holidays excepted. Saturdays; 8.45 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 Central 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. Joseph P. McCarthy 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-J 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, 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 and Thursdays.

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 or 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 line 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.

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

THURSDAY, MARCH 27, 1913.

FOR FURNISHING AND DELIVERING RUGS, RUBBER GOODS, STEEL FURNITURE, FURNITURE, HOSPITAL FURNITURE, FIRE APPLIANCES AND 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 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 dozen, yard 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 Purchasing Agent of the Department, foot of E. 26th st., Borough of Manhattan.

MICHAEL J. DRUMMOND, Commissioner.
Dated March 14, 1913. m15,27

☞**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

WEDNESDAY, MARCH 19, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE PLUMBING, WATER SUPPLY AND GAS FITTING OF A KITCHEN AND DINING HALL FOR TUBERCULOSIS PATIENTS, METROPOLITAN HOSPITAL, BLACKWELLS ISLAND.

The time allowed for doing and completing the entire work and the full performance of the contract is two hundred and sixty-five (265) consecutive working days.

The surety required will be Three Thousand Dollars ($3,000).

Certified check or cash in the sum of One Hundred and Fifty Dollars ($150) must accompany each bid.

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of Charles B. Meyers, Architect, No. 1 Union Square West, The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.
Dated March 6, 1913. m7,19

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOROUGH OF THE BRONX.

Auction Sales.

UNDER THE DIRECTION OF CYRUS C. Miller, President, Borough of The Bronx, an auction sale will be held on

TUESDAY, MARCH 25, 1913.

at 11 a. m., at the yard of the Bureau of Highways, 181st st. and Webster ave.

Lot No. 1. 56 empty barrels.

Lot. No. 2. Lot of old scrap rubber hose, 50 feet ¾-inch rubber hose, 15 feet 2-inch discharge hose, 15 feet jacket woven hose, 12 feet 2½-inch suction hose.

Lot No. 3. Lot of old scrap iron (about 3 tons).

Lot No. 4. Lot of old tools, consisting of 2 long handle axes, 48 old files, 2 paving hammers, 7 hoes, 149 pick handles, 1 axe handle, 78 broom handles, 14 striking hammer handles, 33 scythe handles, 70 old locks, 33 tape measures, 25 picks, 9 rakes, 10 paving rammers, 2 sickles, 9 scythe blades, 45 round point shovels, 180 square point shovels, 24 snow shovels.

Lot. No. 5. 14 1-gallon oil cans, 10 2-gallon oil cans, 1 zinc oil can, 12 old lanterns, 1 tar kettle on wheels, 14 galvanized iron pails, 4 12-inch thermometers, 7 10-inch thermometers, 3 23-pound tampers, 7 wheelbarrows, 25 hydrant wrenches, 25 steel rock wedges, 1 cross head shoe, 3 idlers, 2 steam roller governors, 1 20-inch grate bar, 1 steering gear, 3 steam roller worms.

Lot No. 6. 1 show case counter, 1 old bellows.

Lot No. 7. 1 old phaeton.

Lot No. 8. 1 lot of old blankets, summer sheets and old harness, 8 old surcingles.

Lot No. 9. 39 old automobile shoes, 31 old inner tubes.

Lot. No. 10. Contents of fish store: 1 fish counter, 1 clam counter, 1 oyster counter, 2 counters, 100 potato bags, 1 box wooden dishes, 1 frying pan, 1 gas stove, 1 awning, 200 paper bags, 14 fish signs, 2 small hand saws, 9 wooden fish traps.

Lot. No. 11. Contents of bakery: 49 large cake pans, 200 small cake pans, 4 chairs, 2 tables, 3 pots, 2 iron bowls, 6 mixing boards, 18 bread boxes, 1 counter, 2 large shelf racks, 2 bread shovels, 2 pie racks, 1 iron counter rack, 1 double mixing box, 1 counter screen, 2 large handled shovels, 2 show cases, 2 empty barrels.

Lot No. 12. Contents of candy store: 2 show cases, 3 glass doors, 1 pigeon hole rack, 1 zinc roof, several pieces of molding.

Lot No. 13. 1 closed newsstand.

Lot No. 14. 1 National cash register.

Lot No. 15. Lot of old brick.

Terms of Sale.

All property shall be sold "as is." Cash payment or bankable funds at the time and place of sale, and the removal of the materials within 48 hours from the date of sale. If the purchaser or purchasers do not comply with the above conditions of removal they shall forfeit his or their purchase money and the ownership of the articles purchased, which will thereafter be resold for the benefit of the City.

The City will not be liable for any loss or damage to property sold between the time of sale and time of removal.

And the President of the Borough of The Bronx reserves the right on the day of the sale to withdraw from the sale any of the articles and materials, or reject all bids.

CYRUS C. MILLER, President.
m15,25

UNDER THE DIRECTION OF CYRUS C. Miller, President, Borough of The Bronr, an auction sale will be held on

TUESDAY, MARCH 25, 1913.

at 11 a. m., at the yard of the Bureau of Sewers, 181st st. and Webster ave.

Lot. No. 1. About 445 pairs rubber boots, lot of old rubber storm aprons, lot of old rubber horse covers, lot of old rubber diaphragms, lot of old rubber hose, 2½-inch, 1-inch and ¾-inch.

Lot No. 2. 8 old iron carts (in parts), lot of old axles, lot of scrap iron (about 6 tons), lot of old padlocks, lot of old iron pipe, ¾-inch by 2-inch.

Lot No. 3. Lot of old wooden wheelbarrows.

Lot No. 4. 36 empty barrels.

Lot No. 5. Lot of old brushes and brooms.

Lot No. 6. 1 old flat bottom boat.

Lot No. 7. Lot of old blankets, lot of old carriage side curtains, lot of old leather fly nets, lot of old carriage robes, lot of old carriage seats or cushions.

Lot No. 8. 1 old Edison suction pump.

Lot No. 9. Lot of old oak pails, lot of old galvanized iron pails.

Lot No. 10. 1 old sleigh (light).

Lot No. 11. Lot of old carriage whips, lot of old harness (parts), lot of old carriage harness (6 sets).

Lot No. 12. Lot of old pick and axe handles, lot of old steel shovels.

Lot No. 13. Lot of old sounders' fulcrums.

Lot No. 14. Lot of old manila rope, 1-inch.

Lot No. 15. Lot of old wheels.

Lot No. 16. 1 wagon (light).

Lot No. 17. Lot of old lanterns, lot of old 50-foot tape measures, lot of old oil cans, 1 old water cooler.

Lot No. 18. Lot of old brass balls and sockets, ¼-inch; lot of old iron couplings, ¾-inch; lot of old files.

Terms of Sale.

All property shall be sold "as is." Cash payment or bankable funds at the time and place of sale, and the removal of the materials within 48 hours from the date of sale. If the purchaser or purchasers do not comply with the above conditions of removal they shall forfeit his or their purchase money and the ownership of the articles purchased, which will thereafter be resold for the benefit of the City.

The City will not be liable for any loss or damage to property sold between the time of sale and time of removal.

And the President of the Borough of The Bronx reserves the right on the day of the sale to withdraw from the sale any of the articles and materials, or reject all bids.

CYRUS C. MILLER, President.
m15,25

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, MARCH 26, 1913.

NO. 1. FOR REGULATING AND GRADING ONLY, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY, IN TREMONT AVE., FROM THE PRESENT TERMINUS AT LUDLOW AVE. TO FORT SCHUYLER ROAD, TO A WIDTH OF 100 FEET IN EXCAVATION AND 60 FEET ON EMBANKMENT, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

5,500 cubic yards of excavation of all kinds.
133,800 cubic yards of filling.
230 cubic yards of dry rubble masonry.
25 cubic yards of rubble masonry in mortar.
8,000 feet, board measure, of timber and lumber.
9,100 linear feet of guard rail.
Sinkage, shrinkage and settlement.

The time allowed for the completion of the work will be 350 working days.

The amount of security required will be Twenty-six Thousand Dollars.

NO. 2. FOR REGULATING, GRADING, PLACING VITRIFIED PIPE AND BUILDING WALLS WHERE NECESSARY IN BEACH AVE., FROM BRONX RIVER AVE. TO GLEASON AVE., AND SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY, FROM BRONX RIVER AVE. TO CLASON'S POINT ROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

23,000 cubic yards of earth excavation.
1,000 cubic yards of rock excavation.
134,900 cubic yards of filling.
5,260 linear feet of new curb.
4,850 square feet of new bluestone flagging.
15,970 square feet of cement flagging.
1,770 square feet of new bridgestone.
1,000 cubic yards of dry rubble masonry.
10 cubic yards of rubble masonry in mortar.
9,000 feet, board measure, of timber and lumber.
8,700 linear feet of guard rail.
Sinkage, shrinkage and settlement.

The time allowed for the completion of the work will be 350 working days.

The amount of security required will be Thirty-six Thousand Dollars.

NO. 3. FOR PAVING WITH BITUMINOUS CONCRETE ON A CEMENT CONCRETE FOUNDATION THE ROADWAY OF WALTON AVE., FROM E. 177TH ST. TO TREMONT AVE.; ADJUSTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO (PRELIMINARY PAVEMENT).

The Engineer's estimate of the work is as follows:

1,730 square yards of completed bituminous concrete pavement, and keeping the pavement in repair for five years from date of acceptance.
195 cubic yards of class "B" concrete.
520 linear feet of curbstone, adjusted.

The time allowed for the completion of the work will be 30 consecutive working days.

The amount of security required will be One Thousand Four Hundred Dollars.

NO. 4. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN MACLAY AVE., BETWEEN ZEREGA AVE. AND SEDDON ST., TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

620 linear feet of pipe sewer, 18-inch.
5 linear feet of pipe sewer, 15-inch.
24 linear feet of pipe sewer, 12-inch.
80 spurs for house connections, over and above the cost per linear foot of sewer.
7 manholes, complete.
1 receiving basin, complete.
100 cubic yards of rock excavation.
1,000 feet (board measure) of timber.
25 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 70 consecutive working days.

The amount of security required will be One Thousand Four Hundred Dollars.

NO. 5. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN ST. RAYMOND'S AVE., BETWEEN PARKER ST. AND ZEREGA AVE.; AND IN MACLAY AVE., BETWEEN PARKER ST. AND ZEREGA AVE.; AND IN ZEREGA AVE., BETWEEN ST. RAYMOND AVE. AND LYVERE ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

456 linear feet of pipe sewer, 30-inch.
245 linear feet of pipe sewer, 24-inch.
80 linear feet of pipe sewer, 20-inch.
175 linear feet of pipe sewer, 18-inch.
198 linear feet of pipe sewer, 15-inch.
616 linear feet of pipe sewer, 12-inch.
196 spurs for house connections, over and above the cost per linear foot of sewer.
18 manholes, complete.
12 receiving basins, complete.
1,020 cubic yards of rock excavation.
1,000 feet (board measure) of timber.
50 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 200 consecutive working days.

The amount of security required will be Six Thousand Dollars.

NO. 6. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN PUGSLEY AVE., BETWEEN WESTCHESTER AVE. AND MCGRAW AVE., TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

250 linear feet of pipe sewer, 18-inch.
270 linear feet of pipe sewer, 15-inch.
5 linear feet of pipe sewer, 12-inch.
58 spurs for house connections, over and above the cost per linear foot of sewer.
6 manholes, complete.
100 cubic yards of rock excavation.
1,000 feet (board measure) of timber.
25 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 65 consecutive working days.

The amount of security required will be One Thousand One Hundred Dollars.

NO. 7. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN LIEBIG AVE., BETWEEN W. 259TH ST. AND W. 260TH ST.; AND A TEMPORARY CONNECTION AT LIEBIG AVE. AND W. 260TH ST.; AND IN W. 260TH ST., BETWEEN LIEBIG AVE. AND RIVERDALE AVE.; AND IN RIVERDALE AVE., BETWEEN W. 259TH ST. AND W. 261ST ST., TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

257 linear feet of pipe sewer, 30-inch.
260 linear feet of pipe sewer, 18-inch.
188 linear feet of pipe sewer, 15-inch.
1,710 linear feet of pipe sewer, 12-inch.
315 spurs for house connections, over and above the cost per linear foot of sewer.
25 manholes, complete.
8 receiving basins, complete.
2,500 cubic yards of rock excavation.
15 cubic yards of class "B" concrete.
50,000 feet (board measure) of timber.
100 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 200 consecutive working days.

The amount of security required will be Nine Thousand Dollars.

NO. 8. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN W. 254TH ST., BETWEEN BROADWAY AND FIELDSTON ROAD, TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

515 linear feet of pipe sewer, 30-inch.
260 linear feet of pipe sewer, 18-inch.
15 linear feet of pipe sewer, 15-inch.
270 linear feet of pipe sewer, 12-inch.
125 spurs for house connections, over and above the cost per linear foot of sewer.
10 manholes, complete.
190 cubic yards of rock excavation.
40 cubic yards of class "A" concrete.
60 cubic yards of class "B" concrete.
75 cubic yards of dry rubble masonry.
2,000 pounds of steel bars.
5,000 feet (board measure) of timber.
100 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 150 consecutive working days.

The amount of security required will be Three Thousand Two Hundred Dollars.

NO. 9. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN ST. LAWRENCE AVE., BETWEEN TREMONT AVE. AND MERRILL ST.; AND IN COMMONWEALTH AVE., BETWEEN TREMONT AVE. AND MERRILL ST., TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

250 linear feet of pipe sewer, 18-inch.
673 linear feet of pipe sewer, 12-inch.
113 spurs for house connections, over and above the cost per linear foot of sewer.
10 manholes, complete.
2 receiving basins, complete.
900 cubic yards of rock excavation.
1,000 feet (board measure) of timber.
25 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 150 consecutive working days.

The amount of security required will be Three Thousand Five Hundred Dollars.

NO. 10. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN W. 236TH ST., BETWEEN BROADWAY AND KINGSBRIDGE AVE.; AND IN W. 238TH ST., BETWEEN BROADWAY AND KINGSBRIDGE AVE.; AND IN KINGSBRIDGE AVE., BETWEEN W. 234TH ST. AND W. 238TH ST., TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

291 linear feet of pipe sewer, 30-inch.
106 linear feet of pipe sewer, 24-inch.
6 linear feet of pipe sewer, 18-inch.
162 linear feet of pipe sewer, 15-inch.
1,174 linear feet of pipe sewer, 12-inch.
197 spurs for house connections, over and above the cost per linear foot of sewer.
18 manholes, complete.
5 receiving basins, complete.
25 cubic yards of rock excavation.
350 cubic yards of class "A" concrete.
25 cubic yards of class "B" concrete.
50 cubic yards of dry rubble masonry.
15,000 feet (board measure) of timber.
7,000 linear feet of piles.
11,000 pounds of steel bars.
50 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 150 consecutive working days.

The amount of security required will be Six Thousand Dollars.

NO. 11. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN GUN HILL ROAD, FROM THE EXISTING SEWER IN OLINVILLE AVE. TO PERRY AVE.; AND IN WEBSTER AVE., BETWEEN GUN HILL ROAD AND E. 211TH ST.; AND IN DECATUR AVE., BETWEEN GUN HILL ROAD AND THE SUMMIT 300 FEET SOUTHERLY THEREFROM; AND IN HULL AVE., BETWEEN GUN HILL ROAD AND THE SUMMIT 200 FEET SOUTHERLY THEREFROM; AND IN WEBSTER AVE. (EAST SIDE), BETWEEN GUN HILL ROAD AND E. 210TH ST.; AND IN WEBSTER AVE., FROM THE EAST SIDE TO THE WEST SIDE AT E. 210TH ST.; AND IN WEBSTER AVE. (WEST SIDE), BETWEEN E. 210TH ST. AND GUN HILL ROAD; AND IN PARKSIDE PLACE, BETWEEN E. 210TH ST. AND THE SUMMIT 200 FEET NORTH OF E. 207TH ST., TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

100 linear feet of pipe sewer, 30-inch.
565 linear feet of pipe sewer, 24-inch.
105 linear feet of pipe sewer, 18-inch.
109 linear feet of pipe sewer, 15-inch.
3,400 linear feet of pipe sewer, 12-inch.
266 linear feet of cast iron pipe sewer, 12-inch.
36 linear feet of cast iron pipe sewer, 8-inch.
600 linear feet of 6-inch pipe as risers for house connections, including the supporting and surrounding class "C" concrete.
372 spurs for house connections, over and above the cost per linear foot of sewer.
39 brick manholes, complete.
4 reinforced concrete manholes, complete.
13 receiving basins, complete.
3,200 cubic yards of rock excavation.
75 cubic yards of class "B" concrete.
1,000 pounds of steel bars.
75,000 feet (board measure) of timber.
100 linear feet of pipe drain, 12-inch to 24-inch.

The time allowed for the completion of the work will be 350 consecutive working days.

The amount of security required will be Fourteen Thousand Five Hundred Dollars.

Blank forms can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office.

CYRUS C. MILLER, President.
m14,26

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOROUGH OF BROOKLYN.

Proposals.

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, MARCH 26, 1913.

1. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON BARRETT ST., FROM EAST NEW YORK AVE. TO DUMONT AVE.

The Engineer's estimate is as follows:

100 linear feet old curbstone reset in concrete.
3,750 cubic yards excavation.
730 cubic yards fill (not to be bid for).
3,850 linear feet cement curb (1 year maintenance).
19,170 square feet cement sidewalks (1 year maintenance).

Time allowed, 50 working days. Security required, $2,300.

2. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION

THE ROADWAY OF AVENUE C, FROM E. 3D ST. TO GRAVESEND AVE.

The Engineer's estimate is as follows:

2,210 square yards asphalt pavement (5 years maintenance).

370 cubic yards concrete.

550 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,700.

3. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF CONEY ISLAND AVE., FROM AVENUE N TO KINGS HIGHWAY.

The Engineer's estimate is as follows:

15,260 square yards asphalt pavement, outside railroad area (5 years maintenance).

15 square yards asphalt pavement, within railroad area (no maintenance).

2,545 cubic yards concrete outside railroad area.

5 cubic yards concrete within railroad area.

810 linear feet granite heading stones set in concrete.

445 linear feet bluestone heading stones set in concrete.

3,820 cubic yards excavation to subgrade.

Time allowed, 50 working days. Security required, $12,000.

4. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRRETE FOUNDATION THE ROADWAY OF 85TH ST., FROM 18TH AVE. TO 21ST AVE.

The Engineer's estimate is as follows:

6,745 square yards asphalt pavement (5 years maintenance).

750 cubic yards concrete.

240 linear feet bluestone heading stones set in concrete.

1,310 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $4,500.

5. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF DUPONT ST., FROM OAKLAND ST. TO PROVOST ST.

The Engineer's estimate is as follows:

2,040 square yards asphalt pavement (5 years maintenance).

230 cubic yards concrete.

400 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,400.

6. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 2D ST., FROM FORT HAMILTON AVE. TO BEVERLY ROAD.

The Engineer's estimate is as follows:

20 linear feet old curbstone reset in concrete.

1,080 cubic yards excavation.

1,060 cubic yards fill (not to be bid for).

2,590 linear feet cement curb (1 year maintenance).

10,840 square feet cement sidewalks (1 year maintenance).

Time allowed, 40 working days. Security required, $1,200.

7. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF E. 2D ST., FROM CORTELYOU ROAD TO DITMAS AVE.

The Engineer's estimate is as follows:

2,720 square yards asphalt pavement (5 years maintenance).

305 cubic yards concrete.

530 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,800.

8. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON E. 3D ST., FROM FORT HAMILTON AVE. TO BEVERLY ROAD.

The Engineer's estimate is as follows:

600 cubic yards excavation.

220 cubic yards fill (not to be bid for).

3,670 linear feet cement curb (1 year maintenance).

11,450 square feet cement sidewalks (1 year maintenance).

Time allowed, 35 working days. Security required, $1,300.

9. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON EAST NEW YORK AVE., FROM UTICA AVE. TO PITKIN AVE.

The Engineer's estimate is as follows:

6,280 linear feet new curbstone set in concrete.

20 linear feet old curbstone reset in concrete.

6,410 cubic yards excavation.

16,490 cubic yards fill (to be furnished).

29,060 square feet cement sidewalks (1 year maintenance).

Time allowed, 150 working days. Security required, $6,500.

10. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF FORREST ST., FROM CENTRAL AVE. TO FLUSHING AVE.

The Engineer's estimate is as follows:

1,585 square yards asphalt pavement (5 years maintenance).

265 cubic yards concrete.

125 linear feet granite heading stones set in concrete.

395 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,300.

11. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON JUNIUS ST., FROM BLAKE AVE. TO LIVONIA AVE.

The Engineer's estimate is as follows:

30 linear feet old curbstone reset in concrete.

3,680 cubic yards excavation.

2,200 linear feet cement curb (1 year maintenance).

10,590 square feet cement sidewalks (1 year maintenance).

Time allowed, 50 working days. Security required, $1,500.

12. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON MONTAUK AVE., FROM ATLANTIC AVE. TO LIBERTY AVE.

The Engineer's estimate is as follows:

20 linear feet old curbstone reset in concrete.

1,380 cubic yards excavation.

160 cubic yards fill (not to bid for).

1,700 linear feet cement curb (1 year maintenance).

8,510 square feet cement sidewalks (1 year maintenance).

Time allowed, 30 working days. Security required, $1,000.

13. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF OAKLAND PLACE, FROM TILDEN AVE. TO ALBEMARLE ROAD.

The Engineer's estimate is as follows:

920 square yards asphalt pavement (5 years maintenance).

100 cubic yards concrete.

180 cubic yards excavation to subgrade.

Time allowed, 25 working days. Security required, $600.

14. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF PILLING ST., FROM EVERGREEN AVE. TO THE RIGHT OF WAY OF THE LONG ISLAND RAILROAD.

The Engineer's estimate is as follows:

940 square yards asphalt pavement (5 years maintenance).

155 cubic yards concrete.

120 linear feet bluestone heading stones set in concrete.

240 cubic yards excavation to subgrade.

Time allowed, 25 working days. Security required, $700.

15. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF SULLIVAN ST., FROM WASHINGTON AVE. TO BEDFORD AVE.

The Engineer's estimate is as follows:

3,695 square yards asphalt pavement (5 years maintenance).

410 cubic yards concrete.

30 linear feet bluestone heading stones set in concrete.

720 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $2,500.

16. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF SUNNYSIDE AVE., FROM MILLER AVE. TO BARBEY ST.

The Engineer's estimate is as follows:

3,790 square yards asphalt pavement (5 years maintenance).

420 cubic yards concrete.

60 linear feet bluestone heading stones set in concrete.

740 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $2,500.

17. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON THATFORD AVE., FROM RIVERDALE AVE. TO NEW LOTS ROAD.

The Engineer's estimate is as follows:

20 linear feet old curbstone reset in concrete.

340 cubic yards excavation.

11,940 cubic yards fill (to be furnished).

3,350 linear feet cement curb (1 year maintenance).

16,430 square feet cement sidewalks (1 year maintenance).

Time allowed, 110 working days. Security required, $4,500.

18. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF WEST ST., FROM 39TH ST. TO 43D ST.

The Engineer's estimate is as follows:

7,565 square yards asphalt pavement (5 years maintenance).

840 cubic yards concrete.

145 linear feet bluestone heading stones set in concrete.

1,470 cubic yards excavation to subgrade.

Time allowed, 35 working days. Security required, $5,000.

19. FOR REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND CONSTRUCTING TIMBER BULKHEAD ON W. 30TH ST., FROM NEPTUNE AVE. TO A LINE 360 FEET SOUTH OF SURF AVE.

The Engineer's estimate is as follows:

4,050 linear feet new curbstone set in concrete.

80 linear feet old curbstone reset in concrete.

1,510 cubic yards excavation.

3,400 cubic yards fill (to be furnished).

18,500 square feet cement sidewalks (1 year maintenance).

1,880 cubic yards loamy earth (to be furnished).

130 linear feet of bulkhead, complete.

Time allowed, 70 working days. Security required, $5,000.

20. FOR REGULATING AND PAVING WITH PERMANENT GRADE 1 GRANITE PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF WHITE ST., FROM COOK ST. TO MOORE ST., AND FROM SEIGEL ST. TO JOHNSON AVE.

The Engineer's estimate is as follows:

3,665 square yards grade 1 granite pavement, with joint filler of coal tar pitch and gravel (1 year maintenance).

620 cubic yards concrete.

260 linear feet granite heading stones set in concrete.

1,220 cubic yards excavation to subgrade.

Time allowed, 40 working days. Security required, $5,000.

21. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF WILLIAMS AVE., FROM BELMONT AVE. TO SUTTER AVE.

The Engineer's estimate is as follows:

1,395 square yards asphalt pavement (5 years maintenance).

235 cubic yards concrete.

35 linear feet bluestone heading stone set in concrete.

350 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,100.

22. FOR REGULATING AND GRADING 12TH AVE., FROM 86TH ST. TO DYKER BEACH PARK.

The Engineer's estimate is as follows:

51,880 cubic yards excavation.

Time allowed, 180 working days. Security required, $7,000.

23. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF 45TH ST., FROM NEW UTRECHT AVE. TO 12TH AVE.

The Engineer's estimate is as follows:

2,600 square yards asphalt pavement (5 years maintenance).

290 cubic yards concrete.

80 linear feet bluestone heading stones set in concrete.

500 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,700.

24. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 71ST ST., FROM 10TH AVE. TO 11TH AVE.

The Engineer's estimate is as follows:

30 linear feet old curbstone reset in concrete.

1,480 cubic yards excavation.

1,430 linear feet cement curb (1 year maintenance).

3,550 square feet cement sidewalks (1 year maintenance).

Time allowed, 30 working days. Security required, $700.

25. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF 71ST ST., FROM 10TH AVE. TO 11TH AVE.

The Engineer's estimate is as follows:

2,440 square yards asphalt pavement (5 years maintenance).

270 cubic yards concrete.

30 linear feet bluestone heading stones set in concrete.

Time allowed, 30 working days. Security required, $1,600.

26. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 80TH ST., FROM 13TH AVE. TO 14TH AVE.

The Engineer's estimate is as follows:

10 linear feet old curbstone reset in concrete.

1,000 cubic yards excavation.

4,240 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, 60 working days. Security required, $1,600.

27. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 82D ST., FROM 13TH AVE. TO 14TH AVE.

The Engineer's estimate is as follows:

10 linear feet old curbstone reset in concrete.

6,035 cubic yards fill (to be furnished).

1,430 linear feet cement curb (1 year maintenance).

7,260 square feet cement sidewalks (1 year maintenance).

Time allowed, 70 working days. Security required, $1,800.

28. FOR GRADING THE LOTS LOCATED BETWEEN BENSON AVE. AND BATH AVE., AND BAY 34TH ST. AND BAY 35TH ST., KNOWN AS LOTS NOS. 43, 48 AND 53, BLOCK 6874.

The Engineer's estimate is as follows:

2,300 cubic yards fill (to be furnished).

Time allowed, 30 working days. Security required, $600.

29. FOR GRADING PORTIONS OF LOTS ON SOUTH SIDE OF 40TH ST., BETWEEN 5TH AND 6TH AVES., KNOWN AS NOS. 20 AND 25, BLOCK 917.

The Engineer's estimate is as follows:

1,100 cubic yards excavation.

Time allowed, 20 working days. Security required, $200.

30. FOR FURNISHING AND DELIVERING 30,000 MEDINA SANDSTONE PAVING BLOCKS.

To be delivered at Wallabout Corporation Yard, foot of Hewes st.

Time and quantity of delivery as directed by Chief Engineer or his representative.

Entire delivery to be completed on or before June 30, 1913.

Security required, 30 per cent. of the total amount for which the contract is awarded.

31. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF BELMONT AVE., FROM ELTON ST. TO CHESTNUT ST.

The Engineer's estimate is as follows:

8,515 square yards asphalt pavement (5 years maintenance).

1,420 cubic yards concrete.

25 linear feet new curbstone set in concrete.

180 linear feet bluestone heading stones set in concrete.

2,130 cubic yards excavation to subgrade.

Time allowed, 40 working days. Security required, $6,500.

32. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF SUTTER AVE., FROM HOWARD AVE. TO GRAFTON ST.

The Engineer's estimate is as follows:

660 square yards asphalt pavement (5 years maintenance).

110 cubic yards concrete.

35 linear feet bluestone heading stones set in concrete.

165 cubic yards excavation to subgrade.

Time allowed, 25 working days. Security required, $500.

33. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 16TH AVE., FROM 47TH ST. TO 48TH ST.

The Engineer's estimate is as follows:

590 square yards asphalt pavement, outside railroad area (5 years maintenance).

95 square yards asphalt pavement, within railroad area (no maintenance).

100 cubic yards concrete, outside railroad area.

15 cubic yards concrete within railroad area.

170 cubic yards excavation to subgrade.

Time allowed, 25 working days. Security required, $500.

34. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF NEW YORK AVE., FROM CLARENDON ROAD TO CANARSIE LANE.

The Engineer's estimate is as follows:

1,745 square yards asphalt pavement (5 years maintenance).

195 cubic yards concrete.

50 linear feet bluestone heading stones set in concrete.

340 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,200.

35. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 16TH AVE., FROM 68TH ST. TO 70TH ST.

The Engineer's estimate is as follows:

2,440 square yards asphalt pavement (5 years maintenance).

410 cubic yards concrete.

150 linear feet bluestone heading stones set in concrete.

610 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $1,800.

36. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF 38TH ST., FROM FORT HAMILTON AVE. TO 13TH AVE.

The Engineer's estimate is as follows:

4,690 square yards asphalt pavement (5 years maintenance).

520 cubic yards concrete.

90 linear feet bluestone heading stones set in concrete.

910 cubic yards excavation to subgrade.

Time allowed, 30 working days. Security required, $3,100.

The Bidder will state the price of each item or article contained in the specificatons 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 bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

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.

ALFRED E. STEERS, President.

Dated March 11, 1913. m14,26

☞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 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, APRIL 2, 1913.

Borough of Brooklyn.

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUUCTING SEWERS IN HEWES ST., FROM WALLABOUT CANAL TO CLASSON AVE.; IN CLASSON AVE., FROM HEWES ST. TO PARK AVE., AND IN PARK AVE., FROM CLASSON AVE. TO SKILLMAN ST.

The Engineer's estimate of the quantities is as follows:

1 outlet section of 186-inch sewer.

794 linear feet 186-inch twin sewer.

1 186-inch sewer connecting section.

280 linear feet 186-inch concrete sewer, conduit section.

1,609 linear feet 186-inch brick sewer, conduit section.

1 inverted siphon.

1 drop manhole and connection.

25 linear feet 54-inch brick sewer.

12 linear feet 36-inch vitrified pipe sewer, laid in concrete.

782 linear feet 30-inch brick sewer.

45 linear feet 24-inch vitrified pipe sewer, laid in concrete.

734 linear feet 24-inch vitrified pipe sewer.

737 linear feet 18-inch pipe sewer.

2,637 linear feet 12-inch pipe sewer.

4 manholes, class "A."

6 manholes, class "B."

2 manholes, class "C."

40 manholes, class "D."

13 sewer basins reconnected.

115 house connection drains reconnected.

1,000,000 feet (board measure) sheeting and bracing.

215,000 feet (board measure) foundation planking, pile capping and stringers.

55,000 linear feet bearing piles.

200 cubic yards class "B" concrete.

10 cubic yards brick masonry.

100 barrels Portland cement.

The time allowed for the completion of the work and full performance of the contract is three hundred and fifty (350) working days.

The amount of security required is One Hundred and Ten Thousand Dollars ($110,000).

2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWERS IN SKILLMAN ST., FROM PARK AVE. TO MYRTLE AVE.; IN MYRTLE AVE., FROM SKILLMAN ST. TO NOSTRAND AVE.; IN NOSTRAND AVE., FROM MYRTLE AVE. TO VERNON AVE.; IN VERNON AVE., FROM NOSTRAND AVE. TO MARCY AVE.

The Engineer's estimate of the quantities is as follows:

1,141 linear feet 186-inch sewer, conduit section.

2,157 linear feet 180-inch sewer, conduit section.

1 storm water separator "A" complete.

1 storm water separator "B" complete.

1 storm water separator "C" complete.

1 inverted siphon.

346 linear feet 24-inch pipe sewer.

45 linear feet 18-inch pipe sewer.

1,090 linear feet 15-inch pipe sewer.

2,675 linear feet 12-inch pipe sewer.

100 barrels Portland cement.

5 manholes, class "A."

46 manholes, class "D."

5 manholes, class "F."

235 house connection drains reconnected.

3 sewer basins rebuilt.

14 sewer basins reconnected.

1,700,000 feet (board measure) sheeting and bracing.

400,000 feet (board measure) foundation planking.

200 cubic yards class "B" concrete.

10 cubic yards brick masonry.

The time allowed for the completion of the work and full performance of the contract is three hundred and fifty (350) working days.

The amount of security required is One Hundred and Twenty-five Thousand Dollars ($125,000).

3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWERS IN VERNON AVE., FROM MARCY AVE. TO TOMPKINS AVE., AND IN TOMPKINS AVE., FROM VERNON AVE. TO GREENE AVE.

The Engineer's estimate of the quantities is as follows:

805 linear feet 180-inch sewer, section "A."

2,085 linear feet 180-inch sewer, section "B."

1 connecting drop, section "A."

1 connecting drop, section "B."

52 linear feet 30-inch brick sewer.

540 linear feet 24-inch pipe sewer.

500 linear feet 18-inch pipe sewer.

1,368 linear feet 15-inch pipe sewer.

2,760 linear feet 12-inch pipe sewer.

160 house connection drains reconnected.

25 sewer basins reconnected.

1 sewer basin rebuilt.

1 manhole, class "A."

2 manholes, class "C."

59 manholes, class "D."

8 manholes, class "F."

1 manhole, class "G."

1 overflow manhole, "H."

2 overflow manholes, "J."

1,600,000 feet (board measure) sheeting and bracing.

350,000 feet (board measure) foundation planking.

200 cubic yards class "B" concrete.

10 cubic yards brick masonry.

100 barrels Portland cement.

The time allowed for the completion of the work and full performance of the contract is three hundred and fifty (350) working days.

The amount of security required is One Hundred and Fifteen Thousand Dollars ($115,000).

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, foot board measure, 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 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, the Borough of Brooklyn, No. 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

m14,a2

☞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 2, BOROUGH HALL, BOROUGH OF BROOKLYN.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough at the above named office until 11 o'clock a. m., on

WEDNESDAY, MARCH 26, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWAGE PURIFICATION EXPERIMENTAL PLANT, AT THE 26TH WARD SEWAGE DISPOSAL WORKS, HENDRIX ST., NEAR VANDALIA AVE.

The Engineer's estimate of the quantities is as follows:

4,500 linear feet bearing piles.

16,500 feet, board measure, long leaf yellow pine, pile capping and heavf timber.

1 sewage purification experimental laboratory building.

1 sewage purification experimental plant.

The time allowed for the completion of the work and full performance of the contract is sixty (60) working days.

The amount of security required is Ten Thousand Dollars ($10,000).

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, per thousand feet board measure,

or other unit of measure, by which the bids will be tesetd.

The bids will be compared and the contract awarded at a lump or aggregate sum for the contract.

Blank forms and further information may be obtained and plans and drawings may be seen at the office of the Bureau of Sewers, 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

Dated March 13, 1913. m14,26

☞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 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn, at the above office, until 11 o'clock a. m., on

WEDNESDAY, MARCH 19, 1913.
Borough of Brooklyn.

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER IN 49TH ST., FROM 17TH AVE. TO THE LONG ISLAND RAILROAD, LOCATED BETWEEN 18TH AND 19TH AVES.; IN 51ST ST., FROM 18TH AVE. TO 19TH AVE.; IN 52D ST., FROM 16TH AVE. TO 18TH AVE., AND IN 18TH AVE., FROM 49TH ST. TO 52D ST.

