

# THE CITY RECORD.

OFFICIAL JOURNAL.

VOL. XXV.

NEW YORK, FRIDAY, FEBRUARY 26, 1897.

NUMBER 7,239.

## DEPARTMENT OF PUBLIC WORKS.

Report for the Quarter ending September 30, 1896.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, NEW YORK, January 18, 1896.  
Hon. WILLIAM L. STRONG, Mayor.

DEAR SIR—In compliance with section 49 of the New York City Consolidation Act of 1882, I have the honor to submit the following report of the transactions of the Department of Public Works for the quarter ending September 30, 1896:

### SUMMARY STATEMENT OF EXPENDITURES.

(Being amount of requisitions drawn on the Comptroller.)

On account of appropriations raised by taxation (Consolidation Act, section 189) . . . . .	\$947,859 75
On account of Local Improvement Fund for Street Improvements (Consolidation Act, sections 144 and 150) . . . . .	294,515 33
On account of Funded Debt for Improvement and Extension of the Water Supply, (Consolidation Act, section 141) . . . . .	68,363 00
On account of Additional Croton Water Fund for Sanitary Protection of Water Supply (chapter 189, Laws of 1893) . . . . .	802 60
On account of Additional Water-Main Fund (chapter 669, Laws of 1896) . . . . .	61,613 15
On account of Repavement Fund (chapter 475 of the Laws of 1895) . . . . .	236,323 11
For construction of Seventh District Police Court-house (chapter 746, Laws of 1894) . . . . .	57,779 75
On account of Bridge over Spuyten Duyvil Creek (chapter 399, Laws of 1896) . . . . .	748 98
On account of Fund for Harlem River Bridge at Third avenue (chapter 413, Laws of 1892) . . . . .	98,359 40
On account of Fire-hydrant Stock (chapter 510, Laws of 1894) . . . . .	21,446 26
On account of Revenue Bond Fund, Appellate Court (chapter 533, Laws of 1895) . . . . .	7,388 60
On account of Special Fund for Restoring Pavements (Revised Ordinances, sections 354 to 357) . . . . .	39,492 76
On account of Revenue Bonds for Water-meters (Consolidation Act, sections 161 and 252) . . . . .	66 86

Total . . . . . \$1,825,759 55

### SUMMARY STATEMENT OF CONTRACTS.

Contracts Entered into during the Quarter.	Estimated Cost.	Contracts Completed during the Quarter.	Actual Cost.
32 sewer contracts . . . . .	\$140,245 21	9 sewer contracts . . . . .	\$26,491 79
7 regulating, grading, curbing and flagging contracts . . . . .	27,031 40	13 regulating, grading, curbing and flagging contracts . . . . .	39,053 85
42 paving and repaving contracts . . . . .	843,209 26	47 paving and repaving contracts . . . . .	581,550 85
3 contracts for water-mains . . . . .	472,619 00	4 fencing contracts . . . . .	157 48
1 fencing contract . . . . .	46 60	7 miscellaneous contracts . . . . .	74,755 07
4 miscellaneous contracts . . . . .	20,198 00		
89 contracts; total estimated cost . . . . .	\$1,503,319 47	80 contracts; total cost . . . . .	\$722,009 15

### BUREAU OF CHIEF ENGINEER OF THE CROTON AQUEDUCT.

The rainfall in the Croton and Bronx river watersheds has been quite equal to that of the third quarter in a number of years past, as shown by the following table:

LOCATIONS.	JULY.	AUGUST.	SEPT.	TOTAL.
	Inches.	Inches.	Inches.	Inches.
Boyd's Corner Reservoir . . . . .	3.18	4.56	6.50	14.24
Middle Branch Reservoir . . . . .	4.21	3.65	5.11	12.97
Kensico Reservoir . . . . .	4.44	2.40	5.07	11.91
Croton Dam . . . . .	6.50	2.89	4.89	14.28
Central Park Reservoir . . . . .	6.20	1.86	4.71	12.77

For five days in July the natural flow in the Croton river exceeded the volume of water required for the daily supply of the city, and the surplus was discharged over the Croton dam.

The total quantity of water drawn from storage, to supplement the natural flow of the Croton river, was 9,920,000,000 gallons, an average of nearly 108,000,000 gallons per day. At the close of the quarter there were 22,000,000,000 gallons of water held in reserve in the storage reservoirs, lakes and ponds.

The construction of the dam for Reservoir A, on the Muscoot river, a tributary of the Croton, is approaching completion, and the outflow is now under control.

For the supply from the Bronx river, 1,090,000,000 gallons of water were drawn from the Kensico and Rye Ponds Reservoirs, which is more than two-thirds of the entire supply.

The care and maintenance of the two Croton aqueducts, the Bronx river conduit, the storage reservoirs, dams, sluices, air shafts, receiving and distributing reservoirs, and all other appurtenances of the system for conveying to the city a constant water supply, involve a mass of details which are given in the Chief Engineer's report hereto appended. As special items of this work I will mention the following: 1,200 cubic yards earth excavated, 108 cubic yards masonry wall built, 413 cubic yards filling used in grading, 4,265 lineal feet fences built, 1,271 lineal feet fences repaired, 800 lineal feet sewers and drains built, 105 cubic yards stone cut and dressed, 1,700 lineal feet board walk laid, 400 cubic yards stone screenings spread, 1,258 cubic yards brick masonry built, 32,500 square yards masonry filled with cement grouting.

In extending the water service into new streets and districts, 5,978 lineal feet 36-inch mains, 5,477 lineal feet 20-inch mains, 8,942 lineal feet 12-inch mains and 23,230 lineal feet 6-inch mains were laid, making a total of 43,627 lineal feet, or 8.26 miles. In connection with these new mains 102 stop-cocks and 121 fire-hydrants were placed.

Under the special legislative appropriation of \$50,000 by issue of bonds, for placing additional fire-hydrants, as called for by the Fire Department, 300 new hydrants have been furnished by contract, and 126 hydrants have been set and connected with the water-mains by a special force of mechanics and laborers.

The contract for laying two 48-inch water-mains in Fifth avenue, from Eighty-first to Twentieth street, and a 48-inch main and 36-inch main, was awarded in August to the lowest bidder and work is now in active progress.

At an early date plans and estimates will be submitted to the Board of Estimate and Apportionment for other large mains, to be laid under the appropriation of \$1,000,000, made by chapter 669 of the Laws of 1896.

The following are the principal items of work performed by the six companies or gangs of mechanics and laborers employed in the care and repairs of the system for distributing the City's water supply: 255 leaks in water-mains repaired, 246 new fire-hydrants placed, 2,464 fire-hydrants repaired, 17 new stop-cocks placed, 470 stop-cocks repaired, 248 leaking service pipes cut off, 752 taps placed in water-mains for new service pipes.

The pumping engines at the new High Service Works at Washington Bridge are undergoing the fifty days' test provided in the contract, and have thus far proved fully equal to all requirements. A detailed statement of the results will be found in the report of the Chief Engineer, hereto appended.

The draw of the new Harlem Bridge at Third avenue is completed. The span from the southerly approach to the draw, and the arcade on the southwest approach, are now being erected.

The Commissioners of Appraisal for approaches to the bridge to be built over the Harlem river, between First and Willis avenues, have not yet concluded their labors.

### BUREAU OF WATER PURVEYOR.

An average force of 168 pavers and rammers, 197 laborers, 71 carts and 3 teams was employed during the quarter in the repair of streets paved with granite and trap blocks, and has taken up and relaid 87,470 square yards of pavement. In addition to this, 5,887 square yards of stone pavements were relaid by contractors and 435 1/2 square yards of asphalt were repaired by asphalt paving companies, on order of the Department, charged to the appropriation for repairs.

The following is a summary statement of the area of new pavements completed during the quarter:

	ASPHALT. SQUARE YARDS.	GRANITE AND TRAP. SQUARE YARDS.
Repaving under Legislative appropriation (chapter 475, Laws of 1895) . . . . .	94,347	254
Repaving under the regular annual appropriation . . . . .	49,327	24,501
Repaving within land grants, payable by assessment on abutting property . . . . .	17,064	8,276
First pavements on new streets, payable by assessments . . . . .	8,881	
Total . . . . .	169,619	33,031

Length in miles: Asphalt, 9.9; granite and trap block, 1.9; total, 11.8 miles.

Nine separate contracts have been made by awards to the lowest bidders at public letting for the future maintenance and repairs of asphalt pavements on twenty-one streets, where the period of five years' guarantee and maintenance by the contractors has expired. The prices range from 6 cents to 12 cents per square yard per year, according to the varying conditions of traffic, subsoil, etc. The average for the nine contracts is 8 1/2 cents per square yard per year.

There are now on Manhattan Island 391 miles of paved streets, viz.: Oblong (specification) granite and trap block, 221 miles; old square granite and trap block, 64 miles; asphalt, 86 miles; macadam, 19 1/2 miles; cobble stone, one-half mile.

During the quarter 6,132 separate excavations in pavements were made for laying and repairing gas-mains, electric subways and ducts, steam pipes and car-tracks, and for making and repairing house connections with sewers, water-mains, gas service and electric service. The several corporations laid 27 1/2 miles of new gas-mains, 7 miles of electric subways and ducts and two-third miles of double track railway.

The obstructive attitude of the railroad companies is a great obstacle to the progress in improvement of the city's pavements. In the case of First avenue, from Twentieth to One Hundred and Ninth street, where the Department had made a contract for, and was prepared to complete this year an entire new pavement, they have refused to pave the space within and between their tracks, and are very dilatory and slow in relaying and adjusting the tracks to the correct grade. The consequence is that large sections of the avenue are torn up and impassable, and that the completion of this necessary improvement is thrown over to next year.

Six contracts for regulating and grading streets, 10 contracts for curbing and flagging sidewalks, and 4 contracts for fencing vacant lots were completed during the quarter. At the close of the quarter work was in progress on 8 regulating and grading contracts. The following are the aggregate quantities of work done: 33,839 cubic yards earth excavated, 20,837 cubic yards rock excavated, 27,072 cubic yards filling placed in embankments, 11,166 lineal feet new curb-stone set, 137 lineal feet old curb-stone reset, 60,377 square feet new flagging laid, 11,963 square feet old flagging relaid, 110 lineal feet culverts built and 742 lineal feet fences built.

The Department is vigorously continuing its efforts to remedy defects in the pavement or flagging of sidewalks with gratifying results. During the quarter over 1,900 notices were served on delinquent property-owners to put their sidewalks in proper condition, and about 1,000 permits were issued to make needed repairs.

### OFFICE OF THE ENGINEER IN CHARGE OF SEWERS.

New sewers were completed in Pleasant avenue, between One Hundred and Fourteenth and One Hundred and Fifteenth streets; in Convent avenue, between One Hundred and Thirty-fifth and One Hundred and Forty-first streets; in Eleventh avenue, between One Hundred and Eighty-fifth and One Hundred and Eighty-seventh streets, and in Union Square, between Sixteenth and Seventeenth streets. Four separate contracts for receiving-basins were also completed. At the close of the quarter work was in progress on 25 sewer contracts and 12 basin contracts. There were 3,314 lineal feet of new sewers and 8 new basins added to the sewer system on Manhattan Island, which now comprises 470.4 miles of sewers and 5,570 receiving-basins.

The following are the principal items of work performed in repairing and cleaning sewers and basins: 1,676 receiving-basins cleaned, 68,271 lineal feet of sewers cleaned, 391,259 lineal feet of sewers examined, 33 lineal feet new pipe sewer laid, 35 receiving-basins repaired, 107 manhole heads reset, 42 new manhole heads and 114 new covers placed, 26 new basin covers placed, 11 hoods and 56 grates placed, 136 cart loads of deposits removed, 452 cubic yards earth excavated and refilled and 262 square yards pavement taken up and relaid.

### BUREAU OF STREETS AND ROADS.

In the care and repair of 19 1/2 miles of macadam roadways, 4,827 square yards of roadway was resurfaced and 17,771 square yards repaired. Gravel and stone screenings were spread over 31,857 square yards of roads. The following materials were used: 676 truck-loads of broken stone, 550 truck-loads of stone screenings, 438 truck-loads of gravel, 183 truck-loads of Telford foundation stone, 769 truck-loads of clean earth and ashes. In cleaning the roadways, 2,607 truck-loads of refuse were removed.

With a small addition, by transfer, to the appropriation for "Boulevards, Roads and Avenues, Maintenance of," the Department has demonstrated what a vast improvement can be made at moderate expense in the appearance of the Western Boulevard by rescuing the central park plots from the desolate condition into which they had fallen through many years of neglect. Nine of these park spaces, having an area of 37,300 square feet, have been covered with fresh green sod and central pathways of fine stone screenings. The improvement has met with universal approval and commendation, and its continuance and completion during the ensuing year is urgently demanded.

In repairing unpaved streets in the upper part of the city, 9,092 square yards of roadways have been regraded, 1,180 square feet of crosswalks relaid, 56 lineal feet of stone drain built, 558 truck-loads of broken stone and 1,899 truck-loads of earth carted and used.

### BUREAU OF LAMPS AND GAS.

The following are the changes and additions in the service of lighting the streets, parks, places, docks and bridges of the city for the three months: 187 new gas-lamps placed and lighted, 35 new electric-lamps placed and lighted, 104 new naphtha-lamps placed and lighted, 186 old gas-lamps relighted, 121 gas-lamps displaced by electric-lamps, 65 gas-lamps temporarily discontinued. At the close of the quarter there were 25,379 gas-lamps, 3,424 electric-lamps and 1,127 naphtha-lamps in use.

The removal of unused gas lamp-posts has been continued as rapidly as the limit of appropriation permits.

New lamps of ornamental design with good display of street signs, plainly discernible at night, have been placed at the street intersections on Fifth avenue, from Washington Square to Fifty-ninth street; on Broadway, from Twenty-third to Fifty-ninth street, and on Madison avenue, from Forty-first to Seventy-ninth street.

### BUREAU OF REPAIRS AND SUPPLIES.

Alterations in the interior arrangements and fittings of the Criminal Court building have been in progress and are nearly completed under five different contracts awarded by the Commissioners of the Sinking Fund.

Many of the court-rooms and offices in the County Court-house have been repainted and decorated. The steam for heating this building and operating the passenger elevators is now furnished by contracts with the New York Steam Company at a considerable saving from the expense of producing it from the boilers in the building.

Alterations are in progress in the City Hall for the better housing and display of the books and records in the City Library.

The details of other repairs and improvements in municipal buildings, public markets and armories of the National Guard are given in the report of the Superintendent of Repairs and Supplies, hereto appended.

An account of the management and use of the fifteen free baths for the season of 1896 will be contained in the forthcoming annual report. At the close of the quarter they were still open to the public, but about to be closed for the season.

### BUREAU OF INCUMBRANCES.

The following is a summary of the operations of this Bureau for the quarter: 1,167 complaints of obstructions received and attended to, 360 seizures and removals of obstructions made, 1,838 permits issued to place building material on streets, 28 permits issued for protection sheds over sidewalks, 252 miscellaneous permits issued, 241 dead shade trees removed, 290 cart-loads of stone and refuse removed from streets.