The Engineer's preliminary estimate of the quantities is as follows:

No. 1. 950 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.60 ...	$3,420 00
No. 2. 132 linear feet of 24-inch cast-iron pipe sewer, laid complete, including concrete casing and all incidentals and appurtenances; per linear foot, $9.50	1 254 00
No. 3. 260 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.85 ..	741 00
No. 4. 170 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1,90 ..	323 00
No. 5. 3,200 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.70 ...	5,440 00
No. 6. 240 linear feet of 8-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $1	240 00
No. 7. 4,400 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 85 cents	3,740 00
No. 8. 8 stand pipes complete, including concrete casing, and all incidentals and appurtenances; per stand pipe, $17	136 00
No. 9. 36 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $55	1,980 00
No. 10. 10 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	1,250 00
No. 11. 1,500 feet, board measure, of foundation planking, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25	37 50
No. 12. 15,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	270 00
No. 13. 10 cubic yards of Portland cement concrete, laid in place complete, including all incidentals and appurtenances; per cubic yard, $6	60 00
	$18,891 50

The time allowed for the completion of the work and full performance of the contract will be one hundred and twenty (120) working days.

The amount of security required will be Six Thousand Dollars ($6,000).

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER IN HOPKINSON AVE., FROM LOTT AVE. TO VIENNA AVE.

The Engineer's preliminary estimate of the quantities is as follows:

No. 1. 615 linear feet of 30-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4.10	$2,521 50
No. 2. 620 linear feet of 22-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.10 ...	1,922 00
No. 3. 1,700 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 75 cents	1,275 00
No. 4. 10 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	500 00
No. 5. 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, $125	750 00
No. 6. 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
No. 7. 1,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	18 00
Total	$7,074 00

The time allowed for the completion of the work and full performance of the contract will be seventy (70) working days.

The amount of security required will be Three Thousand Five Hundred Dollars ($3,500).

NO. 3. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SANITARY SEWER IN W. 24TH ST., FROM MERMAID AVE. TO SURF AVE.

The Engineer's preliminary estimate of the quantities is as follows:

No. 1. 770 linear feet of 10-inch sanitary pipe sewer, laid complete, including concrete cradle and all incidentals and appurtenances; per linear foot, $3.90	$3,003 00
No. 2. 930 linear feet of 6-inch house connection drain, laid complete, including concrete casing and all incidentals and appurtenances; per linear foot, $2	1,860 00
No. 3. 34 stand pipes complete, including double T branch, concrete casing and all incidentals and appurtenances; per stand pipe, $4 ..	136 00
No. 4. 6 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $60	360 00
No. 5. 6,500 feet, board measure, of foundation planking and pile capping, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $28	182 00
No. 6. 1,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	18 00
No. 7. 1,500 linear feet of piles, driven in place complete, including all incidentals and appurtenances; per linear foot, 30 cents	450 00
Total	$6,009 00

The time allowed for the completion of the work and full performance of the contract will be seventy (70) working days.

The amount of security required will be Three Thousand ($3,000) Dollars.

NO. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN CARROLL ST., BETWEEN WASHINGTON AND BEDFORD AVES.

The Engineer's preliminary estimate of the quantities is as follows:

125 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.90	$487 50
1,468 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.75	2,569 00
24 linear feet of 12-inch cast iron pipe and concrete casing, laid complete, including extra excavation and all incidentals and appurtenances; per linear feet, $4	96 00
2,035 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 80 cents	1,628 00
14 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	700 00
One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin, $130	130 00
6,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	108 00
One (1) drop manhole complete, with iron head and cover, including all incidentals and appurtenances; per manhole, $150	150 00
Total	$5,868 50

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 Two Thousand Nine Hundred Dollars ($2,900).

NO. 5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN 68TH ST., BETWEEN 11TH AND 12TH AVES.

The Engineer's preliminary estimate of the quantities is as follows:

748 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.80	$1,346 40
1,007 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, 80 cents	805 60
6 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	300 00
One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin, $120	120 00
Total	$2,572 00

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be One Thousand Two Hundred Dollars ($1,200).

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 contracts 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., Brooklyn.

ALFRED E. STEERS, President.

m7,19

☞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 2, BOROUGH HALL, BOROUGH OF BROOKLYN.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough, at the above named office, until 11 o'clock a. m., on

WEDNESDAY, MARCH 19, 1913.

1. FOR FURNISHING AND INSTALLING METALLIC CASES AND FIXTURES AND ELECTRIC LIGHTING OF SAME, IN THE REGISTER'S OFFICE, KINGS COUNTY HALL OF RECORDS, BOROUGH OF BROOKLYN.

The time allowed for doing and completing the entire work and the full performance of the contract is 150 consecutive working days.

The amount of security required will be Seventy-five Hundred ($7,500) Dollars.

2. FOR RELAUNDERING TOWELS USED IN THE VARIOUS PUBLIC BUILDINGS, BATHS AND COMFORT STATIONS.

The time allowed for the completion of the work and the full performance of the contract is until December 31, 1913.

The amount of security required will be Fifteen Hundred ($1,500) Dollars.

3. FOR FURNISHING AND DELIVERING 684,000 POUNDS OF ICE TO THE VARIOUS PUBLIC BUILDINGS, BATHS AND COMFORT STATIONS.

The time allowed for the completion of the work and the full performance of the contract is until February 28, 1914.

The amount of the security for the performance of the contract shall be 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 per pound, each, hundred 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.

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 Public Buildings and Offices, Room 29, Municipal Building, Borough of Brooklyn.

ALFRED E. STEERS, President. m7,19

☞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, March 12, 1913.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

WEDNESDAY, MARCH 12, 1913, TO 4 P. M. WEDNESDAY, MARCH 26, 1913,

for the position of

STENOGRAPHER AND TYPEWRITER (MALE AND FEMALE) GRADES 2 AND 3.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., March 26, 1913, will be accepted.

The date of the examination will be announced later.

The subjects and weights of the examination are as follows: Dictation, 6 (of which Rapidity in taking shorthand notes will count 2 and Accuracy will count 4); Tabulation, 2 (and facility in deciphering notes); Speed, 1 (in transmitting from plain copy to machine); Spelling, 1. Seventy per cent. will be required on the Dictation test and seventy per cent. on all.

In the Dictation test, four readings will be given: One at 100 words per minute, one at 110 words per minute, one at 120 and one at 130 words per minute, carrying the ratings, respectively, of seventy per cent., eighty per cent., ninety per cent. and one hundred per cent. on Rapidity.

In rating Accuracy, exactness, correctness of form, neatness, freedom from interlineation, alterations, etc., will all be considered.

Time limits will be set in connection with each test.

Candidates must furnish their own notebooks, typewriting machines, pens and ink. The Commission will not at any time or in any way be responsible for machines, nor will any allowance be made where they are missing, late in arriving, defective or out of order, on the day of the examination.

All persons passing the examination will be rated as Second Grade Stenographers and Typewriters. All passing with a percentage of eighty-five will be rated as Third Grade Stenographer and Typewriter, provided they have also qualified on the 120 or 130 word test.

Minimum age, 18 years. Vacancies occur constantly. Salary, from $600 to $1,650 per annum.

Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same.

F. A. SPENCER, Secretary. m12,26

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, March 7, 1913.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

FRIDAY, MARCH 7, 1913, TO 4 P. M. FRIDAY, MARCH 21, 1913,

for the position of

DOCKMASTER.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., March 21, 1913, will be accepted.

The date of the examination will be announced later.

Physical examination will precede the mental.

The subjects and weights of the examination are as follows: Experience, 4; duties, 6. Seventy per cent. will be required on the duties paper and seventy per cent. on all.

Candidates should have waterfront experience in the checking of loads, handling of cargoes, docking of vessels, or have been in a steamship company's office.

Candidates will be required to show knowledge of the wharfage facilities of the City, the assignment to and leasing of docks and marginal streets, discharging of heavy cargoes, etc., and the rules governing the Department of Docks and Ferries.

Minimum age, 21 years; maximum age, 45 years. Salary, $1,800 per annum. Vacancies existing in Department of Docks and Ferries.

Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same.

F. A. SPENCER, Secretary.. m7,21

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, February 1, 1913.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

SATURDAY, FEBRUARY 1, 1913, TO 4 P. M WEDNESDAY, MARCH 19, 1913,

for the position of

PATROLMAN, POLICE DEPARTMENT.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., Wednesday, March 19, 1913, will be accepted.

The subjects and weights of the examination are as follows: Physical development and strength, 50; Mental test, 50.

The subjects and weights of the mental test are as follows: Memory test, 3; Arithmetic, 2; Government and elementary duties, 5. Seventy per cent. will be required on the mental examination; seventy per cent. will be required on physical development; seventy per cent. will be required on strength; seventy per cent. will be required on all.

Applications will be received from persons who are twenty-one (21) years of age on or before the date of the mental examination. Applications will not be received from persons who are more than twenty-nine (29) years of age on the date of filing applications.

Applicants must be not less than 5 feet 7½ inches in height.

Applicants will be notified later of the date of the physical examination.

The MENTAL examination will be held on MONDAY, JUNE 23, 1913, at ten o'clock a. m.

Applicants will be required to submit with their applications a transcript of the records of the Bureau of Vital Statistics showing the date of birth, or, in lieu thereof, an authenticated transcript from the records of the church in which they were baptized, or other satisfactory proof.

All foreign-born applicants will be required to submit evidence of citizenship; naturalization papers should be attached to application.

The requirement that every application shall bear the certificates of four reputable citizens whose residences or places of business are within The City of New York is waived for applicants for this examination whose previous occupation or employment has been wholly or in part outside The City of New York, and the said certificates will be accepted from persons resident or engaged in business elsewhere.

The provision of the rules to the effect that no person who has failed in or withdrawn from an examination shall be admitted within nine months to a new examination for the same position is waived for this examination.

Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same.

F. A. SPENCER, Secretary. f1,m19

DEPARTMENT OF FINANCE.

Confirmation of Assessments.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF RICHMOND:

FIRST, SECOND AND FOURTH WARDS.

CONSTRUCTING CURB AND GUTTER ON PATTEN STREET, between Broad st. and end of street; on south side of CASTLETON AVENUE, between Brighton ave. and Sailors Snug Harbor property; and CURB AND SIDEWALK on south side of FINGERBOARD ROAD, between Summer st. and railroad crossing. Area of assessment affects property in District 2, Plot 8, Block 3, Ward 1, Sailors Snug Harbor property. Plots 4 and 5 in Ward 2, Plot 7, Ward 4, Lot 19, being property improved as above.

CONSTRUCTING SIDEWALKS IN JACKSON STREET, between William st. and Beach st.; PEARL ST., between Trossach road and end of street; SAND ST., between Bay st. and railroad crossing; PROSPECT ST., between Bay st. and railroad crossing; HOPE AVE., south side, between New York ave. and railroad crossing; BELMONT PLACE, between Fort place and Vine st.; BROOK ST., between Westervelt ave. and Jersey st.; BROOK ST., between Westervelt ave. and Richmond turnpike, and CASTLETON AVE., south side, between Kissel ave. and Sailors Snug Harbor property. Area of assessment affects property in front of which said sidewalks were laid.

—that the same were confirmed by the Board of Assessors March 11, 1913, and entered March 11, 1913, 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 in 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 the 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 Borough Hall, St. George, Borough of Richmond, 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 May 10, 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 assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller

City of New York, Department of Finance, Comptroller's Office, March 11, 1913. m17,27

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, SECTION 11.

WEST ONE HUNDRED AND SEVENTY-NINTH STREET, SOUTH SIDE—ERECTING GUARD RAIL, between Cedar ave. and Sedgwick ave. Area of assessment affects Lots 120 and 122, in Block 2881.

EAST ONE HUNDRED AND SEVENTY-THIRD STREET—PAVING AND SETTING CURB, from 3d ave. to Fulton ave. Area of assessment: Both sides of E. 173d st., from Fulton ave. to 3d ave., and to the extent of half the block at the intersecting avenues.

GRAND AVENUE—PAVING AND ADJUSTING CURB, from Tremont ave. to Burnside ave. Area of assessment: Both sides of Grand ave., from Tremont ave. to Burnside ave., and to the extent of half the block at the intersecting avenues.

TWENTY-FOURTH WARD, SECTION 12.

PERRY AVENUE—PAVING AND ADJUSTING CURB, from Mosholu Parkway North to Gun Hill road. Area of assessment: Both sides of Perry ave., from Mosholu Parkway to Gun Hill road, and to the extent of half the block at the intersecting streets.

PERRY AVENUE AND EAST TWO HUNDRED AND FIFTH STREET—RECEIVING BASIN, at the northwest corner. Area of assessment affects property in Block 3341.

TWENTY-THIRD WARD, SECTION 9.

PLIMPTON AVENUE—PAVING AND SETTING CURB, from Boscobel ave. to W. 169th st. Area of assessment: Both sides of Plimpton ave., from Boscobel ave. to W. 169th st., and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors March 11, 1913, and entered March 11, 1913, 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 in 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 Ar-

rears of Taxes and Assessments and of Water Rents, in the Bergen Building, fourth floor, 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 May 10, 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 assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, March 11, 1913. m17,27

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF MANHATTAN:

EIGHTEENTH WARD, SECTION 3.

EAST TWENTY-THIRD STREET—RESTORING ASPHALT PAVEMENT in front of Nos. 110 to 120. Area of assessment: South side of East 23d street, 150 feet west of Lexington avenue, known as Lot 65, in Block 878.

TWENTY-SECOND WARD, SECTION 4.

WEST FORTY-FOURTH STREET—RESTORING ASPHALT PAVEMENT in front of Nos. 216-232. Area of assessment: South side of West 44th street, 207 feet west of 7th avenue, known as Lot 41, in Block 1015.

WEST SIXTY-EIGHTH STREET—RESTORING ASPHALT PAVEMENT in front of No. 328. Area of assessment: South side of West 68th street, about 389 feet west of West End avenue, known as Lot 49, in Block 1179.

The above assessments were certified to the Collector of Assessments and Arrears, under the provisions of section 391 of the Greater New York Charter.

—that the same was entered on March 6, 1913, 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 in section 1019 of said 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, 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 May 5, 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 assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, March 6, 1913. m10,20

Corporation Sales of Buildings.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRSIDENT OF the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Brooklyn,

Being the buildings, parts of buildings, etc., standing within the lines of Malbone st., from New York ave. to Brooklyn ave., in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund adopted at a meeting held September 18, 1912, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

THURSDAY, MARCH 20, 1913.

at 12 m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel No. 4. Four-story frame building, No. 431 New York ave. Upset price, $300.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 12 m., on the 20th day of March, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately, and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened March 20, 1913," and must be delivered, or mailed in time for their delivery, prior to 12 m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, March 1, 1913. m7,24

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Brooklyn.

Being the buildings, parts of buildings, etc., standing within the lines of Union st., from Utica ave. to Rochester ave., in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund adopted at a meeting held February 26, 1913, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel, of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

FRIDAY, MARCH 21, 1913.

at 11 a. m., in lots and parcels and in manner and form and at upset prices, as follows:

Parcels Nos. 144-147. Part of four two-story brick houses, 1766-1768-1770-1772 Union st. Cut 7.4 feet on east and west sides by 80 feet. Upset price, $100.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m., on the 21st day of March, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened March 24, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, March 1, 1913. m5,21

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes in the

Borough of Brooklyn,

Being all the buildings, parts of buildings, etc., standing within the lines of 77th st., from 12th ave. to 15th ave., in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, No. 280 Brodway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held February 26, 1913, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

THURSDAY, MARCH 20, 1913.

at 11 a. m., in lots and parcels and in manner and form and at upset prices, as follows:

Parcel No. 351. Part of one-story frame building on the southeast corner of 14th ave. and 77th st. Cut 2.78 feet on front by 2.6 feet on rear. Upset price, $10.00.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m., on the 20th day of March, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale, as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number and description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened March 20, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, March 1, 1913. m4,20

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York, acquired by it for street opening purposes, in the

Borough of Brooklyn,

Being the buildings, parts of buildings, etc., standing within the lines of 26th avenue, from Stillwell avenue to Harway avenue, in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund adopted at a meeting held February 26, 1913, the sale by sealed bids at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

WEDNESDAY, MARCH 19, 1913.

at 11 a. m., in lots and parcels and in manner and form and at upset prices, as follows:

Parcels Nos. 1-2. Part of two-story frame house at southeast corner of Harway and 26th avenues. Cut 2 feet on south side by 14 feet on rear. Upset price, $40.

Parcel No. 3. Two-story frame house, with store, north of Parcels 1-2. Upset price, $400.

Parcel No. 4. Part of two-story frame house on northeast corner of Harway and 26th avenues. Cut 16 feet on front by 5 feet on north side from rear corner. Upset price, $25.

Parcel No. 35. Part of one-story frame house on the north side of 26th avenue, between Bath avenue and Benson avenue. Cut 7 feet on south side by 4 feet on east side. Also shed 10 feet by 12 feet. Upset price, $5.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m., on the 19th day of March, 1913, and then publicly opened for the sale for removal of the above described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened March 19, 1913," and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City," from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, February 27, 1913. m3,19

Sales of Tax Liens.

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 and March 12, 1913, has been continued to

WEDNESDAY, APRIL 2, 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 March 12, 1913.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. m14,a2

NOTICE OF CONTINUATION OF 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 and March 10, 1913, has been continued to

MONDAY, MARCH 31, 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 March 10, 1913. m11,31

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 and March 4, 1913, has been continued to

TUESDAY, MARCH 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 March 4, 1913. m6,25

Interest on City Bonds and Stock.

THE INTEREST DUE ON APRIL 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 interest due on April 1, 1913, on the Coupon Bonds and Stock of the present and former City of New York and of former corporations now included therein, except the former County of Queens, will be paid on that day at the office of the Guaranty Trust Co., Standard Branch, 25 Broad st.

The Coupons that are payable on April 1, 1913, for interest on bonds issued by the former County of Queens will be paid on that day at the Queens County Bank, Branch of the Corn Exchange Bank, Borden ave. and Front st., Long Island City.

The books for the transfer of bonds and stock on which interest is payable on April 1, 1913, will be closed from March 15 to April 1, 1913.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, March 1, 1913. m1, a1

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.

BOARD OF ASSESSORS.

Completion of Assessments.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or 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 The Bronx.

3070. Sewer and appurtenances in E. 236th st. between Napier ave. and Mt. Vernon ave.

Affecting block number 3364.

Borough of Queens,

2998. Sewer in Jamaica ave. between 13th and 18th aves., 1st ward.

Affecting block numbers 210, 211, 218, 219, 226, 227, 233, 234, 241 and 242.

3077. Sewer in Grand ave. between 11th ave. and Steinway ave., 1st ward.

Affecting block numbers 183 and 184.