### BUREAU OF WATER REGISTER.

The following is the revenue from the water service collected and paid into the City Treasury during the quarter:

For frontage rate on houses . . . . .	\$852,290 91
For penalties on frontage rates . . . . .	3,156 30
For water supplied through meters . . . . .	505,789 31
For water supplied for building purposes . . . . .	7,810 91
For water supplied to boilers, tugs, and for street sprinkling . . . . .	16,982 09
For permits to tap water-mains . . . . .	2,786 00

Total . . . . . \$1,393,684 97

### MISCELLANEOUS REVENUE.

The Department also collected and paid into the City Treasury:

For vault permits . . . . .	\$34,808 33	For articles sold at auction . . . . .	\$747 99
For sewer permits . . . . .	4,542 30	For restoring pavements over street openings . . . . .	31,132 21
For redemption of street obstructions . . . . .	417 75	For furnishing and setting water-meters . . . . .	305 70
For work and material furnished citizens . . . . .	842 51		
For use of road roller . . . . .	18 00		
For permits for temporary sidewalk sheds . . . . .	190 00		
		Total . . . . .	\$73,004 79



For further and detailed information of the business of the Department for the quarter, I respectfully refer to the following documents, appended to this report:

- Document A—Summary of appropriations and expenditures.
- Document B—Detailed statement of contracts.
- Document C—Report of Chief Engineer.
- Document D—Report of Water Purveyor.
- Document E—Report of Engineer in Charge of Sewers.

- Document F—Report of Superintendent of Streets.
- Document G—Report of Superintendent of Lamps and Gas.
- Document H—Report of Superintendent of Repairs and Supplies.
- Document I—Report of Superintendent of Incumbrances.
- Document J—Report of Water Registrar.

Very respectfully,

CHARLES H. T. COLLIS, Commissioner of Public Works.

DOCUMENT "A."—Showing Titles of Appropriations; Appropriations, including Transfers, 1895; Requisitions on 1895 to July 1, 1896; Requisitions on 1895 in 3d Quarter, 1896; Balances of 1895 on October 1, 1896; Appropriations, with Transfers, 1896; Requisitions, 1st Quarter, 1896; Requisitions, 2d Quarter, 1896; Requisitions, 3d Quarter, 1896; Balances, October 1, 1896; Titles and Expenditures on Trust and Special Accounts and Receipts for the First Nine Months, 1896.

TITLES OF APPROPRIATIONS.	APPROPRIATIONS, INCLUDING TRANSFERS, 1895.	REQUISITIONS ON 1895, FROM JAN. 1, 1895, TO JULY 1, 1896.	BALANCES OF 1895 ON OCT. 1, 1896.	APPROPRIATIONS AND TRANSFERS FOR 1896.	REQUISITIONS, 1ST QUARTER, 1896.	REQUISITIONS, 2D QUARTER, 1896.	REQUISITIONS, 3D QUARTER, 1896.	BALANCES, OCT. 1, 1896.
Aqueduct—Repairs, Maintenance and Strengthening.....	\$214,337 00	\$214,223 42	\$113 58	\$231,735 00	\$30,106 56	\$49,544 02	\$62,614 97	\$89,379 45
Aqueduct—Repairs, Maintenance and Strengthening—Salaries.....	27,550 00	24,492 57	3,357 43	28,000 00	5,749 86	7,629 09	6,895 68	7,725 37
Aqueduct—Repairs to Fence around Old Reservoir in Central Park.....	.....	.....	.....	3,000 00	.....	.....	.....	3,000 00
Boring Examinations for Grading and Sewer Contracts.....	5,000 00	4,855 80	144 20	5,000 00	913 50	1,002 00	999 00	2,085 50
Boulevards, Roads and Avenues, Maintenance of.....	110,000 00	109,744 75	255 25	115,000 00	20,842 91	37,559 97	34,245 98	22,351 14
Boulevards, Roads and Avenues, Maintenance of—Salaries.....	2,500 00	2,499 96	04	2,500 00	624 99	624 99	624 99	625 03
Bridge over Harlem Ship Canal—Maintenance of.....	8,000 00	7,858 11	141 89	7,500 00	1,599 93	1,852 96	1,817 79	2,229 32
Bronx River Works—Maintenance and Repairs.....	20,000 00	19,030 87	369 13	20,000 00	2,502 35	3,551 00	4,238 77	9,697 88
Bronx River Works—Maintenance and Repairs—Salaries.....	2,400 00	2,400 00	.....	2,400 00	406 90	300 00	300 00	1,393 10
Contingencies—Department of Public Works.....	4,500 00	4,499 62	38	5,000 00	925 47	649 95	1,009 18	2,415 40
Flagging Sidewalks and Fencing Vacant Lots in front of City Property.....	2,000 00	1,988 19	11 81	2,000 00	.....	275 00	99 83	1,625 17
Free Floating Baths.....	18,000 00	16,996 08	1,003 92	20,000 00	2,505 82	1,994 13	9,310 41	6,183 64
Free Floating Baths—Salaries.....	20,000 00	20,000 00	.....	20,078 00	1,943 25	1,949 00	17,703 00	7,482 75
Lamps and Gas and Electric Lighting.....	980,000 00	979,948 80	51 20	1,087,831 00	162,708 82	263,106 96	284,304 40	377,710 82
Lamps and Gas and Electric Lighting—Salaries.....	6,500 00	6,488 39	11 61	6,500 00	1,624 95	1,624 95	1,624 95	1,625 15
Laying Croton Pipes.....	210,000 00	208,142 72	6,781 56	220,000 00	120 82	19,095 10	86,107 39	114,676 69
Laying Croton Pipes—Salaries.....	19,710 00	19,707 50	2 50	19,783 00	4,403 48	4,650 98	4,214 23	6,431 31
One Hundred and Fifty-fifth Street Viaduct—Maintenance and Repairs.....	2,100 00	2,100 00	.....	2,100 00	693 85	218 50	182 00	1,005 65
Public Buildings—Construction and Repairs.....	75,000 00	71,884 06	1,928 94	65,000 00	8,579 13	14,520 89	16,888 00	25,011 89
Public Buildings—Construction and Repairs, Ludlow Street Jail.....	.....	.....	.....	8,000 00	594 45	204 55	324 68	6,066 32
Public Drinking-fountains.....	2,000 00	1,910 22	89 78	5,000 00	.....	332 08	855 72	3,812 20
Removing Obstructions in Streets and Avenues—Rents for Corporation Yards.....	23,500 00	15,086 93	8,563 07	15,000 00	2,317 60	3,561 95	3,788 95	5,331 50
Removing Obstructions in Streets and Avenues—Salaries.....	9,450 00	8,984 01	465 99	9,900 00	2,324 98	2,309 98	2,411 27	2,693 77
Repairing and Renewal of Pipes, Stop-cocks, etc.....	212,850 00	212,162 44	687 56	212,000 00	41,441 77	44,597 10	60,712 18	65,248 95
Repairs and Renewal of Pavements and Regrading.....	272,275 00	257,533 14	13,267 33	285,000 00	18,042 21	47,321 58	82,032 87	137,553 34
Repairs and Renewal of Pavements and Regrading—Salaries.....	21,725 00	18,090 76	3,634 24	17,000 00	5,177 49	5,045 16	4,673 53	1,502 82
Repairs of Eighth Avenue Pavement.....	18,000 00	11,604 38	6,395 62	19,200 00	.....	4,800 00	4,800 00	9,600 00
Repaving Streets and Avenues.....	250,000 00	250,000 00	.....	225,000 00	.....	9 77	103,941 10	121,049 13
Repaving Streets and Avenues—Salaries.....	13,000 00	6,912 51	6,087 49	13,000 00	1,593 40	3,191 36	3,160 89	5,054 35
Roads, Streets and Avenues Unpaved—Maintenance of and Sprinkling.....	30,000 00	29,846 75	153 25	35,000 00	2,336 89	3,755 01	8,075 96	19,932 14
Salaries—Department of Public Works.....	95,675 00	92,055 43	3,619 57	91,720 00	20,729 98	21,058 02	22,593 30	27,338 70
Salaries—Engineers, Clerks, Inspectors, etc.....	66,150 00	65,325 45	824 55	65,000 00	14,016 82	16,251 05	15,850 30	18,281 83
Salaries—Consulting Engineer on Pavements, etc.....	5,000 00	4,999 92	08	5,000 00	1,249 98	1,249 98	1,249 98	1,250 00
Sewers—Repairing and Cleaning.....	100,000 00	99,985 44	14 56	122,500 00	22,223 18	33,477 30	36,131 79	30,697 67
Sewers—Repairing and Cleaning—Salaries.....	10,000 00	9,875 92	124 08	10,000 00	2,169 98	2,407 98	2,461 98	2,960 06
Sewerage System—Salaries.....	8,400 00	8,188 93	211 07	8,400 00	1,800 00	1,800 00	1,800 33	2,991 67
Soldiers' Monument in Calvary Cemetery.....	.....	.....	.....	4,350 00	.....	.....	.....	4,350 00
Street Improvements—For surveying, Monumenting and Numbering Streets.....	2,325 00	1,898 00	207 00	4,000 00	339 00	470 35	342 00	2,818 65
Supplies for and Cleaning Public Offices, etc.....	180,325 00	176,301 16	2,740 53	177,325 00	29,512 66	41,630 12	41,731 55	64,500 67
Supplies for and Cleaning Public Offices—Salaries.....	34,332 84	34,332 84	1,442 10	33,316 66	8,865 10	8,861 71	9,184 00	6,687 85
Supplying Water to Shipping and for Building Purposes—Salaries.....	10,000 00	7,995 00	2,005 00	8,095 00	1,742 66	1,084 98	2,035 98	9,331 38
Surveys, Maps, etc., for Street Openings and New Streets—Salaries.....	7,600 00	7,592 96	7 04	7,600 00	1,899 99	1,899 99	1,899 99	1,900 03
Water Supply for Twenty-fourth Ward.....	7,500 00	6,626 00	874 00	7,500 00	1,144 09	.....	3,602 74	2,693 17
Water Supply for Twenty-fourth Ward—Salaries.....	1,200 00	748 39	451 61	1,200 00	.....	.....	.....	1,200 00
Totals.....	\$3,123,397 00	\$2,881,685 70	\$193,307 89	\$3,262,530 66	\$426,452 82	\$655,959 57	\$947,859 75	\$1,231,258 52

TITLES OF TRUST AND SPECIAL ACCOUNTS.	BALANCES AND RETURNS OF ARREARS FROM 1895.	RECEIPTS, 1ST AND 2D QUARTERS, 1896.	RECEIPTS, 3D QUARTER, 1896.	APPROPRIATIONS, BALANCES OF 1895, AND RECEIPTS TO OCT. 1, 1896.	REQUISITIONS, 1ST QUARTER, 1896.	REQUISITIONS, 2D QUARTER, 1896.	REQUISITIONS, 3D QUARTER, 1896.	BALANCES, OCT. 1, 1896.
Additional Water Fund, City of New York.....	.....	.....	.....	\$694,801 23	\$112,842 61	\$20,829 29	\$802 60	\$541,326 72
Bridge over Harlem River at Third Avenue.....	.....	.....	.....	75,888 27	79,727 78	45,432 10	89,359 40	540,358 99
Bridge over Harlem River, between First and Willis Avenues.....	.....	.....	.....	11,201 17	1,428 18	1,425 46	.....	8,347 53
Spytoven Duvvill Creek Bridge.....	.....	.....	.....	5,000 00	.....	.....	748 98	4,251 02
Construction of Seventh District Police Court and Prison.....	.....	.....	.....	113,031 59	27,868 80	13,589 10	57,770 75	13,793 94
Croton Water Fund.....	.....	.....	.....	.....	30,665 46	48,520 94	68,363 00	.....
Fire Hydrant Fund, City of New York.....	.....	.....	.....	81,335 35	8,021 00	14,589 84	21,446 26	37,277 35
Public Building, Twenty-third and Twenty-fourth Wards—Crotona Park.....	.....	.....	.....	62,006 66	9,064 91	10,112 00	.....	43,489 75
Restoring and Repaving—Special Fund—Department of Public Works.....	\$35,048 62	\$48,717 75	\$31,132 21	114,898 58	24,708 16	37,397 53	39,492 76	73,360 13
Revenue Bond Fund—Supreme Court, Appellate Division.....	.....	.....	.....	29,615 00	12,869 28	10,848 72	388 60	5,508 40
Revenue Bond Fund—Construction of Court-house, Appellate Division.....	.....	.....	.....	700,000 00	.....	.....	7,000 00	693,000 00
Criminal Court-house Fund.....	.....	.....	.....	.....	.....	.....	4,175 00	.....
Street Improvement Fund.....	.....	.....	.....	.....	259,530 82	136,657 75	294,515 33	.....
Water-main Fund.....	.....	.....	.....	755,994 31	24,304 80	48,682 57	61,613 15	621,393 79
Water-meter Fund, No. 2.....	28,762 20	1,340 70	305 70	30,408 60	520 31	863 23	66 86	28,958 20
Repaving—Chapter 475, Laws of 1895.....	854,174 20	.....	.....	1,854,174 20	172,522 72	82,067 72	236,323 11	1,363,260 65

NOTE.—Requisitions drawn Third Quarter, 1896, on Liabilities of 1895—Free Floating Baths, \$3,24; Laying Croton Pipes, \$1,075.72; same account, 1894, \$554.25; same account, 1891, \$2,187.45; Public Buildings—Construction and Repairs, \$1,187; Repairs and Renewal of Pavements, etc., \$1,474.53; Repaving Streets and Avenues, \$43,765.52; same account, 1894, \$83; Street Improvements for Surveying, etc., \$220; Supplies for and Cleaning Public Offices, \$1,277.31; on Liabilities of 1889—Repaving, chapter 346, Laws of 1889, \$1,143.74; Vouchers, covering claims of 1895, cancelled as follows: Revenue Bond Fund—Supreme Court, Appellate Division, Johnson Bros., Requisition No. 26324, \$51.20; Sewers—Repairing and Cleaning, John T. Brady, Requisition No. 26851, \$5.

Statement of General Bookkeeper, D. P. W., Showing all Revenues of the City Received through the Department of Public Works during the First Three Quarters of 1896.

SOURCE OF REVENUE.	1ST QUARTER.	2D QUARTER.	3D QUARTER.	FIRST NINE MONTHS, 1896.
Water rents.....	\$590,955 34	\$97,674 49	\$1,382,873 22	\$2,971,503 05
Water penalties.....	1,493 45	1,330 95	3,156 30	5,980 70
Pipe tapping.....	1,815 00	4,193 00	2,786 00	8,824 00
Sewer permits.....	4,297 10	8,364 21	4,542 30	17,203 61
Vault permits.....	25,010 17	35,277 23	34,808 33	95,095 73
Redemption of street obstructions.....	266 50	246 75	417 75	931 00
Work and material furnished citizens.....	184 73	350 71	842 51	1,383 95
Use of road-roller.....	87 00	45 00	18 00	150 00
Sales by auction.....	659 81	.....	747 99	1,407 80
Permits for temporary sheds over sidewalks.....	330 00	345 00	190 00	865 00
Total.....	\$626,029 10	\$1,047,833 34	\$1,430,382 40	\$3,104,244 84

C. T. MCCLLENACHAN, General Bookkeeper, D. P. W.

#### DOCUMENT "B."—STATEMENT OF CONTRACTS.

Contracts Entered Into during the Quarter ending September 30, 1896.