3078. Receiving basin and appurtenances on Webster avenue on the northwest corner of Hancock st.; on the northeast and northwest corners of the Boulevard; on the northwest, northeast, southwest and southeast corners of Marion st., on the northwest, northeast and southeast corners of Van Alst ave.; on the southeast corner of Sunswick st. and on the southeast corner of Ely ave., 1st ward.

Affecting block numbers 39 to 45 inclusive and 56 to 60 inclusive.

3079. Receiving basin on the southwest corner of Wainwright place and Central ave., 5th ward.

Affecting block number 29.

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 April 15, 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, March 13, 1913. m13,24

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or 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,

3073. Repairing sidewalk in front of Nos. 54 to 58 E. 134th st.

Affecting Lot Nos. 46, 47 and 48 of Block 1758.

Borough of The Bronx.

3068. Receiving basin on the west side of Clay ave., opposite Wendover ave.

Affecting property owned by The City of New York known as Claremont Park.

3076. Filling in sidewalk, raising and resetting flagging on the easterly side of Andrews ave., 204 feet north of Burnside ave.

Affecting Lot 10 of Block 3216.

Borough of Queens,

2997. Sewer in Hancock st., from Webster ave. to a point 290 feet north of Payntar ave., 1st Ward.

Affecting Block Nos. 53, 54, 147 and 148.

2999. Receiving basin on the northeast corner of Judson ave. and Boulevard, Rockaway Beach, 5th Ward.

Affecting Block 33.

3002. Sewer in Van Alst ave., between Ditmars and Hoyt aves., 1st Ward.

Affecting Block Nos. 150 to 152, 158 to 160.

3003. Sewer in Wilbur ave., between Academy and Radde sts.

Affecting Block Nos. 98 and 111.

3004. Sewer in Wilbur ave., between Radde and Prospect sts.

Affecting Block Nos. 99 and 110.

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 April 8, 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, March 8, 1913. m8,19

DEPARTMENT OF EDUCATION.

Proposals.

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 3 o'clock p. m., on

MONDAY, MARCH 31, 1913.

Borough of Manhattan.

FOR ALTERATIONS, REPAIRS, ETC., AT PUBLIC SCHOOLS 6, 18, 27, 53, 59, 73, 74, 76, 77, 82, 96, 116, 117, 135 AND 158, BOROUGH OF MANHATTAN.

The time allowed to complete the whole work on each school will be fifty-five (55) working days, as provided in the contract.

The amount of security required on each school is as follows:

Public School 6, $400; Public School 18, $500; Public School 27, $300; Public School 53, $300; Public School 59, $400; Public School 73, $400; Public School 74, $500; Public School 76, $300; Public School 77, $300; Public School 82, $300; Public School 96, $400; Public School 116, $300; Public School 117, $200; Public School 135, $300; Public School 158, $400.

A separate proposal must be submitted for each school, and award will be made thereon.

The deposit accompanying bid on each school shall be five per centum of the amount of security.

Bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated March 19, 1913. m19,31

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the above office of the Department of Education until 11 a. m., on

FRIDAY, MARCH 28, 1913.

FOR FURNISHING GYMNASTIC APPARATUS, PLAYGROUND APPARATUS, SWING FRAMES, AWNING FRAMES, ROCK-A-BYE SWINGS, ETC., FOR VACATION PLAYGROUNDS AND EVENING RECREATION CENTRES OF THE CITY OF NEW YORK.

The time for the furnishing of the materials and supplies and the performance of the contract is within thirty (30) consecutive working days.

The amount of security required is fifty (50) per cent. of the amount of the contract.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, by which the bids will be tested. Award will be made to the lowest bidder on each item.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, the Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated March 17, 1913. m17,28

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings, at the above office of the Department of Education, until 4 o'clock p. m., on

MONDAY, MARCH 24, 1913.

Borough of The Bronx.

FOR FURNITURE, ETC., FOR ADDITIONS TO PUBLIC SCHOOL 39, ON THE NORTHERLY SIDE OF LONGWOOD AVE., BETWEEN KELLY AND BECK STS., BOROUGH OF THE BRONX.

The time allowed to complete the whole work on each item will be thirty (30) working days, as provided in the contract.

The amount of security required is as follows: Item 1, $500; Item 2, $800; Item 3, $1,000; Item 4, $500; Item 5, $500.

A separate proposal must be submitted for each item, and award will be made thereon.

The deposit accompanying bid on each item shall be five per centum of the amount of security.

Bidders must state the price of each item, by which the bids will be tested.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated March 12, 1913. m12,24

☞**See General Instructions to Bidders on the last page, last column, of the "City Record."**

BOARD OF ESTIMATE AND APPORTIONMENT.

Notices of Public Hearings.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Board of Estimate and Apportionment, in pursuance of a resolution duly adopted by said Board on the 13th day of March, 1913, in accordance with the provisions of chapter 776 of the Laws of 1911, known as the New York City Freight Terminals Act, will hold a public hearing in Room 16, City Hall, in the Borough of Manhattan, City of New York, at 10.30 o'clock in the forenoon, on the 3d day of April, 1913, relative to the application of the Commissioner of Docks to the Board of Estimate and Apportionment to have said Board certify the plan for terminal facilities and equipment thereof and therefor, which plan is dated January 15, 1913, and was heretofore duly adopted by the Commissioner of Docks on February 19, 1913, under authority of a resolution of the Board of Estimate and Apportionment adopted on February 13, 1913, in pursuance of section 3 of chapter 776 of the Laws of 1911. The said terminal facilities and the equipment thereof and therefor is to be located upon the following described lands and lands under water, situate, lying and being in the Borough of Queens, in The City of New York, bounded and described as follows:

Bounded by Hunters Point avenue, Van Dam street, Nott avenue, School street, Thompson avenue, Meadow street and the north shore freight connection of the Long Island Railroad, and includes water and car float connections on Dutch Kills Creek at its head near Hunters Point avenue.

Said plan is on file in the office of the Secretary of the Board of Estimate and Apportionment of The City of New York, at No. 277 Broadway, Borough of Manhattan, City of New York, Room 1406, and is open to the inspection of all persons whom it may concern.

Notice is further given that at such meeting all parties in interest will be heard by the Board of Estimate and Apportionment prior to the adoption of any resolution by said Board in the premises.

Dated New York, March 15, 1913.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment. m17,22

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on March 6, 1913, the Board adjourned until March 27, 1913, the hearing on the proposed area of assessment in the matter of acquiring title to Amory avenue, from Metropolitan avenue to Bleeker street, and Stanhope street, from Woodward avenue to Metropolitan avenue, Borough of Queens.

The hearing will be held in the old Council Chamber, Room 16, City Hall, Borough of Manhattan, City of New York, on Thursday, March 27, 1913, at 10.30 o'clock a. m.

The following is the proposed area of assessment in the proceeding:

Beginning at a point on the northerly line of Metropolitan avenue where it is intersected by the prolongation of a line distant 100 feet northeasterly from and parallel with the northeasterly line of Amory avenue, the said distance being measured at right angles to Amory avenue, and running thence southeastwardly along the said line parallel with Amory avenue and along the prolongation of the said line to the intersection with a line midway between Amory court and Stanhope street; thence northeastwardly along the said line midway between Amory court and Stanhope street and along the prolongation of the said line to the intersection with the northerly line of Metropolitan avenue; thence northwardly at right angles to Metropolitan avenue, a distance of 100 feet; thence eastwardly and parallel with Metropolitan avenue to the intersection with a line at right angles to Metropolitan avenue and passing through a point on its southerly side where it is intersected by a line midway between Stanhope street and Himrod street; thence southwardly along the said line at right angles to Metropolitan avenue to the intersection with its southerly side; thence southwestwardly along the said line midway between Stanhope street and Himrod street to the intersection with a line bisecting the angle formed by the intersection of the southerly line of Metropolitan avenue and the northeasterly line of Amory avenue; thence eastwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the southwesterly line of Forest avenue and the prolongation of the northeasterly line of Amory avenue; thence southeastwardly along the said bisecting line to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of Amory avenue, the said distance being measured at right angles to Amory avenue; thence southeastwardly along the said line parallel with Amory avenue and along the prolongation of the said line to the intersection with the northerly line of Bleeker street; thence southwardly and parallel with Forest avenue to the intersection with the prolongation of a line distant 100 feet southeasterly from and parallel with the southeasterly line of Bleeker street as this street adjoins Amory avenue, the said distance being measured at right angles to Bleeker street; thence southwestwardly along the said line parallel with Bleeker street and along the prolongation of the said line to the intersection with the prolongation of a line midway between Amory avenue and Grandview avenue as these streets are laid out between Harman street and Greene street; thence northwestwardly along the said line midway between Amory avenue and Grandview avenue and along the prolongation of the said line to a point midway between Stanhope street and Himrod street; thence southwestwardly and always midway between Stanhope street and Himrod street to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of Woodward avenue, the said distance being measured at right angles to Woodward avenue; thence northwestwardly along the said line parallel with Woodward avenue to a point distant 100 feet northwesterly from the northwesterly line of Stanhope street, the said distance being measured at right angles to Stanhope street; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Stanhope street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Amory avenue and Grandview avenue as these streets are laid out between Rene place and Amory court; thence northwestwardly along the said bisecting line to the intersection with the southerly line of Metropolitan avenue; thence northwardly at right angles to Metropolitan avenue, a distance of 200 feet; thence eastwardly and parallel with Metropolitan avenue to the intersection with a line at right angles to Metropolitan avenue and passing through the point of beginning; thence southwardly along the said line at right angles to Metropolitan avenue to the point or place of beginning.

Dated March 14, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; telephone, 2280 Worth. m14,25

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on March 6, 1913, the Board adjourned until March 27, 1913, the hearing on the proposed removal of sidewalk encroachments on the following streets in the Borough of Manhattan:

Broad street, from the southerly curb line of Wall street to the northerly curb line of Water street.

Beaver street, from the easterly curb line of Whitehall street to the westerly curb line of Pearl street.

Exchange place, from the easterly curb line of Broadway to the westerly curb line of Hanover place.

Wall street, from the easterly curb line of Broadway to the westerly curb line of Pearl street.

Pine street, from the easterly curb line of Broadway to the westerly curb line of Pearl street.

Cedar street, from the easterly curb line of West street to the westerly curb line of Pearl street.

The hearing will be held in the old Council Chamber, Room 16, City Hall, Borough of Manhattan, City of New York, on Thursday, March 27, 1913, at 10.30 o'clock a. m.

Dated March 14, 1913.

JOSEPH HAAG, Secretary, 277 Broadway; telephone, 2280 Worth. m14,25

Franchise Matters.

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day the public hearing on the proposed form of contract for the grant of a franchise to The Brooklyn and North River Railroad Company to construct, maintain and operate a street surface railway from Fulton st. and Flatbush ave. to the North River by way of the Flatbush Avenue Extension, Manhattan Bridge and Canal street, Boroughs of Brooklyn and Manhattan, which was by resolution adopted January 30, 1913, fixed for this day, was continued until March 27, 1913, at 10.30 o'clock a. m., in Room 16, City Hall, Borough of Manhattan, when all persons interested will have an opportunity to appear and be heard.

JOSEPH HAAG, Secretary.

Dated New York, March 13, 1913. m15,27

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day consideration was had of the communication from the Public Service Commission for the First District transmitting resolutions as to 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 42d street, and requesting the approval and consent of this Board thereto, and such consideration was continued until March 27, 1913, at 10.30 o'clock a. m., in Room 16, City Hall, Borough of Manhattan.

JOSEPH HAAG, Secretary.

Dated New York, March 13, 1913. m15,27

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day a public hearing was had on the petition of the Harrison Street Cold Storage Company for the consent of the Board to surrender and have cancelled contract dated December 27, 1909, by and between the company and the City authorizing the company to install, maintain and use pipes in certain districts in the Borough of Manhattan for the distribution of refrigeration to consumers, and the hearing was continued until April 24, 1913, at 10.30 o'clock a. m., in Room 16, City Hall, Borough of Manhattan, when all persons interested will have an opportunity to appear and be heard.

JOSEPH HAAG, Secretary.

Dated New York, March 13, 1913. m15,27

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day the following resolutions were adopted:

Whereas, The Stock Quotation Telegraph Company has by a petition verified February 6, 1912, applied to this Board for its consent and approval to the continuance of its business, and the continued use and occupation of the streets of The City of New York, for the maintenance and operation of its system of wires and cables connecting its offices with each other, and with other offices and subscribers in the said City so as to allow of the collection and exchange by means of telegraph instruments, commonly known as "Morse instruments," of general news, financial news and other matters of general interest, and the distribution of the same over the said wires and cables to printing telegraph instruments, commonly known as "stock tickers," and

Whereas, Sections 72, 73 and 74 of the Greater New York Charter, as amended by chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws this Board adopted a resolution on March 28, 1912, fixing the date for the public hearing thereon as April 25, 1912, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the "Herald" and the "New York Press," newspapers designated by the Mayor, and in the CITY RECORD for ten (10) days immediately prior to the date of hearing, and the public hearing was had on such date; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for, and proposed to be granted to The Stock Quotation Telegraph Company, and the adequacy of the compensation to be paid therefor; now, therefore, it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by The Stock Quotation Telegraph Company containing the form of proposed contract for the grant of such franchise or right be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to The Stock Quotation Telegraph Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all of the terms and conditions, including the provisions as to rates 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:

Proposed Form of Contract.

This Contract, made this day of 1913, 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 Stock Quotation Telegraph Company (hereinafter called the Company), party of the second part, witnesseth:

In 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 right and privilege to lay, construct, maintain and operate suitable wires or other electrical conductors under the streets and avenues within the Borough of Manhattan and the portion of the Borough of The Bronx lying west of the Bronx River, and to lay, construct, maintain and operate suitable wires or other electrical conductors, and the necessary conduits for the same, under the streets and avenues within the Borough of Brooklyn, and the Borough of Queens, for the purpose of electrically connecting its offices with each other and with other offices and with subscribers, so as to allow of the collection and exchange by means of telegraph instruments, commonly known as "Morse instruments," of general news, financial news and other matters of general interest, and the distribution of the same over the said wires and cables to printing telegraph instruments, commonly known as "stock tickers," and for no other purpose whatsoever.

Sec. 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The said right and privilege to lay, construct, maintain and operate wires or other electrical conductors in conduits, and on bridges, for the purposes aforesaid, shall be held and enjoyed by the Company for the term of fifteen (15) years from January 1, 1913, with the privilege of renewal of said contract for a further period of ten (10) years, upon a fair revaluation of said right and privilege.

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 after the expiration of the original term of this contract, then the annual rate of compensation for such succeeding ten (10) 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 ap-

praisers 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 this original 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:

1. The sum of ten thousand dollars ($10,000) in cash within thirty (30) days after the date upon which this contract is signed by the Mayor.

2. The further sum of five thousand dollars ($5,000) in cash for use and occupation of the streets of the City since October 4, 1911, to be paid within thirty (30) days after the signing of this contract by the Mayor.

3. During the first term of five years, an annual sum which shall in no case be less than forty-five hundred dollars ($4,500) and which shall be equal to three (3) per cent. of its gross annual receipts within the City, exclusive of rentals from its building or buildings, if such percentage shall exceed the sum of forty-five hundred dollars ($4,500).

4. During the second term of five (5) years, an annual sum which shall in no case be less than six thousand dollars ($6,000), and which shall be equal to four (4) per cent. of its gross annual receipts within the City, exclusive of said rentals, if such percentage shall exceed the sum of six thousand dollars ($6,000).

5. During the remaining term of this original contract, an annual sum which shall in no case be less than seventy-five hundred dollars ($7,500), and which shall be equal to five (5) per cent. of its gross annual receipts within the City, exclusive of said rentals, if such percentage shall exceed the sum of seventy-five hundred dollars ($7,500).

6. Such further sum or sums as may be imposed by the Bridge Commissioner for the use of such bridge or bridges under his jurisdiction as he may permit.

The annual charges shall commence from the date on which this contract is signed by the Mayor.

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 moneys due when this contract is signed by the Mayor shall be paid into the Treasury of the City within thirty (30) days immediately following such date, and provided further that the first annual payment thereafter 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 he 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.

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 taxes 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 company providing for payment for similar 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, shall be valid or effectual for any purpose, unless the said assignment, 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—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 wires and equipment 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 wires 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.

Sixth—The Company shall construct, maintain and operate its electric system 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 and in strict compliance with all laws or ordinances or departmental rules and regulations now in force, or which may be adopted, affecting companies operating electrical conductors in the City.

No construction or repair of said electrical system shall be commenced until written permits have been obtained from the proper City officials. In any permit so issued, such officials may 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 and the proper restoration of the surface of such streets and avenues over which such officials have jurisdiction, and the Company shall comply with such conditions.

Upon completion of any work or construction, the Company 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 structures erected, installed or constructed under this contract, and the location and dimensions of all substructures encountered during the progress of the work; the depth below the street surface of the new structures and of the substructures encountered must be shown, also their location with reference to the nearest curb line and the nearest curb line intersection.

The electrical and other equipment to be installed by the Company, whether the same be under streets and avenues, in any department of the City or in private property, shall be constructed and maintained subject to the approval and under the supervision and control of the Commissioner of Water Supply, Gas and Electricity.

Seventh—The plant, conduits, wires, conductors, connections, instruments and all appurtenances thereto, shall be constructed, maintained and operated in the latest approved manner and with the most modern and improved appliances, and it is hereby agreed that the Board may require the Company to improve or add to its plant, conduits, wires, conductors, connections, instruments and appurtenances, from time to time, as such additions or 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.

Eighth—All cables and wires of the Company laid pursuant to this contract shall be placed in ducts, conduits or subways (referred to in this paragraph as subways). In the Borough of Manhattan and that portion of the Borough of The Bronx west of the Bronx River, such subways shall be leased from the company or companies having control thereof under the provisions of law, or from the City, should it succeed to the rights of such company or companies. In the other territory in which the Company is authorized to operate by virtue of this contract, it may construct such subways as are necessary for the accommodation of its cables and wires and no more. If the City shall construct or acquire subways for electrical conductors of the character or tension of those used by the Company or similar companies, in any or all of the Boroughs, the Company hereby agrees to lay its wires and conductors in such subways and the City agrees to lease to the Company such space as may be necessary and available for the operation of the system hereby authorized. No cables or wires shall, in the future, be strung above the surface of the streets and avenues by the Company, and those at present in existence shall be removed and placed underground when and where required by the Board or the Commissioner of Water Supply, Gas and Electricity.