NATURE AND LOCATION OF WORK.	CONTRACTOR.	ESTIMATED COST.
<i>Sewer and Receiving-basin Contracts.</i>		
Sewer repairs in 130th st., bet. 12th ave. and North river.....	John Kenny.....	\$320 00
Sewer in Water st., bet. Wall st. and Gouverneur la.....	John P. Larney.....	1,732 00
Sewer in 4th ave., bet. 31st and 32d sts.....	.....	1,452 00
Sewer in Lexington ave., both sides, bet. 97th and 98th sts.....	Walter J. Ford.....	4,998 25
Sewer repairs in Morris st., bet. West and Washington sts.....	Thomas P. McQuade.....	1,686 00
Sewer repairs in Cedar st., bet. 166th and 169th sts., and in 168th st., bet. Audubon ave. and Kingsbridge rd.....	Matthew J. Conley.....	3,886 00
Sewer repairs in Cedar st., at and east and west of Greenwich st.....	Bart Dunn.....	3,048 00
Sewer alteration and improvements in Morris st., bet. Greenwich st. and Broadway, and new sewer in Broadway, west side, bet. Morris st. and Exchange pl.....	.....	3,068 00
Sewer in 135th and 137th sts., bet. Convent ave. and St. Nicholas terrace, and in St. Nicholas terrace, bet. 135th and 137th sts.....	William G. Leeson.....	9,075 02
Sewer in 108th st., bet. Manhattan and Columbus aves.....	Norton & Dalton.....	1,437 02
Sewer in 145th st., south side, bet. Edgecombe ave. and Avenue St. Nicholas.....	Thomas Murray.....	3,117 50
Sewer in Audubon ave., bet. 166th and 169th sts., and in 168th st., bet. Audubon ave. and Kingsbridge rd.....	William G. Leeson.....	8,635 01
Sewer in 5th ave., bet. Waverley pl. and 31st st., and alteration and improvement to basins at 14th, 17th and 19th sts., bet. 31st and 34th sts., and 35th and 39th sts., with alteration and improvement to sewers in 33th and 36th sts.; bet. 39th and 42d sts., and bet. 47th and 50th sts.....	John A. McCarthy.....	68,307 00
Sewer in Church st., bet. Duane and Thomas sts.....	Cunningham & Kearns.....	1,231 25
Sewer in Macdougall st., bet. West Washington pl. and Clinton pl.....	Thomas P. McQuade.....	2,955 10
Sewer in 163d st., bet. Amsterdam ave. and Edgecombe rd.....	John Slattery.....	3,099 00
Sewer in Audubon ave., bet. 172d and 175th sts., and in 173d st., bet. Amsterdam and 17th aves.....	Thomas Murray.....	10,199 50
Sewer in 120th st., bet. Amsterdam and 17th aves.....	Reiley & Mahoney.....	7,732 00
Storm overflow from receiving-basin, northwest cor. of South st. and Market Slip.....	John Kenny.....	280 00
Storm overflow from receiving-basin, northeast cor. of South st. and Rutgers Slip.....	.....	276 00
Receiving-basin, north side of 86th st., about 276 ft. east of East End ave.....	.....	247 06
Receiving-basin, southeast cor. of 30th st. and 2d ave.....	.....	328 00
Receiving-basins, north and south sides of 142d st., bet. Hudson river and Boulevard.....	.....	824 03
Receiving-basin, northwest cor. of 168th st. and Amsterdam ave.....	Philip J. Kearns.....	215 90
Receiving-basin, southwest cor. of 168th st. and Amsterdam ave.....	.....	206 00
Receiving basins, northeast and southeast cor. of 17th st. and 13th aves.....	.....	616 00

Receiving-basin, southeast cor. of Baxter and Grand sts.....	Bernard Mahon.....	\$215 00
Receiving-basin, east side of Amsterdam ave., about 108 ft. north of 179th st.....	.....	307 00
Receiving-basin, northeast cor. of Cathedral Parkway and Riverside Drive.....	.....	536 00
Receiving-basin, northwest cor. of Cathedral Parkway and Amsterdam ave.....	.....	240 00
Receiving-basin, northwest cor. of 120th st. and Sylvan place.....	Robert C. Winters.....	205 60

#### Regulating, Grading, Curbing and Flagging Contracts.

Regulating, grading, etc., 154th st., from Brødhurst ave. to Macomb's Dam rd., except bet. 8th ave. and Macomb's Dam rd.....	Thomas Callanan.....	\$1,010 10
Regulating, grading, etc., 178th st., from Amsterdam ave. to Kingsbridge road.....	Thomas J. McLaughlin.....	16,818 88
Regulating, grading, etc., 182d st., from Amsterdam ave. to Kingsbridge road.....	Duffy & Bishop.....	7,624 30
Flagging, etc., 128th, 129th and 130th sts., bet. Amsterdam and 14th aves.....	Thomas Callanan.....	746 00
Flagging, etc., Boulevard, west side, from 66th to 103d st.....	John T. Brady.....	197 73
Flagging, etc., West Broadway, east side, from Vesey to Barclay st.....	Walter J. Ford.....	241 80
Flagging, etc., 7th ave., east side, bet. 116th and 117th sts.....	.....	392 59

#### Paving and Repaving Contracts.

Paving 107th st., from Columbus to Amsterdam ave.....	James Quinn, Jr
---	-----------------