Ninth—The use of any bridge under the jurisdiction of the Department of Bridges shall be at the discretion of the Bridge Commissioner and in accordance with such terms and conditions and upon such reasonable charges as he may prescribe.

Tenth—It is a condition of this contract that the Company shall bear the entire expense of all work undertaken by reason of this grant. Any alteration to the sewerage or drainage system, or to any other subsurface or to any surface structures in the streets required on account of the construction or operation of the underground conduits herein authorized to be placed in the streets, 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 lay and maintain conduits shall not be in preference or in hindrance to public work of the City, and should the said conduits 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 its conduits and their 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 Company is hereby authorized to operate be changed at any time during the term of this contract, or any renewal thereof, the Company shall, at its own expense, change its conduits and appurtenances to conform with such new grades and lines, and during the construction of any public improvement upon said streets or avenues the Company shall take care of and protect its conduits 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.

Thirteenth—The Company shall, upon request from any individual or corporation occupying or owning premises in the territory in which the Company is authorized to operate, by this contract, not in arrears to it for service already rendered, extend its wires to such premises and furnish news or other service to such individual or corporation, provided that such premises are not more than one-half mile from any other premises in which the Company has its apparatus installed at the time such request is made.

Fourteenth—The Company shall file with the Board on the first day of November in each year a map or plan upon which shall be plainly and separately indicated the number of wires which were in use by the Company on September 30 preceding, and the streets in which the same are located, and also those which were put in use during the year preceding that date. It shall also file with the Department of Water Supply, Gas and Electricity, on or before the tenth day of each month, a map or plan of the locations in which wires have been placed by it during the preceding month.

Fifteenth—The rates to be charged by the Company shall not be in excess of the followirg, and it is agreed that the same may be altered or changed by the Board as hereinafter provided.

(a) For ordinary news service, including the rental of the printing telegraph or ticker, the sum of fifteen dollars ($15) a month, or one hundred and eighty dollars ($180) a year.

(b) For general news service, including the rental of the printing telegraph or ticker, the sum of twenty dollars ($20) a month, or two hundred and forty dollars ($240) a year.

(c) For financial news service, including the rental of the printing telegraph or ticker, the sum of forty dollars ($40) a month or four hundred and eighty dollars ($480) a year.

(d) For any other service furnished or to be furnished by the Company the rates charged shall be reasonable and fair and subject to the approval of the Board.

The Company agrees upon request of any Board, Department or Bureau of the City government, to furnish service to any and all buildings under the control of such Board, Department or Bureau, at one-half the rates above authorized to be charged by it for whatever class or classes of service may be required.

Sixteenth—During the term of this contract, or any renewal thereof, the Board shall have the power, by resolution, to regulate and fix the maximum and minimum rates to be charged by the Company in the City, provided such rates shall be reasonable and fair.

Seventeenth—The Company shall not require nor receive from its subscribers any deposit or advance payment in excess of what is reasonably necessary to insure payment of current bills, and on such amounts so paid the Company shall pay interest at the statutory rate whenever such money is held for more than one month. Unpaid bills, unless due from its owner, shall never be charged against property, and no person not himself in arrears shall be denied service because any previous occupant of the same premises is in arrears to the Company for service.

Eighteenth—The wires of the Company shall be employed for no other purposes than those explicitly set forth herein and the Company binds itself not to lay, use, lease or operate wires for illegal purposes or to illegal places.

Nineteenth—The Company shall assume all liability to persons or property by reason of the construction or operation of the system 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 defaults of the Company.

Twentieth—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 in the territory covered by this contract, or any part thereof.

Twenty-first—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 one hundred dollars ($100) 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.

Twenty-second—If for a period of twelve consecutive months, the system of the Company shall not be operated, or if the same shall not be operated for a period of eighteen months out of any consecutive twenty-four months, the Board may declare the right and franchise and this contract terminated without further proceedings at law or in equity.

Twenty-third—The Company shall at all times keep accurate books of account and shall, on or before November 1 in 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. Such report shall contain a statement of the gross receipts received from the operation of the system hereby authorized from all subscribers served by the Company in the City, together with such other information and in such form and detail 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.

Twenty-fourth—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 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 and officers 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 and location of premises served by the Company in the City.
16. Total receipts of the Company for each class of business in the City.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation in the City.
18. Total expenses for operation, including salaries, in the City.

—and such other information in regard to the business of the Company as may be required by the Board.

Twenty-fifth—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 twelve thousand dollars ($12,000), 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, especially those which relate to the payment of the annual charges for the privileges hereby granted, in default of which payment of the annual charges, the City shall collect the same, with interest, from the said fund after ten (10) days' notice to the Company.

In case of failure of the Company to comply with the terms of this contract relating to the filing of annual statements, furnishing of service to applicants as herein provided or its neglect or refusal to comply with any demand or direction of the Board or other municipal officials, made pursuant to the terms of this contract, or under the authority of any laws, ordinances or departmental regulations now or hereafter in force, in such case and in any of these events, the Company, except as herein otherwise provided, shall pay to the City a penalty of fifty dollars ($50) for each violation.

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 in writing, pay to the City a sum sufficient to restore said security fund to the original amount of twelve thousand dollars ($12,000), 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.

Twenty-sixth—In case of any violation or breach or failure to comply with any of the provisions herein contained, this contract may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the Company, or at the option of the Board, by resolution of said Board, which said resolution may contain a provision to the effect that the portion of its system constructed and in use by virtue of this contract and located in the public streets and avenues 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 the 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.

Twenty-seventh—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.

Twenty-eighth—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.

Twenty-ninth—The words "streets and avenues" or "streets or 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, included within the limits of the territory in which the Company is hereby authorized to operate.

Thirtieth—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets and avenues of the territory in which the Company is authorized to operate by this contract.

Sec. 3. It is understood that this contract is made without prejudice to any rights which the Company may have heretofore acquired, if any, to operate a telephone, telegraph or ticker business. However, the Company shall not exercise any right or privilege other than that herein authorized and recognized, and in accordance with the terms of this contract, except after final judicial determination in an action to which the City is made a party.

Sec. 4. 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.

Sec. 5. 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, unless and until, in an action brought or conducted as hereinbefore provided, the courts shall finally determine that the Company had heretofore acquired the right to carry on its business as now conducted without the necessity of obtaining this franchise or consent from the City. The Company further promises, covenants and agrees that in the event of a decision in its favor in any action brought, as provided in section 3, it will not claim or attempt to claim or demand any damage, penalty or recompense from The City of New York for any expense, expenditures, suits or other disadvantage incurred by it because of the entering into this contract with The City of New York, and hereby expressly waives and surrenders to the City any such claim or demand.

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 STOCK QUOTATION TELEGRAPH COMPANY,
By
President.

(SEAL.)
Attest:
Secretary.

(Here add acknowledgments.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted, and the adequacy of the compensation proposed to be paid therefor, and of the terms and conditions, including the provisions as to rates and charges, are as hereinbefore specified and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions for the grant of the franchise or right applied for by The Stock Quotation Telegraph Company and the said form of proposed contract for the grant of such franchise or right, containing said results of such inquiry, after the same shall be entered in the minutes of this Board shall be published for at least twenty (20) days immediately prior to Thursday, March 27, 1913, in the CITY RECORD, and at least twice during the ten (10) days immediately prior to Thursday, March 27, 1913, in two (2) daily newspapers to be designated by the Mayor therefor, and published in the City of New York at the expense of The Stock Quotation Telegraph Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment before authorizing any contract for the grant of the franchise or right applied for by The Stock Quotation Telegraph Company, and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right and before

adopting any resolution authorizing any such contract, will, at a meeting of said Board to be held in the City Hall, Borough of Manhattan, City of New York, on Thursday, March 27, 1913, at 10.30 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.

(The "Times" and "Evening Mail" designated.)

Dated New York, February 13, 1913.

JOSEPH HAAG, Secretary.

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DEPARTMENT OF STREET CLEANING.

Proposals.

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1403, NOS. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock m., on

WEDNESDAY, MARCH 26, 1913.

Borough of Manhattan.

FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles and the performance of the contract is by or before June 30, 1913.

The amount of security required is thirty per cent. (30%) of the amount of the bid or estimate.

Borough of The Bronx.

FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles and the performance of the contract is by or before June 30, 1913.

The amount of security required is thirty per cent. (30%) of the amount of the bid or estimate.

Borough of Brooklyn.

FOR FURNISHING AND DELIVERING FORAGE.

The time for the delivery of the articles and the performance of the contract is by or before June 30, 1913.

The amount of security required is thirty per cent. (30%) of the amount of the bid or estimate.

Bids must be submitted in duplicate, each in separate envelopes.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each contract and awards made to the lowest bidder on each contract.

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 Street Cleaning, the Borough of Manhattan, Nos. 13-21 Park Row.

WILLIAM H. EDWARDS, Commissioner.

Dated March 12, 1913. m14,26

☞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.

BOROUGH OF QUEENS.

Proposals.

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

FRIDAY, MARCH 28, 1913.

1. FOR CONSTRUCTING SEWER AND APPURTENANCES IN NOTT AVE., FROM VAN DAM STREET TO HULST STREET; IN ANABLE AVENUE, FROM VAN DAM STREET TO HULST STREET, AND IN HULST STREET, FROM ANABLE AVENUE TO NOTT AVENUE, FIRST WARD.

The Engineer's estimate of the quantities is as follows:

255 linear feet 3-foot 9-inch concrete sewer.
260 linear feet 3-foot 6-inch concrete sewer.
496 linear feet 3-foot 3-inch concrete sewer.
430 linear feet 3-foot 0-inch concrete sewer.
1,670 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.
625 linear feet 12-inch vitrified salt glazed culvert pipe.
100 linear feet 10-inch vitrified salt glazed culvert pipe.
4,950 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
5 double inlet basins, complete.
27 manholes, complete.
20 receiving basins, complete.
1 junction chamber, complete, including manhole at Nott ave. and Honeywell st.

The time allowed for completing the above work will be one hundred (100) working days.

The amount of security required will be Ten Thousand Dollars ($10,000).

2. FOR CONSTRUCTING SEWER AND APPURTENANCES IN HAMILTON AVENUE, FROM LIBERTY AVENUE TO JEROME AVENUE; WALNUT STREET, FROM LIBERTY AVENUE TO JEROME AVENUE; BRIGGS AVENUE, FROM LIBERTY AVENUE TO JEROME AVENUE; CHURCH STREET, FROM LIBERTY AVENUE TO JEROME AVENUE; KIMBALL AVENUE, FROM STOOTHOFF AVENUE TO LEFFERTS AVENUE, FOURTH WARD.

The Engineer's estimate of the quantities is as follows:

3,621 linear feet 12-inch vitrified salt glazed pipe sewer.
1,813 linear feet 18-inch vitrified salt glazed pipe sewer.
496 linear feet 20-inch vitrified salt glazed pipe sewer.
370 linear feet 12-inch vitrified salt glazed culvert pipe.
140 linear feet 10-inch vitrified salt glazed culvert pipe.
5,200 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
39 manholes, complete.
6 receiving basins, complete.
4 drop manholes, complete.
7 double receiving basins, complete.
10,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Eight Thousand Dollars ($8,000).

3. FOR CONSTRUCTING SEWER AND APPURTENANCES IN CYPRESS AVENUE, FROM COOPER STREET TO VERMONT AVENUE, SECOND WARD.

The Engineer's estimate of the quantities is as follows:

171 linear feet 6-foot 6-inch circular reinforced concrete sewer.
649 linear feet 3-foot 6-inch concrete sewer.
1,493 linear feet 3-foot 0-inch concrete sewer.
50 linear feet 2-foot 6-inch concrete sewer.
125 linear feet 12-inch vitrified salt glazed pipe sewer.
38 linear feet 15-inch vitrified salt glazed pipe sewer.
389 linear feet 18-inch vitrified salt glazed pipe sewer.
36 linear feet 24-inch vitrified salt glazed pipe sewer.
270 linear feet 12-inch vitrified salt glazed culvert pipe.
60 linear feet 10-inch vitrified salt glazed culvert pipe.
3,200 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
17 manholes, complete.
11 single receiving basins, complete.
3 double receiving basins, complete.
1 junction chamber at St. Felix ave., complete.
1 junction chamber at Alden ave., complete.
1 junction chamber at Tudor place, including manhole, complete.
125,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Twelve Thousand Dollars ($12,000).

4. FOR CONSTRUCTING SEWER AND APPURTENANCES IN LEFFERTS AVENUE, FROM LIBERTY AVENUE TO ATLANTIC AVENUE (PARK PLACE), FOURTH WARD.

The Engineer's estimate of the quantities is as follows:

518 linear feet 12-inch vitrified salt glazed pipe sewer.
467 linear feet 15-inch vitrified salt glazed pipe sewer.
477 linear feet 18-inch vitrified salt glazed pipe sewer.
1,474 linear feet 20-inch vitrified salt glazed pipe sewer.
50 linear feet 12-inch vitrified salt glazed culvert pipe.
20 linear feet 10-inch vitrified salt glazed culvert pipe.
2,100 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
19 manholes, complete.
1 receiving basin, complete.
1 drop manhole, complete.
1 double receiving basin, complete.
2,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be ninety (90) working days.

The amount of security required will be Four Thousand Dollars ($4,000).

5. FOR CONSTRUCTING SEWER AND APPURTENANCES IN LIBERTY AVENUE, FROM STOOTHOFF AVENUE TO CHESTER STREET; IN CEDAR AVENUE, FROM LIBERTY AVENUE TO KIMBALL AVENUE, AND IN CHESTNUT STREET, FROM LIBERTY AVENUE TO KIMBALL AVENUE, FOURTH WARD.

The Engineer's estimate of the quantities is as follows:

256 linear feet 2-foot 6-inch concrete sewer.
668 linear feet 12-inch vitrified salt glazed pipe sewer.
252 linear feet 24-inch vitrified salt glazed pipe sewer.
60 linear feet 12-inch vitrified salt glazed culvert pipe.
40 linear feet 10-inch vitrified salt glazed culvert pipe.
970 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
10 manholes, complete.
1 receiving basin, complete.
2 double inlet basins, complete.
8,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be ninety (90) working days.

The amount of security required is Two Thousand Five Hundred Dollars ($2,500).

6. FOR CONSTRUCTING SEWER AND APPURTENANCES IN DECATUR STREET, FROM MYRTLE AVENUE TO FOREST AVENUE, SECOND WARD.

The Engineer's estimate of the quantities is as follows:

754 linear feet 12-inch vitrified salt glazed pipe sewer.
850 linear feet 6-inch vitrified salt glazed pipe sewer.
7 manholes, complete.
2,000 feet, board measure, timber, for bracing and sheet piling.

The time allowed for completing the above work will be thirty (30) working days.

The amount of security required will be One Thousand Dollars ($1,000).

7. FOR CONSTRUCTING SEWER AND APPURTENANCES IN JEROME AVENUE, FROM OCEAN AVENUE, EAST SIDE, TO GREENWOOD AVENUE; IN McCORMACK AVENUE, FROM BEAUFORT AVENUE TO JEROME AVENUE; IN OXFORD AVENUE, FROM BEAUFORT AVENUE TO JEROME AVENUE; IN SEATTLE STREET, FROM BEAUFORT AVENUE TO JEROME AVENUE; IN PORTLAND AVENUE, FROM BEAUFORT AVENUE TO JEROME AVENUE, AND IN HERALD AVENUE, FROM JEROME AVENUE TO CROWN 265 FEET NORTH, FOURTH WARD.

The Engineer's estimate of the quantities is as follows:

1,077 linear feet 4-foot 0-inch concrete sewer.
487 linear feet 4-foot 6-inch reinforced concrete sewer.
3,426 linear feet 12-inch vitrified salt glazed pipe sewer.
240 linear feet 18-inch vitrified salt glazed pipe sewer.
230 linear feet 12-inch vitrified salt glazed culvert pipe.
60 linear feet 10-inch vitrified salt glazed culvert pipe.
2,400 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
42 manholes, complete.
7 receiving basins, complete.
3 double inlet basins, complete.
5,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Twelve Thousand Dollars ($12,000).

8. FOR CONSTRUCTING SEWER AND APPURTENANCES IN HULST STREET, FROM GREENPOINT AVENUE TO ANABLE AVENUE, FIRST WARD.

The Engineer's estimate of the quantities is as follows:

834 linear feet 12-inch vitrified salt glazed pipe sewer.
1,000 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
5 manholes, complete.

The time allowed for completing the above work will be thirty (30) working days.

The amount of security required will be One Thousand Dollars ($1,000).

9. FOR CONSTRUCTING RECEIVING BASIN ON NORTHEAST CORNER OF WILLOW STREET AND NORTH WILLIAM STREET, FIRST WARD.

The Engineer's estimate of the quantities is as follows:

30 linear feet 12-inch vitrified salt glazed culvert pipe.
1 receiving basin, complete.

The time allowed for completing the above work will be ten (10) working days.

The amount of security required will be One Hundred and Twenty-five Dollars ($125).

10. FOR CONSTRUCTING RECEIVING BASIN AT JACKSON AVENUE AND THE SOUTHEAST CORNER OF HONEYWELL STREET, FIRST WARD.

The Engineer's estimate of the quantities is as follows:

70 linear feet 12-inch vitrified salt glazed culvert pipe.
1 receiving basin.

The time allowed for completing the above work will be fifteen (15) working days.

The amount of security required will be One Hundred and Seventy-five Dollars ($175).

11. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN MADISON STREET, FROM MYRTLE AVENUE TO WYCKOFF AVENUE; IN WYCKOFF AVENUE, FROM MADISON STREET TO HALSEY STREET, AND IN HALSEY STREET, FROM WYCKOFF AVENUE TO IRVING AVENUE, SECOND WARD.

The Engineer's estimate of the quantities is as follows:

1,230 linear feet 5-foot 0-inch reinforced concrete sewer.
500 linear feet 4-foot 6-inch reinforced concrete sewer.
386 linear feet 4-foot 0-inch concrete sewer.
700 linear feet 3-foot 6-inch concrete sewer.
290 linear feet 12-inch vitrified salt glazed culvert pipe.
100 linear feet 10-inch vitrified salt glazed culvert pipe.
2,000 linear feet 6-inch vitrified salt glazed sewer pipe for house connections.
1 cleaning shaft, complete.
16 manholes, complete.
11 receiving basins, complete.
5 double inlet basins, complete.
1 connection, complete, with existing 11-foot 3-inch sewer.
75,000 feet, board measure, timber for bracing and sheet piling.

The time allowed for completing the above work will be one hundred and fifty (150) working days.

The amount of security required will be Fifteen Thousand Dollars ($15,000).

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, per linear foot or other unit of measure, by which the bids will be tested. The extension 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 and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated Long Island City, March 17, 1913.

MAURICE E. CONNOLLY, President.

m17,28

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, BOROUGH HALL, JACKSON AVE. ANE 5TH ST., LONG ISLAND CITY, NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens, at the above named office, until 11 a. m.,

MONDAY, MARCH 24, 1913.

FOR FURNISHING AND DELIVERING SUPPLIES, AS FOLLOWS:

1. FIVE HUNDRED (500) GROSS TONS BITUMINOUS COAL, AS PER SPECIFICATIONS, TO THE FAR ROCKAWAY DISPOSAL WORKS, 5TH WARD, BOROUGH OF QUEENS.

2. TWO HUNDRED (200) GROSS TONS PEA COAL, AS PER SPECIFICATIONS, TO THE NEWTOWN DISPOSAL WORKS, 2D WARD, BOROUGH OF QUEENS.

3. THREE HUNDRED AND THIRTY-THREE (333) NET TONS GOOD QUALITY "NO. 1" COMMON LIME, DELIVERED IN NOT LESS THAN FIFTY (50) BARREL LOTS, TO THE JAMAICA DISPOSAL WORKS, 4TH WARD, BOROUGH OF QUEENS, AND THE FAR ROCKAWAY DISPOSAL WORKS, 5TH WARD, BOROUGH OF QUEENS, AS DIRECTED BY THE PRESIDENT OF THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is during the year 1913, after the endorsement of the certificate of the Comptroller upon the executed contract, and as directed by the President of the Borough of Queens.

The amount of security for the performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms, specifications and further information may be obtained at the office of the President of the Borough of Queens, Jackson ave. and 5th st., Long Island City, New York.

Dated Long Island City, New York, March 13, 1913.

MAURICE E. CONNOLLY, President.

m12,24

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, THIRD 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 o'clock a. m., on

MONDAY, MARCH 24, 1913.

NO. 1. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS, BOROUGH OF QUEENS, TEN (10) DISTRIBUTING WAGONS, IN THE CORPORATION YARD, NOTT AVE., NEAR VERNON AVE., LONG ISLAND CITY.

The time allowed for the performance of the contract is twenty (20) calendar days.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 2. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS 300,000 GALLONS OF LIGHT ROAD OIL, OR REFINED TAR OIL, AS DIRECTED, IN THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is from on or about May 1, 1913, to October 1, 1913.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 3. FOR FURNISHING, DELIVERING AND ERECTING 440 STREET SIGNS, WITH POSTS, AND 60 SCHOOL SIGNS, WITH POSTS, WHERE DIRECTED, IN THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is ninety (90) calendar days.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 4. FOR FURNISHING AND DELIVERING LUMBER, AS DIRECTED, IN THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is thirty (30) calendar days.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

No. 5. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS 500,000 VITRIFIED PAVING BLOCKS, AS DIRECTED, IN THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is on or before July 1, 1913.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 6. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS 150,000 GALLONS OF BITUMINOUS ROAD SURFACING MATERIAL (TAR OR ASPHALT), AS DIRECTED, IN THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is on or before November 1, 1913.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 7. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS 100,000 ASPHALT PAVING BLOCKS, AS DIRECTED, IN THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is on or before July 1, 1913.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 8. FOR REPAIRING SHEET ASPHALT AND ALL WORK INCIDENTAL THERETO, IN THE 1ST AND 3D WARDS, IN THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be until December 15, 1913.

The amount of security required will be Four Thousand ($4,000) Dollars.

The Engineer's estimate of the quantities is as follows:

7,000 square yards of sheet asphalt pavement, laid outside of the railroad franchise area, including binder course.
80 cubic yards of concrete, outside of railroad area.
80 square yards of stone block pavement relaid, outside of railroad area.
1,000 square yards of sheet asphalt pavement, laid within the railroad franchise area.
20 cubic yards of concrete, within the railroad area.
20 cubic yards of stone block pavement relaid, within the railroad area.

NO. 9. FOR REPAIRING SHEET ASPHALT AND ALL WORK INCIDENTAL THERETO IN THE 2D AND 4TH WARDS OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be until December 15, 1913.

The amount of security required will be Six Thousand ($6,000) Dollars.

The Engineer's estimate of the quantities is as follows:

11,000 square yards of sheet asphalt pavement, laid outside the railroad franchise area, including binder course.
160 cubic yards of concrete, outside of railroad area.
80 square yards of stone block pavement relaid, outside of the railroad area.
3,000 square yards of sheet asphalt pavement, laid within the railroad franchise area, including binder course.
40 cubic yards of concrete, within the railroad area.
20 square yards of stone block pavement relaid, within the railroad area.

NO. 10. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS 28,000 CUBIC YARDS OF BROKEN STONE AND SCREENINGS OF TRAP ROCK, IN THE BOROUGH OF QUEENS.

The time allowed for the performance of the contract is on or before October 1, 1913.

The amount of the security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

NO. 11. FOR FURNISHING AND DELIVERING TO THE BUREAU OF HIGHWAYS FIVE (5) TEN (10) GROSS TON STEAM ROAD ROLLERS, AS DIRECTED, IN THE BOROUGH OF QUEENS.

The time allowed for the delivery of the road rollers shall be as follows:

Two (2) on or before twenty (20) days after being notified by the Borough President to begin delivery, and three (3) on or before fifty (50) days after said order has been issued, Sundays and holidays excluded.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

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 and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated Long Island City, New York, March 13, 1913.

MAURICE E. CONNOLLY, President.

m12,24

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT.

Proposals.

POLICE DEPARTMENT OF THE CITY OF NEW YORK, CENTRAL DEPARTMENT, BOROUGH OF MANHATTAN.

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner of the Police Department of The City of New York, at the Bookkeeper's Office, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan, in The City of New York, until 10 o'clock a. m., on

WEDNESDAY, MARCH 26, 1913.

FOR FURNISHING AND DELIVERING GASOLENE (LAUNCH NAPHTHA).

The time allowed for the performance of the contract is during the year 1913.

The amount of security will be thirty (30) per cent. of the total amount for which the contract is awarded.

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 equual value to the security required.

Such deposit shall be in amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price of each item or article contained in the specifications or schedules 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 total of each item, and the Police Commissioner will award the contract to the lowest bidder on each item for all the articles, materials or supplies specified and contained in the specifications and schedule.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, a copy of which, with the proper envelope in which tb 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 Commissioner, and any further information can be obtained at the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

R. WALDO, Police VCommissioner.

The City of New York, March 13, 1913.

m14,26

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT OF THE CITY OF NEW YORK, CENTRAL DEPARTMENT, BOROUGH OF MANHATTAN.

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner of the Police Department of The City of New York, at the Bookkeeper's Office, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan, in The City of New York, until 10 o'clock a. m., on

WEDNESDAY, MARCH 26, 1913.

FOR FURNISHING AND DELIVERING

1. OFFICE SUPPLIES, INCLUDING PHOTO SUPPLIES, STATIONERY, BOOKS BLANKS AND PRINTING OFFICE SUPPLIES.

2. OFFICE EQUIPMENT, INCLUDING STATIONERY, AND FINGER PRINT EQUIPMENT.

The time allowed for the performance of the contract is during the year 1913.

The amount of the security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

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 of each item or article contained in the specifications or schedules 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 total for each item, and the Police Commissioner will award the contract to the lowest bidder on each item for all the articles, materials or supplies specified and contained in the specifications and schedule.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, 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 Commissioner, and any further information can be obtained at the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

R. WALDO, Police Commissioner.

The City of New York, March 11, 1913.

m13,25

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT OF THE CITY OF NEW YORK, CENTRAL DEPARTMENT, BOROUGH OF MANHATTAN

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner of the Police Department of The City of New York, at the Bookkeeper's Office, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan, in The City of New York, until 10 o'clock a. m. on

TUESDAY, MARCH 25, 1913.

FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERECTING ALL THE MATERIALS REQUIRED FOR CONSTRUCTION WORK AND INSTALLATION OF NEW UNDERGROUND CABLES NECESSARY TO TRANSFER POLICE TELEPHONE SERVICE FROM OLD TO NEW POLICE HEADQUARTERS, BROOKLYN, AND INSTALL POLICE TELEPHONE SERVICE AT NEW POLICE STATIONS; BEACH AND VARICK STREETS, EIGHTH PRECINCT; EAST FIFTH STREET, FIFTEENTH PRECINCT; WEST ONE HUNDRED AND TWENTY-THIRD STREET, THIRTY-SEVENTH PRECINCT, AND SIMPSON STREET, BOROUGH OF THE BRONX, SIXTY-SECOND PRECINCT.

The time allowed for making and completing the work will be ninety (90) calendar days after the execution of the contract, the endorsement thereon of his certificate by the Comptroller, and the receipt by the contractor of a written order to deliver from the Police Commissioner.

The amount of the security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

With the bid deposit shall be made 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 for which he will do all the work, and provide, furnish and deliver all the labor and materials mentioned and described in said contract and specifications.

For particulars as to the nature and extent of the work required or of the materials to be furnished, bidders are referred to the specifications.

Bidders are requested to make their bids or estimates upon the blank form provided by the Commissioner, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, can be obtained upon application therefor at the office of the Commissioner, and any further information can be obtained at the office of the Superintendent of Telegraph, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

R. WALDO, Police Commissioner.

The City of New York, March 11, 1913.

m13,25

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

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.

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, MARCH 25, 1913.
Borough of Richmond,

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A TEMPORARY SANITARY SEWER AND APPURTENANCES IN VAN DUZER ST., FROM VANDERBILT AVE. TO CORNELL PLACE, 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:

387 linear feet of salt glazed vitrified pipe sewer of eight (8) inches interior diameter, all complete, as per section on plan of the work.

3 manholes, complete, as per section on plan of the work.

500 board measure feet of foundation timber and planking in place and secured.

4,000 board measure feet of sheeting, retained.

2 cubic yards of concrete, for cradle, etc., in place.

1 cubic yard of brick masonry.

25 cubic yards of broken stone ballast, furnished and placed.

25 cubic yards of additional excavation.

5 cubic yards of additional filling.

380 square feet of bluestone sidewalk, relaid.

1,030 square feet of cement sidewalk, restored.

10 linear feet of curb, reset.

12 square yards of block pavement on concrete foundation, restored.

The time for the completion of the work and the full performance of the contract is eighteen (18) days.

The amount of security required is Five Hundred Dollars ($500).

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO REGULATE AND GRADE KNOX ST., BETWEEN RICHMOND TERRACE AND MARKET ST.; TO SET CURBSTONE CORNERS, TO LAY CROSSWALKS AT INTERSECTING STREETS AND TO DO OTHER NECESSARY 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:

2,473 cubic yards of excavation.

2,593 cubic yards of filling, to be furnished, exclusive of that secured from excavation.

250 square yards of vitrified brick pavement, including sand bed, and laid with cement grout joints, with one (1) year maintenance.

50 cubic yards of concrete, for foundation.

170 linear feet of new five-inch by sixteen-inch (5 x 16) bluestone curbstone for corners, furnished and set.

320 linear feet of old curbstone to be reset.

600 square feet of old sidewalk to be relaid.

The time for the completion of the work and the full performance of the contract is forty (40) days.

The amount of security required is Twenty-one Hundred Dollars ($2,100).

The contracts must be bid for separately, and bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

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, S. I.

GEORGE CROMWELL, President.

The City of New York, March 6, 1913. m13,25

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

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 meetings 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.

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, MARCH 25, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO MAKE ALL THE REPAIRS NECESSARY TO THE ICE-MAKING PLANT ON HARTS ISLAND, NEW YORK.

The time for the completion of the work and the full performance of the contract is by or before forty (40) working days.

The amount of security required is fifty (50 per cent. of the amount of bid or estimate. Bids will be compared and the contract awarded at a lump or aggregate sum.

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 March 11, 1913. m13,25

☞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

MONDAY, MARCH 31, 1913.
Borough of Manhattan,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ESTABLISHING AND EQUIPPING AN EXTENSION TO THE FIRE ALARM TELEGRAPH SYSTEM IN THE BOROUGH OF MANHATTAN.

The time for the completion of the work and the full performance of the contract is ninety (90) days.

The amount of security required is Twenty-seven Thousand Dollars ($27,000). 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 Fire Department, Nos. 157 and 159 E. 67th st., Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

m19,31

☞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

MONDAY, MARCH 31, 1913.
Borough of Queens,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ADDITIONS AND ALTERATIONS TO QUARTERS OF HOOK AND LADDER COMPANY 127, NO. 17 UNION AVE., JAMAICA.

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 One Thousand Two Hundred Dollars ($1,200). 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.

m19,31

☞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

MONDAY, MARCH 31, 1913.
Borough of The Bronx.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRS AND NEW ELECTRIC LIGHTING SYSTEM AT QUARTERS OF ENGINE COMPANY NO. 68, NO. 1080 OGDEN AVE.

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.

m19,31

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PARKS.

Proposals.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, MARCH 27, 1913.
Borough of Queens,

FOR FURNISHING AND DELIVERING 33,400 GALLONS OF MACADAM ASPHALT BINDER IN TANK CARS, AT LONG ISLAND RAILROAD TERMINALS IN THE BOROUGH OF QUEENS.

The time allowed for the completion of this contract will be 30 days.

A certified check or cash in the sum of one and one-half (1½) per cent. of total amount of estimate must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Borough of Queens, temporary address, Arsenal, Central Park, Manhattan.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, MARCH 27, 1913.
Borough of The Bronx.

FURNISHING AND DELIVERING ROAD OIL NO. 1, 1913, FOR DEPARTMENT OF PARKS, BOROUGH OF THE BRONX.

The time allowed for the completion of the contract is ninety (90) calendar days.

The amount of security required is thirty (30) per cent. of the total amount for which the contract is awarded.

Submit bid in duplicate.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and other information may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx, on personal application or by mail, only when request is accompanied by ten (10) cents in stamps to pay postage.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, MARCH 27, 1913.
Borough of The Bronx.

FURNISHING AND DELIVERING ONE (1) SPRAYING MACHINE FOR DEPARTMENT OF PARKS, BOROUGH OF THE BRONX.

The time allowed for the completion of the contract is thirty (30) calendar days.

The amount of security required is thirty (30) per cent. of the total amount for which the contract is awarded.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and other information may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Borough of The Bronx, on personal application or by mail, only when request is accompanied by ten (10) cents in stamps to pay postage.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, MARCH 27, 1913.
Borough of Queens,

FOR FURNISHING AND DELIVERING HORSES.

The amount of security required is $1,000.

The time allowed for the completion of this contract will be thirty days.

A certified check or cash in the sum of fifty dollars must accompany bid.

Bids will be compared, and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Borough of Queens,

temporary address, Arsenal, Central Park, Manhattan.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, MARCH 27, 1913.
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING FOUR THOUSAND (4,000) CUBIC YARDS OF TOP SOIL OR GARDEN MOLD TO SUNSET PARK, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be forty (40) days.

No bond will be required with the bid, as heretofore, but will be required on awarding of the contract, in an amount equal to thirty (30) per cent. of the contract.

A certified check or cash in the sum of one and one-half (1½) per cent. of the total amount of estimate must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p m., on

THURSDAY, MARCH 27, 1913.
Borough of Manhattan,

FOR PAVING AND REPAVING WITH ROCK ASPHALT MASTIC, WHERE DIRECTED, THE WALKS OF THE CENTRAL AND OTHER PARKS IN THE BOROUGH OF MANHATTAN.

The time allowed for the completion of the whole work will be thirty (30) consecutive working days.

The amount of the security required is Four Thousand Dollars ($4,000).

Certified check or cash in the sum of Two Hundred Dollars ($200) must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and plans may be seen at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, MARCH 27, 1913.
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING COAL TO PARKS AND PARKWAYS, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be until December 31, 1913.

No bond will be required with the bid, as heretofore, but will be required on awarding of the contract in an amount equal to thirty (30) per cent. of the contract. A certified check or cash in the sum of one and one-half (1½) per cent. of the total amount of estimate must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks, until 3 o'clock p. m., on

THURSDAY, MARCH 27, 1913.
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING FIVE THOUSAND ONE HUNDRED (5,100) CUBIC YARDS OF "COW BAY" SAND TO ROADS AND PARKWAYS, DEPARTMENT OF PARKS, BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be ninety (90) days.

A certified check or cash in the sum of one and one-half (1½) per cent. of total amount of estimate must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m15,27

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, MARCH 20, 1913.
Borough of Brooklyn,

FOR FURNISHING AND DELIVERING GRASS SODS TO PARKS AND PARKWAYS IN THE BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be ninety (90) days.

No bond will be required with bid, as heretofore, but will be required on awarding of the contract in an amount equal to thirty (30) per cent. of the contract. A certified check or cash in the sum of one and one-half (1½) per cent. of the total amount of estimate must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Bids must be submitted in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

m8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES.

Proposals.

OFFICE OF THE 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

MONDAY, MARCH 24, 1913.
CONTRACT NO. 1372.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING ABOUT 300 OAK PILES.

The time for the completon of the work and the full performance of the contract is on or before the expiration of 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 the bid shall be in an amount not less than one and one-half per cent. of the total amount of the bid.

The bidder shall state, both in writing, and in figures, a price per unit and a total or aggregate price for furnishing and delivering all of the piles called for. The contract, if awarded, will be awarded to the bidder whose price per pile is the lowest and whose bid is regular in all respects.

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.

CALVIN TOMKINS, Commissioner of Docks.

Dated March 10, 1913. m12,24

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE 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

THURSDAY, APRIL 10, 1913.
CONTRACT NO. 1323.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING AND DELIVERING ONE STEEL, SCREW-PROPELLING FERRYBOAT.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 365 calendar days.

The amount of security required is $100,000.