Repairing and maintaining asphalt pavement in 7th st., from 3d to 4th ave., and 16th st., from Avenue C to East river	Scilian Asphalt Paving Co.	\$4,110 95
Repairing and maintaining asphalt pavement in 73d st., from West End ave. to Riverside Drive; 73d st., from Boulevard to West End ave.; West End ave., from 69th to 72d st., and West End ave., from 72d to 76th st.	Barber Asphalt Paving Co.	9,593 85
Repairing and maintaining asphalt pavement in 120th st., from 7th to 8th ave.; 121st st., from Lenox to Mount Morris ave., and 122d st., bet. Lenox and Mount Morris ave.	"	5,468 30
Repairing and maintaining asphalt pavement in Pleasant ave., from 115th to 119th st.	"	4,593 00
Repairing and maintaining asphalt pavement in 82d st., from Boulevard to Riverside Drive; 85th st., from Boulevard to Riverside Drive; 87th st., from West End ave. to Riverside Drive, and 88th st., from West End ave. to Boulevard	Warren - Scharf Asphalt Paving Co.	6,569 85
Repairing and maintaining asphalt pavement in 103d st., from Boulevard to Amsterdam ave., and 105th st., from Boulevard to Central Park West	Warren - Scharf Asphalt Paving Co.	29,053 15
Repairing and maintaining asphalt pavement in 128th, 133d and 144th sts., from 8th to St. Nicholas ave., and 138th st., from 8th to Edgecombe ave.	Scilian Asphalt Paving Co.	2,879 50
Repairing and maintaining asphalt pavement in Liberty st., from Broadway to Wall st.; Cedar st., from Nassau st. 200 ft. east; New st., from Exchange pl. 100 ft. south, and Nassau st., from Pine to Liberty st.	Barber Asphalt Paving Co.	3,337 10
Repairing and maintaining asphalt pavement in Madison ave., from 23d to 32d st.	"	13,326 85
<b>Fencing Vacant Lots Contracts.</b>		<b>\$843,209 25</b>
Fencing 84th st., south side, bet. Amsterdam ave. and Boulevard	Robert C. Winters	\$46 60
<b>Laying Water-mains Contracts.</b>		
Laying water-mains in Bailey, Briggs, Undercliff, Forest, Franklin, Wales and 1st aves., in 54th, 55th, 56th, 100th, 124th, 135th, 137th, 160th, 176th, Union, Dawson, Home and Hudson streets	John A. Gregory	\$10,540 00
Furnishing and laying water-mains from 121st st. and Pleasant ave. to and under the Harlem river to and across Randall's Island	"	9,619 00
Furnishing and laying water-mains in 5th ave. and Washington Sq., from 80th to 4th st.	William P. Baird	452,460 00
<b>Miscellaneous Contracts.</b>		<b>\$472,619 00</b>
Furnishing 150 ornamental street-lamps	E. P. Gleason Mfg. Co.	\$2,917 50
Improvement of the grounds of the New High Service Works, 197th st., 10th ave. and Harlem river	James R. F. Kelly & Co.	9,517 50
Making alterations and repairs to the building, No. 5 Duane st.	Joseph Lane	1,400 00
Making alterations and repairs to Ludlow St. Jail	Joseph Lane	6,363 00
<b>RECAPITULATION.</b>		<b>\$1,593,349 47</b>
32 Sewer and receiving-basin contracts		\$140,245 21
7 Regulating, grading, curbing and flagging contracts		27,031 40
42 Paving and repaving contracts		843,209 25
1 Fencing vacant lots contract		40 00
3 Laying water-mains contracts		472,619 00
4 Miscellaneous contracts		20,198 00
89 Contracts.	Total	\$1,593,349 47

## RECAPITULATION.

32 Sewer and receiving-basin contracts	\$140,245 21
7 Regulating, grading, curbing and flagging contracts	27,031 40
42 Paving and repaving contracts	843,209 25
1 Fencing vacant lots contract	40 00
3 Laying water-mains contracts	472,619 00
4 Miscellaneous contracts	20,198 00
89 Contracts.	Total \$1,593,349 47

## Contracts Completed.

NATURE OF WORK.	LOCATION OF WORK.	AMOUNT.
<b>Sewer and Receiving-basin Contracts.</b>		
Sewer	Pleasant ave., bet. 114th and 115th sts.	\$1,058 77
"	Convent ave., bet. 135th and 141st sts.	18,507 97
"	Union Sq., West, bet. 76th and 77th sts.	1,558 75
Sewer (repairs)	120th st., bet. 12th ave. and North river	320 00
"	11th ave., bet. 186th and 187th sts.	3,835 02
Receiving-basins	Northeast cor. of 77th st., and southeast cors. of 82d and 83d sts. and Riverside ave.	557 50
"	Southwest cor. of 152th st. and Boulevard Lafayette	175 64
Receiving-basin, e.c.	137th st. at Madison ave.	222 25
"	Southeast cor. of 30th st. and 2d ave.	196 00
		<b>\$26,491 90</b>
<b>Regulating, Grading, Curbing and Flagging Contracts.</b>		
Regulating and grading	108th st., from Columbus to Manhattan ave.	\$3,518 67
"	54th st., from 10th ave. to Hudson river	7,480 79
"	Isham st., from Kingsbridge rd. to 10th ave.	5,074 72
"	111th st., from Boulevard to Riverside Drive	5,361 83
"	186th st., from Amsterdam to Wadsworth ave.	14,014 10
Flagging, etc.	103d st., from Columbus ave. to B. ulvard.	177 43
"	Nos. 306 and 308 East 63d st.	76 38
"	North side of 60th st., bet. Boulevard and West End ave.	99 93
"	South side of 75th st., bet. 1st ave. and Avenue A	551 75
"	28th st., bet. 1st ave. and East river	639 00
"	West side of Boulevard, bet. 96th and 103d sts.	226 54
"	West Broadway, bet. Vesey and Barclay sts.	217 14
"	East side of Columbus ave., bet. 81st and 82d sts.	126 48
		<b>\$39,053 85</b>
<b>Paving and Repaving Contracts.</b>		
Paving	62d st., from 2d to Madison ave.	\$20,516 78
"	West Broadway, bet. Vesey and Greenwich sts.	22,026 35
"	Pitt st., from Broome to Houston st.	17,256 03
"	Convent ave., from 145th to 146th st.	2,925 77
"	Pleasant ave., from 114th to 115th st.	5,005 80
"	Manhattan ave., from 106th to 110th st.	12,322 73
"	Jamel Terrace, from 160th to 162d st.	2,540 96
"	71st st., from Central Park West to West End ave.	8,602 00
"	165th st., from Amsterdam to Edgecombe ave.	4,313 95
"	166th st., from Amsterdam ave. to Kingsbridge rd.	5,672 24
"	Catharine st., from Cherry to South st.	5,306 28
"	97th st., from 4th to 5th ave.	5,496 66
"	46th st., from 6th to 8th ave.	16,539 03
"	44th st., from 6th to 11th ave.	42,765 52
"	120th st., from 7th to 8th ave.	8,432 44
"	98th st., from Lexington to 3d ave.	4,803 59
"	85th st., from Boulevard to Amsterdam ave.	4,310 87
"	100th st., from Madison to 4th ave.	3,822 50
"	101st st., from Lexington to Park ave.	4,047 00
"	91st st., from Avenue A to East river	2,082 56
"	Corlears st., from Grand to South st.	9,041 88
"	Roosevelt st., from Cherry to South st.	2,862 96
"	95th st., from 1st ave. to East river	2,551 87
"	47th st., from 8th to 11th ave.	24,099 86
"	24th st., from 5th to 10th ave.	40,916 34
"	25th st., from 8th to 11th ave.	16,535 77
"	112th st., from 7th to Lenox ave.	6,648 63
"	120th st., from Manhattan to Morningside ave.	3,240 95
"	29th st., from 13th to 11th ave.	7,542 36
"	15th st., from Union Square to Irving pl.	4,251 66
"	101st st., from 1st ave. to East river	5,334 89
"	East side of Boulevard, from 92d to 106th st.	47,591 66
"	28th st., from 34th feet ea t of 1st ave. to East river	1,340 32
"	84th st., from Central Park, West, to Columbus ave.	7,630 14
"	28th st., from 13th to 11th ave.	6,574 50
"	92d st., from Avenue A to 1st ave.	6,071 12
"	49th st., from Madison to 4th ave.	4,094 13
"	Marketfield st., from Broad to New st.; New st., from Marketfield to Beaver st., and Rector st., from West to Greenwich st.	4,862 97
"	85th st., from Park to Madison ave.	3,800 67
"	77th and 78th sts., from Avenue A to 3d ave.	35,821 07
"	Park st., from Mott to Centre st.; Baxter st., from Park Row to Grand st.; Mott st., from Park Row to Hester st.; Mulberry st., from Park Row to Broome st.; Hester st., from Bowery to Centre st.; Bayard st., from Baxter to Division st., and Franklin st., from Baxter to Centre st.	95,316 80
"	115th st., from Avenue A to Lexington ave.	22,396 54
"	107th st., from Columbus to Amsterdam ave.	7,773 72
"	52d st., from 4th to 5th ave., and 5th st., from 6th to 7th ave.	13,475 00
Crosswalk	Across 153d st., west side of Boulevard	63 53
"	Across 6th ave., north side of 41th st.	122 65
"	Across 7th ave., north and south sides of 111th st.; St. Nicholas ave., north side of 111th st. and Lenox ave., north side of 111th st.	590 00
		<b>\$581,550 85</b>
<b>Fencing Contracts.</b>		
Fencing vacant lots	North side of 94th st., and south side of 95th st. east of Boulevard	\$11 93
"	North side of 118th st., west of Park ave.	40 00
"	North side of 102d st., bet. Columbus and Amsterdam ayes	63 25
"	South side of 84th st., bet. Boulevard and Amsterdam ave.	42 30
		<b>\$157 48</b>
<b>Miscellaneous Contracts.</b>		
Furnishing broken stone and screenings		\$4,677 99
Repairing the Free Floating Baths, including carpenter and tinsmith work, etc.		7,343 00
Furnishing 300 cords pine wood		2,400 00

Furnishing cast-iron water pipes, branch pipes and special castings	\$11,586 85
Furnishing tunnel, tower, pier, etc., at New High Service Works	27,763 20
Furnishing 6,000 lineal feet bridge stone	3,340 03
Furnishing 2,500 cubic yards gravel and 2,500 cubic yards gravel screenings	17,644 00
<b>\$74,755 07</b>	

## RECAPITULATION.

9 Sewer and receiving-basin contracts	\$26,491 90
13 Regulating, grading, curbing and flagging contracts	27,031 40
47 Paving and repaving contracts	843,209 25
4 Fencing contracts	157 48
7 Miscellaneous contracts	74,755 07
80 Contracts.	Total \$722,009 15

**DOCUMENT "C."—REPORT OF CHIEF ENGINEER OF CROTON AQUEDUCT.**  
BUREAU OF CHIEF ENGINEER OF CROTON AQUEDUCT, NEW YORK, October 3, 1896.  
Gen. CHARLES H. T. COLLIS, Commissioner of Public Works:  
DEAR SIR—Under your instructions herewith please find a report of the work of this Bureau for the quarter ending September 30, 1896.

## SUMMARY OF EXPENDITURES FOR THE QUARTER ENDING SEPTEMBER 30, 1896.

Additional Water Fund	\$802 60	Snyten Duyvil Creek Bridge	\$748 98
Aqueduct—Repairs, Maintenance and Strengthening	67,409 87	Fire Hydrant Stock	19,990 20
Aqueduct—Repairs, Maintenance and Strengthening—Salaries	6,979 01	Laying Croton Pipes	121,725 73
Bronx River Works—Maintenance and Repairs	4,238 77	Laying Croton Pipes—Salaries	4,214 23
Bronx River Works—Maintenance and Repairs—Salaries	300 00	Repairing and Renewal of Pipes, etc.	52,989 47
Croton Water Fund	68,653 51	Salaries—Engineers, etc.	624 99
Bridge over Harlem River at 3d ave.	74,593 46	Water-main Fund	61,499 26
		Water Supply, Twenty-fourth Ward	1,874 54
		Total	\$493,614 56

## STORAGE RESERVOIRS.

The rainfall in the Croton Water Shed has been equal to the average of a number of years. Water ran over Croton dam five days in July.

## Storage Drawn during the Quarter.

Middle Branch Reservoir, 1,120,000,000 gallons; East Branch Reservoir, 4,470,000,000 gallons; West Branch Reservoir, 2,430,000,000 gallons; Titicus Reservoir, 1,600,000,000 gallons; Kirk Lake, 300,000,000 gallons—Total gallons drawn, 9,920,000,000; amount of stored water on hand, 22,000,000,000 gallons.

## Rainfall.

LOCATIONS.	JULY.	AUGUST.	SEPT.	TOTAL FOR QUARTER.
	Inches.	Inches.	Inches.	Inches.
Boyd's Corner Reservoir	3.18	4.56	6.50	14.24
Middle Branch Reservoir	4.21	3.65	5.11	12.97
Kensico Reservoir	4.44	2.40	5.07	11.91
Croton Dam	6.50	2.89	4.89	14.28
Central Park Reservoir	6.20	1.86	4.71	12.77

The water at Reservoir "A" has been stopped running through the dam. Stopplank, screws, stopcocks, and pipe have been laid to control the same; the reservoir is now filling slowly. The work on the dam is progressing favorably.

## BRONX AND BYRAM RIVER SUPPLY.

The regular force has been employed clearing up, repairing fences, etc., along the conduit, roads, and reservoirs, and removing buildings along Bear Gutter creek.

An average uninterrupted daily supply of 15,000,000 gallons has been furnished through the conduit. The dam and reservoir at the Byram river has been completed, the channel way along the Bear Gutter creek and along Rye Ponds outlet, will be completed in November, when water can be diverted from the Byram river to Kensico Reservoir when necessary.

The building of a reservoir at Byram Pond, etc., will be advertised for bids in October.

## Storage Drawn during the Quarter.

Kensico Reservoir, 440,000,000 gallons; Rye Ponds Reservoir, 650,000,000 gallons—Total gallons drawn, 1,090,000,000 gallons.

## AQUEDUCT REPAIRS AND MAINTENANCE.

## Work Done During the Quarter.

DIVISIONS.	Earth Excavated. Cu. Yds.	Stone Masonry. Cu. Yds.	Dry Stone Masonry. Cu. Yds.	Filling and Grading. Cu. Yds.	Flagging. Sq. Yds.	Fences Built. Lin. Ft.	Fences Repaired. Lin. Ft.	Fences Painted. Lin. Ft.	Sewer Laid. Lin. Ft.	Cutting and Dressing Stone. Cu. Yds.	Paving. Sq. Ft.	Board Walk Laid. Lin. Ft.	Spreading Screenings. Cu. Yds.	Brick Masonry. Sq. Yds.	Cement Grouting. Sq. Yds.
First	...	...	...	...	...	150	...	...	...	...	...	...	...	...	32,500
Second	250	9	135	...	...	3,250	...	...	...	...	140	...	...	362	...
Third	384	...	...	...	...	...	...	...	300	...	...	...	...	896	...
Fourth	184	33	3	148	...	640	435	344	...	...	...	...	...	...	...
Fifth	415	...	105	140	840	20	386	...	500	105	300	...	...	...	...
Sixth	40	...	...	...	...	175	100	...	...	...	1,700	...	...	...	...
Seventh	...	...	...	...	...	...	...	...	...	...	...	...	400	...	...
Eighth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	1,273	42	103	413	840	4,265	1,271	344	800	105	440	1,700	400	1,258	32,500

The repairs and maintenance of the Old Croton Aqueduct has been continued as usual during the past quarter. The work has consisted of care of aqueduct, gate-houses, lakes, dams and machinery. The more particular work on each division has been as follows:

First Division—The work on this division has been repairing apron of Croton Dam, cleaning screens, cleaning shore of lake and repairing roads, making the necessary repairs on house and repairing fences and cutting grass.

Second Division—The work on this division has been building fences, excavating about one foot of the top through yard and putting in a stone roadway, grading and seeding adjoining banks; repairs to the culvert on Hyatts bank, laying new brick walk on Snowden avenue. Beginning to grade Van Wyck avenue, where it crosses the aqueduct property, laying gutter along the west side of promenade, cutting grass and cleaning the entire line of aqueduct property.

Third Division—The work on this division has been cutting and clearing of grass, woods, etc.; two traps built of brick on Lumbard bank, tearing down and rebuilding of all culverts on Long Bank; cleaning out and repointing of all culverts on Kingsland and Arch banks; cleaning up of dirt, sand, etc., and repointing new aqueduct grounds at Shafts 8, 9, 10 and 11A, No. 1B; cutting and clearing of grass and coping on wall in yard; repointing old gate-house; also the wasteway roof of head houses at Shaft 8 and 11A of New Aqueduct, also roof of gate-house on Old Aqueduct received a coat of asphalt paint; a covered stone ditch 30 feet long crossing Broadway near the arch was opened and covered again; the stone gutter near Broadway arch was repointed and grouted; a cesspool was built on High bank, also a ditch 300 feet long was dug from cesspool to house.