The bidder shall state, both in writing and in figures, a total price for furnishing and delivering all of the labor and material and doing all of the work called for. The contract is entire and for a complete job, and if awarded will be awarded to the bidder whose price is the lowest for doing all of the work and whose bid is regular in all respects. In case of discrepancy between the written price and that given in figures, the price in writing will be considered as the bid.

Work must be done 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 said Department.

A deposit of $25 will be required on each set of plans that may be obtained by prospective bidders. The deposit will be returned upon receipt of the plans in proper condition.

CALVIN TOMKINS, Commissioner of Docks.

Dated March 10, 1913. m12,a10

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE 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

THURSDAY, MARCH 20, 1913.
Borough of Manhattan,
CONTRACT NO. 1287, CLASS 3.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR PREPARING FOR AND PAVING WITH ASPHALT THE DECK OF PIER 42, EAST RIVER, BOROUGH OF MANHATTAN.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 30 calendar days.

The amount of security required is $700.

The bidder shall state, both in writing and in figures, a price per square yard for furnishing all of the labor and material and for doing all of the work called for. The contract is entire and for a complete job, and if awarded, will be awarded to the bidder whose price per square yard is the lowest and whose bid is regular in all respects.

Work must be done 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.

CALVIN TOMKINS, Commissioner of Docks.

Dated March 6, 1913. m8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE 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

THURSDAY, MARCH 20, 1913.
CONTRACT NO. 1370.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR RECEIVING AND REMOVING ASHES.

The time for the completion of the work and the full performance of each class of the contract is on or before the expiration of 180 calendar days.

The amount of security required is as follows:

Class 1. For receiving and removing about 85 cubic yards of ashes, per day, at St. George, Staten Island, the sum of $800.

Class 2. For receiving and removing about 25 cubic yards of ashes, per day, at 39th st., Borough of Brooklyn, the sum of $500.

The bidder shall state, both in writing and in figures, a total price for furnishing all of the labor and material to do and complete all of the work called for in the class upon which a bid is submitted. Bids may be tendered on one or both classes, as each class is a separate and distinct contract in itself, and each class, if awarded, will be awarded to the bidder whose total price is the lowest in the class and whose bid is regular in all respects.

Work must be done 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.

CALVIN TOMKINS, Commissioner of Docks.

Dated March 6, 1913. m8,20

☞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, MARCH 21, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO INSTALL AND COMPLETE, WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, THE STEAM HEATING WORK FOR A DORMITORY FOR FEMALE HELP ON THE GROUNDS OF THE WILLARD PARKER HOSPITAL, FOOT OF E. 16TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time for the delivery of the supplies and the performance of the contract is two hundred (200) 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 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. (As to form of deposit see general instructions.)

Bids will be compared and the contract awarded to the lowest bidder for the contract complete.

Plans may be seen and blank forms 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.

ERNST J. LEDERLE, Ph.D., President; JOSEPH J. O'CONNELL, M.D., RHINELANDER WALDO, Board of Health.

Dated March 5, 1913. m5,21

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

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, MARCH 21, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT, WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, EXCEPTING PLUMBING AND HEATING WORK, ONE BUILDING FOR A DORMITORY FOR FEMALE HELP ON THE GROUNDS OF THE WILLARD PARKER HOSPITAL AT THE FOOT OF E. 16TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time for the delivery of the supplies and the performance of the contract is two hundred (200) 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 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. (As to form of deposit see general instructions.)

A bid is requested for each proposition. Award will be made to the lowest bidder on any one of the propositions the Board of Health decides to accept, and the Board reserves the right to reject all bids on any of the four propositions and to award the contract to the lowest bidder of the proposition which the Board decides to adopt for the basis of making the contract.

Plans may be seen and blank forms 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.

ERNST J. LEDERLE, Ph.D., President; JOSEPH J. O'CONNELL, M.D., RHINELANDER WALDO, Board of Health.

Dated March 5, 1913. m5,21

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

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, MARCH 21, 1913.

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED TO INSTALL AND COMPLETE, WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, THE PLUMBING AND GASFITTING WORK, FOR A DORMITORY FOR FEMALE HELP ON THE GROUNDS OF THE WILLARD PARKER HOSPITAL, AT THE FOOT OF E. 16TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time for the delivery of the supplies and the performance of the contract is two hundred (200) 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 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. (As to form of deposit see general instructions.)

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Plans and blank forms 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.

ERNST J. LEDERLE, Ph.D., President; JOSEPH J. O'CONNELL, M.D., RHINELANDER WALDO, Board of Health.

Dated March 5, 1913. m5,21

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

SUPREME COURT — FIRST DEPARTMENT.

Filing of Final Report.

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 CASTLE HILL AVENUE, from West Farms road to the Public Place at the southern terminus; and the PUBLIC PLACE, at the southern terminus of Castle Hill avenue, fronting on Westchester Creek, the East River and Pugsley's Creek, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final reports of the Commissioners of Estimate and of the Commissioner of Assessment in the above-entitled matter 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 24th day of March, 1913, at 10.30 o'clock in forenoon of that day; and that the said final reports have been deposited in the Office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated, Borough of, Manhattan, New York, March 17, 1913.

TIMOTHY F. DRISCOLL, JOHN ROSS DELAFIELD, GEO. W. KEARNEY, Commissioners of Estimate; TIMOTHY F. DRISCOLL, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. m17,21

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 widening of EAST ONE HUNDRED AND SEVENTY-FOURTH STREET, from Southern boulevard to West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 4th day of March, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 6th day of March, 1913, Ely Neumann, Esquire, was appointed a Commissioner of Estimate in the above entitled proceeding in the place and stead of Philip J. Schmidt, resigned.

Notice is further given that pursuant to the said order dated the 4th day of March, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 6th day of March, 1913, the said Ely Neumann, Esq., will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the 24th day of March, 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 any other person having any interest in said proceeding as to his qualifications to act as such Commissioner.

Dated Borough of Manhattan, City of New York, March 10, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, office and post office address, Chambers and Centre streets, Borough of Manhattan, City of New York. m10,20

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 HAVEMEYER AVENUE, between Lacombe avenue and Westchester avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 4th day of March, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 6th day of March, 1913, James W. O'Brien, Esq., was appointed a Commissioner of Estimate in the above entitled proceeding in the place and stead of Philip J. Schmidt, resigned.

Notice is further given that pursuant to the said order dated the 4th day of March, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 6th day of March, 1913, the said James W. O'Brien, Esq., will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the 24th day of March, 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 any

other person having any interest in said proceeding as to his qualifications to act as such Commissioner.

Dated Borough of Manhattan, City of New York, March 10, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, office and post office address, Chambers and Centre streets, Borough of Manhattan, City of New York. m10,20

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 ST. RAYMOND AVENUE (Fourth street), between Hoguet avenue and Williamsbridge road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 4th day of March, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 6th day of March, 1913, Robert H. Bergman, Esq., was appointed a Commissioner of Estimate in the above entitled proceeding in the place and stead of Philip J. Schmidt, resigned.

Notice is further given that, pursuant to the said order dated the 4th day of March, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 6th day of March, 1913, the said Robert H. Bergman will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the 24th day of March, 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 any other person having any interest in said proceeding as to his qualifications to act as such Commissioner.

Dated Borough of Manhattan, City of New York, March 10, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, office and post office address, Chambers and Centre streets, Borough of Manhattan, City of New York. m10,20

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 FORDHAM ROAD, from Harlem River terrace to Webster avenue, and for the PUBLIC PARK included within the lines of said street, opposite its junction with Kingsbridge road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 4th day of March, 1913, and duly entered and filed in the office of the Clerk of the County of New York on the 5th day of March, 1913, Michael J. Egan, John J. Mackin and Charles C. Marrin, Esqs., were appointed Commissioners of Estimate in the above entitled proceeding, and that in and by said order Michael J. Egan, Esq., was appointed the Commissioner of Assessment.

Notice is further given, pursuant to the statute in such cases made and provided, that the said Michael J. Egan, John J. Mackin and Charles C. Marrin, Esqs., will attend at a Special Term, Part II, of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the 21st day of March, 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 any other person having any interest in said proceeding as to their qualifications to act as such Commissioners.

Dated Borough of Manhattan, City of New York, March 10, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, office and post office address, Chambers and Centre streets, Borough of Manhattan, City of New York. m10,20

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 LYVERE STREET, between Zerega avenue and West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; FULLER STREET, between Zerega avenue and Seddon street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; BUCK STREET, between Zerega avenue and Seventh street, Twenty-fourth Ward, Borough of The Bronx, City of New York; MACLAY AVENUE, between Parker street and West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; STEARNS STREET, between Glover street and Parker street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; DORSEY STREET (Carroll lane, or place), between Zerega avenue and Seventh street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, as amended by an order of the Supreme Court, dated the 16th day of March, 1912, and entered in the office of the Clerk of the County of New York, on the 19th day of March, 1912, so as to relate to the foregoing streets as shown on a map or plan adopted by the Board of Estimate and Apportionment on the 23d day of March, 1911, and approved by the Mayor on the 30th day of March, 1911.

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 last partial and separate 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 8th day of April, 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 10th day of April, 1913, at 1 o'clock p. m.

Second. That the undersigned, Commissioner of Assessment, has completed his 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 8th day of April, 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 21th day of April, 1913, at 1 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 amended area of assessment for benefit by the Board of Estimate and Apportionment on the 4th day of May, 1911, 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 a line midway between Seddon street and St. Peters avenue where it is intersected by a line distant 100 feet southeasterly from and parallel with the southeasterly line of Maclay avenue, the said distance being measured at right angles to Maclay avenue, and running thence southeastwardly along the said line midway between Seddon street and St. Peters avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southeasterly line of Dorsey street and the northwesterly line of St. Raymond avenue; 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 southwesterly line of Zerega avenue and the northeasterly line of Parker street, as these streets are laid out between St. Raymond avenue and Maclay avenue; thence northwestwardly along the said bisecting line to the intersection with the prolongation of a line midway between Stearns street and St. Raymond avenue; thence southwestwardly along the said line midway between Stearns street and St. Raymond avenue and along the prolongations of the said line to the intersection with the northerly line of St. Raymond avenue; thence northwestwardly and parallel with Glover street to the intersection with the centre line of Castle Hill avenue; thence northwardly along the centre line of Castle Hill avenue to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Stearns street, the said distance being measured at right angles to Stearns street; thence northeastwardly along the said line parallel with Stearns street and along the prolongation of the said line to the intersection with a line midway between Glover street and Parker street; thence northwestwardly along the said line midway between Glover street and Parker street to the intersection with the prolongation of a line distant 100 feet northwesterly from and parallel with the northwesterly line of Maclay avenue as this street is laid out between Parker street and Zerega avenue, the said distance being measured at right angles to Maclay avenue; thence northeastwardly along the said line parallel with Maclay 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 northeasterly line of Parker street and the southwesterly line of Zerega avenue as these streets are laid out between Maclay avenue and Castle Hill avenue; thence northwestwardly along the said bisecting line to the intersection with the centre line of Castle Hill avenue; thence northwardly along the centre line of Castle Hill avenue to a point distant 100 feet northwesterly from the northwesterly line of Lyvere street, the said distance being measured at right angles to Lyvere street; thence generally northwardly and always distant 100 feet westerly from and parallel with the westerly line of Lyvere street and the prolongation thereof to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Poplar street and the northerly line of West Farms road as these streets are laid out easterly from and adjoining Bear Swamp road; thence eastwardly along the said bisecting line to the intersection with the centre line of the first unnamed street east of Bear Swamp road; thence southwardly along the centre line of the said unnamed street to the intersection with the southerly line of West Farms road; thence eastwardly along the southerly line of West Farms road to the intersection with the prolongation of a line midway between Seddon street and St. Peters avenue, as these streets are laid out where they adjoin Maclay avenue on the west; thence southeastwardly along the said line midway between Seddon street and St. Peters avenue and along the prolongation of the said line to a point midway between West Farms road and Maclay avenue; thence northeastwardly in a straight line to a point distant 100 feet northwesterly from the northwesterly line of Maclay avenue and 100 feet southerly from the southerly line of West Farms road, the said distances respectively being measured at right angles to Maclay avenue and to West Farms road; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Maclay avenue and the prolongation thereof to a point distant 100 feet northerly from the northerly line of West Farms road, the said distance being measured at right angles to West Farms road; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of West Farms road to the intersection with a line parallel with Maclay avenue and passing through the point of beginning; thence southwestwardly along the said line parallel with Maclay avenue 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 10th day of April, 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 26th day of June, 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 cases 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, March 11, 1913.

MAX BENDIT, Chairman; WILLIAM G. DRADDY, ANDREW J. CARSON, Commissioners of Estimate; WILLIAM G. DRADDY, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. m18,a3

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 ST. LAWRENCE AVENUE, COMMONWEALTH AVENUE, ROSEDALE AVENUE, NOBLE AVENUE, CROES AVENUE and FTELEY AVENUE (although not yet named by proper authority), from Westchester avenue to Clason's Point road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

In re application for damages to Lots Nos. 11 and 12 on map of "Lots belonging to Hudson P. Rose Co., being subdivision of Plot I, Map of Classon Point, Borough of Bronx, City of New York."

By reason of the closing, discontinuance and abandonment in front thereof of Old Classons Point road, from Westchester avenue to Gleason avenue, in the Twenty-fourth Ward, Borough of The Bronx, The City of New York.

WE, THE COMMISSIONERS OF ESTIMATE and Assessment in the above entitled proceeding, having been directed by order bearing date the 27th day of November, 1911, and entered in the office of the Clerk of the County of New York, on the 27th day of November, 1911, to ascertain and determine the compensation, if any, which, upon proof of all the facts, should be made and awarded to the petitioner for the loss and damage, if any, sustained by, or in connection with the premises described in said petition, which are known as Lots 11 and 12, on map of "Lots belonging to Hudson P. Rose Co., being Subdivision of Plot I, Map of Classon Point, Borough of Bronx, City of New York," by reason of the closing, discontinuance and abandonment of the portion of said road in front of and adjoining said premises.

The foregoing premises are more particularly described in the petition on which the said order was based and filed therewith in the office of the Clerk of the County of New York, and are shown as Damage No. 1, on the Damage Map attached to our abstract of Estimate and Assessment.

And we, the said Commissioners, having been directed also by the aforesaid order and by the provisions of chapter 1006 of the Laws of 1895, to ascertain and determine the benefit and advantage to the lands, tenements and hereditaments and premises which shall be benefited by the closing, discontinuance and abandonment of the aforesaid Old Classon's Point road, from Westchester avenue to Gleason avenue.

We, therefore, the undersigned, hereby give notice to all persons interested in this 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 we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us, at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 3d day of April, 1913, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 4th day of April, 1913, at 12.30 o'clock p. m.

Second. That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us 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 4th day of April, 1913.

Third. That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, and being all that part of Old Classon's Point road within the block bounded by Westchester avenue, Commonwealth avenue, Gleason avenue and Rosedale avenue.

Fourth. That, provided there be no objections filed to either of said abstracts, our final report 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 May, 1913, at the opening of the Court on that day.

Fifth. In case, however, objections are filed to any of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the CITY RECORD, 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, March 3, 1913.

JOHN J. MACKIN, JOSEPH C. LUKE, Commissioners.

JOEL J. SQUIER, Clerk. m14,31

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 the PUBLIC PARK bounded by West One Hundred and Thirty-seventh street, Edgecombe avenue and St. Nicholas avenue, in the Twelfth Ward, Borough of Manhattan, 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 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 28th day of March, 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 2d day of April, 1913, at 4 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his 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 28th day of March, 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 3d day of April, 1913, at 4 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 April, 1912, and that the said 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 West One Hundred and Thirty-seventh street and West One Hundred and Thirty-eighth street and by the prolongation of the said line; on the east by a line midway between Edgecombe avenue and Eighth avenue; on the south by a line midway between West One Hundred and Thirty-fifth street and West One Hundred and Thirty-sixth street 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 avenue, the said distance being measured at right angles to St. Nicholas avenue.

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 2d day of April, 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 22d day of May, 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 cases 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, March 4, 1913.

JOHN C. MYERS, Chairman; MICHAEL W. RAYENS, WILLIAM P. ROONEY, Commissioners of Estimate; JOHN C. MYERS, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. m8,25

SUPREME COURT—SECOND DEPARTMENT.

Application for Appointment of Commissioners.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, by the Corporation Counsel, for the appointment of Commissioners of Estimate and Assessment to ascertain and determine the compensation which should justly be made to Herman Hueg as owner of premises abutting on THOMSON AVENUE, PURVES STREET, DUTCHKILLS STREET and the RIGHT OF WAY OF THE LONG ISLAND RAILROAD COMPANY, in The City of New York, for the alleged discontinuance and alleged closing of Thomson avenue, between the northerly line of the right of way of the Long Island Railroad Company and Meadow street, in the First Ward of the Borough of Queens of said City.

NOTICE IS HEREBY GIVEN, PURSUANT to chapter 1006 of the Laws of 1895, that it is the intention of the Corporation Counsel of The City of New York, in behalf of The City of New York, to make application to the Supreme Court of the State of New York, Second Department, at Special Term thereof, to be held for the hearing of motions, at the County Court House, in the County of Kings, in the Borough of Brooklyn, City of New York, on the 2d day of April, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three discreet and disinterested persons as Commissioners of Estimate and Assessment, who are to ascertain and determine the compensation which should justly be made to Herman Hueg, as owner of the rights, easements or interests in or appertaining to the premises abutting on Thomson avenue, Purves street, Dutchkills street and the right of way of the Long Island Railroad Company, in the First Ward of the Borough of Queens, City of New York, taken, affected, damaged or destroyed by the alleged discontinuance and alleged closing of the portions of Thomson avenue, from the northerly line of the Long Island Railroad Company to Meadow street, in the Borough of Queens, in The City of New York, and to perform in relation thereto the duties required of them by law.

The resolution favoring the changing of the map of The City of New York was adopted by the Board of Estimate and Apportionment on April 19, 1907, approved by the Mayor on June 27, 1907, and a certain map approved by said resolution and endorsed as follows: "Map or plan showing a change in the map of The City of New York, First Ward, Borough of Queens, by establishing the lines and grades of a number of streets and avenues with the following boundary: Jackson avenue, Woodside avenue, Middleberg avenue, Bliss street, Thomson avenue, Manly street and Borden avenue, as laid down on the Commissioners Map of Long Island City, pursuant to chapter 785, Laws of 1871, and approved April 24, 1873, changes made pursuant to section 442 of the New York Charter of 1901, as amended. Dated New York, January 28, 1907, Robert R. Crowell, Assistant Engineer in charge. Approved, Joseph Bermel, President of the Borough of Queens," were filed in the following offices: One copy in the office of the Clerk of the County of Queens on the 9th day of August, 1907; one copy thereof in the office of the President of the Borough of Queens on the 14th day of August, 1907, and one copy thereof in the office of the Corporation Counsel of The City of New York on or about the 6th day of August, 1907.

Dated New York, March 19, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. m19,29

Applications to Amend Proceedings.

SECOND DEPARTMENT.

In the Matter of the Application of The City of New York, relative to amending its application heretofore made in the Matter of the Application of The City of New York relative to ac-

quiring 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 HEBBERD AVENUE, from Flushing Avenue to Fresh Pond Road, in the Second Ward, Borough of Queens, City of New York, so as to relate to Hebberd Avenue (at a width of 50 feet), between the aforesaid limits as shown upon a map or plan adopted by the Board of Estimate and Apportionment September 19, 1912, and approved by the Mayor September 30, 1912.

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 thereof, to be held for the hearing of motions, at the County Court-house, in the Borough of Brooklyn, in The City of New York, on the 28th day of March, 1913, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for an order amending the proceeding entitled "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 Hebberd avenue, from Flushing avenue to Fresh Pond road, in the Second Ward, Borough of Queens, City of New York," and the petition and order appointing Commissioners of Estimate and a Commissioner of Assessment heretofore duly entered and filed in the office of the Clerk of the County of Queens on the 25th day of June, 1910, so as to relate to Hebberd avenue (at a width of 50 feet) between the aforesaid limits as shown upon a map or plan adopted by the Board of Estimate and Apportionment September 19, 1912, and approved by the Mayor September 30, 1912.

Hebberd avenue, extending from Flushing avenue to Fresh Pond road, in the Second Ward, Borough of Queens, City of New York, is shown upon Section 16 of the Final Maps of the Borough of Queens, approved by the Board of Estimate and Apportionment on February 8, 1912, and approved by the Mayor on February 26, 1912, and filed in the office of the President of the Borough of Queens on October 7, 1912, in the office of the Clerk of the County of Queens on September 30, 1912, and in the office of the Corporation Counsel of The City of New York on September 30, 1912, and is bounded and described as follows:

Beginning at a point formed by the intersection of the northwesterly line of Flushing avenue with the southerly line of Hebberd avenue, prolonged. Running thence northeasterly for 68.08 feet along the northwesterly line of Flushing avenue to an intersection with the prolongation of the northerly line of Hebberd avenue. Thence easterly, deflecting to the right 47 degrees 15 minutes 31 seconds for 524.92 feet along said prolongation, and along the northerly line of Hebberd avenue. Thence easterly, deflecting to the left 19 degrees 01 minutes 48 seconds for 1,265.43 feet along the northerly line of Hebberd avenue to the westerly line of Fresh Pond road. Thence southerly, deflecting to the right 88 degrees 52 minutes 12 seconds for 50.01 feet along the westerly line of Fresh Pond road to the southerly line of Hebberd avenue. Thence westerly, deflecting to the right 91 degrees 07 minutes 48 seconds for 1,274.80 feet along the southerly line of Hebberd avenue. Thence westerly for 579.52 feet along the southerly line of Hebberd avenue, and the prolongation thereof, to the northwesterly line of Flushing avenue, the point or place of beginning.

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 amended proceeding to be as follows:

Beginning at a point on the prolongation of a line midway between Linden avenue and Hebbard avenue, distant 100 feet easterly from the easterly line of Fresh Pond road, the said distance being measured at right angles to the line of Fresh Pond road, and running thence southwardly and parallel with Fresh Pond road to the intersection with the prolongation of a line midway between Hebbard avenue and Mount Olivet avenue; thence westwardly along a line always midway between Hebbard avenue and Mount Olivet avenue, and along the prolongation of the said line to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Flushing avenue, the said distance being measured at right angles to the line of Flushing avenue; thence northeastwardly along the said line parallel with Flushing avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northerly line of Hebbard avenue as laid out at Flushing avenue and the southerly line of James street; thence eastwardly along the said bisecting line to the intersection with a line midway between Linden avenue and Hebbard avenue; thence eastwardly along the said line midway between Linden avenue and Hebbard avenue and the prolongation thereof to the point or place of beginning.

Dated, New York, March 15, 1913.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. m15,26

Filing Preliminary Abstracts.

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 EIGHTY-THIRD STREET, from Eighteenth avenue to Nineteenth avenue, from Twentieth avenue to Twenty-first avenue, and from Twenty-third avenue to Stillwell avenue, in the Thirtieth and Thirty-first Wards, Borough of Brooklyn, The 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 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 7th day of April, 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 8th day of April, 1913, at 2.30 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 7th day of April, 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 9th day of April, 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 20th day of May, 1910, and that the said 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 prolongation of a line midway between Eighty-second street and Eighty-third street, as these streets are laid out easterly from Eighteenth avenue, distant 100 feet westerly from the westerly line of Eighteenth avenue, the said distance being measured at right angles to Eighteenth avenue, and running thence southeastwardly along the said line midway between Eighty-second street and Eighty-third street, and along the prolongations of the said line, to the intersection with the easterly line of Stillwell avenue; thence eastwardly at right angles to Stillwell avenue, a distance of 100 feet; thence southwardly and parallel with Stillwell avenue to the intersection with a line at right angles to Stillwell avenue, and passing through a point on its westerly side midway between Eighty-third street and Eighty-fourth street; thence westwardly along the said line at right angles to Stillwell avenue to its westerly side; thence northwestwardly along a line midway between Eighty-third street and Eighty-fourth street as these streets are laid out easterly from Eighteenth avenue, and along the prolongation of the said line, to the intersection with a line parallel with Eighteenth avenue and passing through the point of beginning; thence northeastwardly along the said line parallel with Eighteenth avenue 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, No. 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 16th day of April, 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, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 22d day of May, 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 cases 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 Brooklyn, New York, March 17, 1913.

WILLIAM WATSON, Chairman; ISAAC SARGENT, ALBERT KUELLING, Commissioners of Estimate; WILLIAM WATSON, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. m17,A2

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 McKINLEY AVENUE, from Railroad avenue to Elderts lane, in the Twenty-sixth Ward, Borough of Brooklyn, The 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 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 7th day of April, 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 8th day of April, 1913, at 3.30 o'clock p. m.

Second. That the undersigned, Commissioner of Assessment, has completed his 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 7th day of April, 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 9th day of April, 1913, at 3.30 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 24th day of September, 1909, and that the said 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.:

Bounded on the north by a line distant 200 feet northerly from and parallel with the northerly line of McKinley avenue, and by the prolongations of the said line; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Elderts lane; on the south by a line distant 200 feet southerly from and parallel with the southerly line of McKinley avenue and by the prolongations of the said line and on the west by a line distant 100 feet westerly from and parallel with the westerly line of Railroad avenue.

All distances are intended to be measured at right angles to the lines to which they are referred.

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, No. 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 16th day of April, 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, Second Department, at a Special Term thereof, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 22d day of May, 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 cases 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 Brooklyn, New York, March 17, 1913.

MEIER STEINBRINK, JOHN N. HARMON, LOUIS P. WRIGHT, Commissioners of Estimate; MEIER STEINBRINK, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. m17,a2

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 HUGHES STREET (Hancock street), from Forest avenue to Shaler street, and of ELM AVENUE (Catalpa avenue), from Myrtle avenue to Shaler street (Sheridan street), in the Second Ward, Borough of Queens, 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 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 1st day of April, 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 3d day of April, 1913, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 1st day of April, 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 4th day of April, 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 17th day of December, 1909, and that the said 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 Hughes street and Cornelia street as these streets are laid out between Forest avenue and Fresh Pond road, distant 100 feet westerly from the westerly line of Forest avenue, the said distance being measured at right angles to Forest avenue, and running thence eastwardly along the said line midway between Hughes street and Cornelia street, and along the prolongation of the said line, to the westerly line of Fresh Pond road; thence northeastwardly in a straight line to a point on the easterly line of Fresh Pond road distant 100 feet northerly from the northerly line of Hughes street, the said distance being measured at right angles to Hughes street; thence eastwardly and parallel with Hughes street, and the prolongation thereof, to a point distant 100 feet easterly from the easterly line of Shaler street, the said distance being measured at right angles to Shaler street; thence southwardly and parallel with Shaler street as this street is laid out north of Catalpa avenue to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Shaler street as laid out southerly from Catalpa avenue, the said distance being measured at right angles to Shaler street; thence southwestwardly along the said line parallel with Shaler street to the intersection with the prolongation of a line distant 200 feet southerly from and parallel with the southerly line of Catalpa avenue, the said distance being measured at right angles to Catalpa avenue; thence westwardly along the said line parallel with Catalpa avenue, and along the prolongation of the said line, to a point distant 100 feet easterly from the easterly line of Fresh Pond road, the said distance being measured at right angles to Fresh Pond road; thence northwardly and parallel with Fresh Pond road to the intersection with the prolongation of a line midway between Catalpa avenue and Foxall street as these streets are laid out between Forest avenue and Fresh Pond road; thence westwardly along the said line midway between Catalpa avenue and Foxall street, and along the prolongations of the said line, to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Catalpa avenue as this street is laid out west of Woodward avenue, the said distance being measured at right angles to Catalpa avenue; thence southwestwardly along the said line parallel with Catalpa avenue, and along the prolongation of the said line, to the intersection with the southerly line of Myrtle avenue; thence southwardly at right angles to Myrtle avenue a distance of 100 feet; thence westwardly and parallel with Myrtle avenue to the intersection with a line at right angles to Myrtle avenue and passing through a point on its northerly side where it is intersected by the prolongation of a line distant 100 feet northwesterly from and parallel with the northwesterly line of Catalpa avenue as this street is laid out between Myrtle avenue and Woodward avenue, the said distance being measured at right angles to Catalpa avenue; thence northwardly along the said line at right angles to Myrtle avenue to its northerly side; thence northeastwardly along the said line parallel with Catalpa avenue, and along the prolongation of the said line to the intersection with the prolongation of a line midway between Catalpa avenue and Silver street as these streets are laid out east of Forest avenue; thence eastwardly along the said line midway between Catalpa avenue and Silver street, and along the prolongations of the said line to a point distant 100 feet easterly from the easterly line of Fresh Pond road, the said distance being measured at right angles to Fresh Pond road; thence northwardly parallel with Fresh Pond road to the intersection with the prolongation of a line midway between Hughes street and Silver street, and along the prolongations of the said line, to the intersection with a line parallel with Forest avenue and passing through the point of beginning; thence northwardly along the said line parallel with Forest avenue 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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 3d day of April, 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, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 28th day of May, 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 cases 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, March 5, 1913.

WM. A. MOLLER, Chairman; EDWARD DUFFY, GEORGE WALLACE, Commissioners of Estimate; WM. A. MOLLER, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. m12,28

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 in and to the lands and premises required for the opening and extending of FAIRVIEW AVENUE, between Stanhope street and Forest avenue, in the Second Ward, Borough of Queens, City of New York, as amended by an order of the Supreme Court, duly made and entered in the office of the Clerk of the County of Queens on the 25th day of June, 1910, so as to apply to Fairview avenue, from Stanhope street to Forest avenue, as shown upon Sections 15 and 30 of the final maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 21st day of May, 1909.

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 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 28th day of March, 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 2d day of April, 1913, at 2.30 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 28th day of March, 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 3d day of April, 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 3d day of December, 1909, and that the said 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 the point of intersection of the prolongation of a line midway between Fairview avenue and Woodward avenue with a line 100 feet northwesterly from the northwesterly side of Stanhope street and parallel therewith, the said distance being measured at right angles to the line of Stanhope street, and running thence northeasterly parallel with Stanhope street to the intersection with the prolongation of a line midway between Fairview avenue and Grandview avenue; thence southeasterly along said line midway between Fairview avenue and Grandview avenue and the prolongation thereof to the intersection with a line passing through a point on the southeasterly side of Palmetto street midway between Fairview avenue and Forest avenue and through a point on the northwesterly side of Madison street midway between Fairview avenue and Forest avenue; thence southeasterly along the line last described and the prolongation thereof to the intersection with a line 100 feet northeasterly from and parallel with the northeasterly side of Fairview avenue, the said distance being measured at right angles to the line of Fairview avenue; thence southeasterly and parallel with Fairview avenue to the easterly side of Forest avenue; thence easterly at right angles to the line of Forest avenue 100 feet; thence southerly and parallel with Forest avenue to the intersection with the centre line of Hughes street; thence westerly along the centre line of Hughes street and the prolongation thereof to the intersection with the prolongation of a line midway between Fairview avenue and Woodward avenue; thence northwesterly along said line midway between Woodward avenue and Fairview avenue 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, in the Municipal Building, Court House Square, in the Borough

of Queens, in said City, there to remain until the 2d day of April, 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, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 20th day of June, 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 cases 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, March 3, 1913.

FRANK F. ADEL, Chairman; M. P. McNAMARA, GILBERT B. VOORHEES, Commissioners of Estimate; FRANK F. ADEL, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. m8,25

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 MALBONE STREET, from the line between the Twenty-fourth and Twenty-ninth Wards, at New York avenue to Lefferts avenue, and Lefferts avenue from Schenectady avenue to Utica avenue, in the Twenty-fourth and Twenty-ninth Wards, Borough of Brooklyn, The 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 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York on or before the 26th day of March, 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 27th day of March, 1913, at 3.30 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his 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, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 26th day of March, 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 28th day of March, 1913, at 3.30 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 22d day of April, 1910, and that the said 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 a line midway between Carroll street and Crown street, where it is intersected by a line midway between Utica avenue and Rochester avenue, and running thence southeastwardly in a straight line to a point on the southeasterly line of East New York avenue, where it is intersected by a line midway between East Ninety-second street and East Ninety-third street; thence southeastwardly along the said line midway between East Ninety-second street and East Ninety-third street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southeasterly line of East New York avenue and the northwesterly line of Rutland road, as these streets are laid out between East Ninety-first street and East Ninety-second street; thence southwestwardly along the said bisecting line to the intersection with the prolongation of a line midway between East New York avenue and Rutland road, as these streets are laid out easterly from and adjoining New York avenue; thence westwardly along the said line midway between East New York avenue and Rutland road, and along the prolongation of the said line, to a point midway between Rogers avenue and Nostrand avenue; thence northwardly along a line always midway between Rogers avenue and Nostrand avenue to the intersection with a line midway between Carroll street and Crown street; thence eastwardly along the said line midway between Carroll street and Crown street 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, No. 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 5th day of April, 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, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 8th day of May, 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 cases 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 Brooklyn, New York, March 6, 1913.

GEORGE I. WOOLLEY, Chairman; ARTHUR J. WALDRON, CHARLES W. HOLLOWAY, Commissioners of Estimate; GEORGE I. WOOLLEY, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. m6,22

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 RIDGE STREET from the Boulevard to Academy Street in the 1st Ward, Borough of Queens, 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 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 25th day of March, 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 27th day of March, 1913, at 3 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his 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, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in The City of New York, on or before the 25th day of March, 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 28th day of March, 1913, at 3 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 15th day of December, 1910, and that the said 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 distant 100 feet southerly from and parallel with the southerly line of Ridge street, the said distance being measured at right angles to Ridge street, distant 100 feet easterly from the easterly line of Academy street and running thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Ridge street and the prolongation thereof, to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Sanford street and Ridge street as these streets are laid out between the Boulevard and Sherman street; thence westwardly along the said bisecting line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of the Boulevard, the said distance being measured at right angles to the Boulevard; thence northwardly along the said line parallel with the Boulevard to the intersection with a line at right angles to the Boulevard, and passing through a point on its easterly side where it is intersected by a line midway between Broadway and Ridge street as these streets are laid out adjoining the Boulevard; thence eastwardly along the said line at right angles to the Boulevard to its easterly side; thence eastwardly along a line always midway between Broadway and Ridge street, and along the prolongation of the said line to the intersection with a line parallel with Academy street and passing through the point of beginning; thence southwardly along the said line parallel with Academy street to the point or place of beginnin.

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, in the Municipal Building, Court House Square, in the Borough of Queens, in said City, there to remain until the 27th day of March, 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, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 13th day of June, 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 cases 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, February 25, 1913.

WILLIAM E. STEWART, Chairman; JACOB SULZBACH, Commissioners of Estimate; WILLIAM E. STEWART, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. m5,21

Filing Bill of Costs.

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, to the lands, tenements and hereditaments required for the opening and extending of SNYDER AVENUE, from Canarsie avenue to Ralph avenue, and AVENUE A, from Ralph avenue to East Ninety-eighth street, in the Twenty-ninth and Thirty-second Wards, 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 21st day of March, 1913, at 10 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, March 10, 1913.

EDWARD J. REILLY, HARRIS G. EAMES, JOHN J. CONNOR, Commissioners of Estimate; HARRIS G. EAMES, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. m10,20

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, to the lands, tenements and hereditaments required for the opening and extending of AVENUE D (Cortelyou road), from Ocean Parkway to West street, excepting the land occupied by the tracks of the Prospect Park and Coney Island Railroad; ALBEMARLE ROAD, from West street to East Third street, and from East Fifth street to Ocean parkway, excepting the property occupied by the tracks of the Prospect Park and Coney Island Railroad; CATON AVENUE, from Gravesend avenue to East Fifth street; EAST SECOND STREET, from Greenwood avenue to Ditmas avenue (Avenue E), and EAST THIRD STREET, from Fort Hamilton avenue to Cortelyou road (Avenue D), in the Twenty-ninth 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 21st day of March, 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, March 10, 1913.

THOMAS H. TROY, W. W. COLNE, WM. McKINNY, Commissioners of Estimate; THOMAS H. TROY, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. m10,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofofe acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of SHALER STREET, from Kossuth place to Cornelia street, and from Madison street to Traffic street, in the Second Ward, Borough of Queens, 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 for the hearing of motions, at the County Court House in the Borough of Brooklyn, in The City of New York, on the 24th day of March, 1913, at 10 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 Queens, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, March 10, 1913.

JOHN C. MYERS, W. T. WETMORE, JAMES CALLAHAN, Commissioners of Estimate; JOHN C. MYERS, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. m10,20

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, beam-holes, 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 person 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.