Fourth Division—The work on this division has been the excavating of earth for foundation of barn, also for culvert and ditch and retaining-wall built on the Nelson property at Dobbs Ferry; cement and stone masonry foundation for new barn; the grading and filling around head house of Shaft No. 16, New Aqueduct; east side of aqueduct yard and on Hasbrouck property, fences have been built, repaired and painted; head house roof at Shaft No. 12 has been grouted, cemented and painted; new barn built in aqueduct yard; repairs made to outhouses, painting of house and outbuilding, cutting grass and cleaning up line of property.

Fifth Division—The work on this division has been excavating and hauling earth from Raynor's bank, removing rubbish from back of Garden street, filling and grading, cleaning gutters and culverts, digging ditch for sewer 500 feet long, cutting and dressing stone and building a retaining-wall on Reynold's bank; also building and repairing fences, paving gutters, painting in and around Keepers' house, cutting grass and cleaning up line of aqueduct property.

Sixth Division—The work on this division has been repairs to barn and painting of same, painting in and around Keepers' house, building and repairing fences, changing telephone line from aqueduct to Jerome avenue to escape the derricks and work in progress on New Jerome Park Reservoir; removing earth from washouts, cleaning gutters and culverts after each heavy rain; relaying 1,700 feet of board sidewalk, painting iron and woodwork of gate-houses and blow-off, repairing roadway and street crossings, cutting grass and cleaning the entire line of aqueduct property twice.

Seventh Division—The work on this division has been of a general character, the walks, drains and gutters have been repaired; fences have been repaired, walks and roadway around reservoir kept in good order and grass cut; also, cleaning up of line, cleaning reservoir daily of scums, leaves, etc.; cleaning screws in all the gate-houses and tower, hoisting coal and cleaning and clearing up at new high service pumping station; also, the roads have been graded and limestone screenings spread on same from Amsterdam avenue to the engine-house and in front of same. The Painter has been busy painting the tower pipes and the walls of tower; the large iron pipes and boilers in fire room, the new closets and storeroom, ceilings, walls and brick columns in cellar have been whitewashed.

The Carpenter has built a storeroom and closets in Engineers' room.



**Eighth Division**—The work on this division has been cleaning and repairs to Central Park and Forty-second street reservoirs, gate-houses, chambers and outside mains; cleaning and repairs and maintenance of high service works on Ninth and Tenth avenues gate-houses and grounds; cutting grass around reservoirs; painting ironwork in Ninety-second, One Hundred and Thirteenth and One Hundred and Nineteenth street gate-houses, and pipes, pumps and tank at high service works.

The Bricklayer has repaired aqueduct at Ninety-second street and Eighth avenue, and Carpenter has made repairs to windows, fences and screens, and the Central Park reservoirs and pipe lines have been patrolled.

The contractor for building vault, etc., in front of engine-house at High Bridge has been very slow in carrying on his work.

#### LAYING CROTON PIPES.

Contract for laying water-mains in the following avenue has been completed:

Gerard avenue, from One Hundred and Sixty-first street to a point 400 feet north.

Pipe Laid—36-inch, 5,978 lineal feet; 20-inch, 5,477 lineal feet; 12-inch, 8,942 lineal feet; 6-inch, 23,230 lineal feet—total, 43,627 lineal feet.

Stop-cocks Set—20-inch, 4; 12-inch, 22; 6-inch, 76—total, 102.

Hydrants Placed—"A," 96; "AA," 25—total, 121.

#### REPAIRING AND RENEWAL OF PIPES, ETC.

Six gangs of men have been employed making necessary repairs to hydrants, stop-cocks and mains.

#### WORK DONE DURING THE QUARTER.

246 new hydrants set; 2,464 old hydrants repaired, of which 294 only required to be properly closed; 17 new stop-cocks set; 470 old stop-cocks repaired; 248 service pipes leaking, shut off and plugged; 255 leaks in water-mains repaired.

The contract for furnishing cast-iron water pipes, branches and special castings has been completed.

#### TAPS.

Number of taps put in during the quarter, 752.

#### NEW AQUEDUCT.

From 150 to 169 million gallons per day have steadily been passed through the New Aqueduct.

#### Sanitary Protection of the Croton Water Sheds.

The Electrozone Plant at Brewsters, treating the sewage of Brewsters, has been continued. A gang of laborers at Brewsters, Carmel, Mount Kisco and Muscoot river above reservoir, etc., have been clearing grounds, tearing down houses, etc., on property taken each side of the rivers.

Seven commissions are still taking testimony as to the value of lands taken under the Sanitary Protection Law of 1893.

Surveys of lands, searches of title, etc., have been continued of lands adjacent to the several streams and rivers of the Croton, Bronx and Byram River Water Sheds, in Westchester and Putnam Counties.

#### NEW HIGH-SERVICE WORKS.

Contract for tunnel, etc., under driveway has been completed.

Contract for cast-iron plates around engines has been completed.

The contractor for coal conveyor, etc., has all of the material on the ground and is erecting same.

A contract has been entered into for improvement of grounds, asphaltting cellar of engine-room and around buildings, sodding, etc., and the work commenced.

The contractor for pumping engines, etc., has completed their erection, made the necessary 24-hour tests, and all of the engines have run, more or less, on the 50-day test.

Reservoir Engine No. 1—September 1, one boiler in use:

Total number of revolutions.....	45,513
Displacement of water per revolution.....	1,980 pounds.

Displacement during trial.....	90,115,740 pounds.
Average pressure at gauge.....	105.82 feet.
Average tank pressure.....	6.22 "

Effective pressure.....	99.60
	×90,115,740

	8,975,527,704 pounds during trial.
	8,700 pounds.

Total amount of coal fired.....	1,031,669 duty per pound coal.
	0.95 per cent.

	980,086 net duty per pound coal.
	Unburnt coal and ashes 1,384½ pounds, 15.91 per cent. Combustible, 7,315.5 pounds. Duty per pound combustible without 5 per cent. deduction, 1,226,919. Displacement during trial, in gallons, with 5 per cent. deduction, 10,277,305. Feed water, 160 degrees to 170 degrees. Average revolutions per minute, 31.60. Coal per square foot grate per hour, 13.88. Average steam pressure, 156 pounds. Coal per pump horse-power per hour, without the 5 per cent. deduction, 1,919 pounds.

Reservoir Engine No. 2—September 3, one boiler in use:

Total number of revolutions.....	46,110
Displacement of water per revolution.....	1,980 pounds.

Displacement during trial.....	91,297,800 pounds.
Average pressure at gauge.....	105.34 feet.
Average tank pressure.....	5.8 "

Effective pressure.....	99.54 feet.
	×91,297,800

	9,087,783,012 foot pounds during trial.
	8,340 pounds.

Total amount of coal fired.....	1,089,662 duty per pound coal.
	0.95 per cent.

	1,035,179 net duty per pound coal.
	Unburnt coal and ashes, 809.5 pounds, 9.7 per cent. Combustible, 7,530.5 pounds. Duty per pound combustible without 5 per cent. deduction, 1,206,800. Displacement during trial, in gallons with 5 per cent. deduction, 10,412,114. Feed water about 170 degrees. Average revolutions per minute, 32. Coal per square foot grate per hour, 13.08 pounds. Average steam pressure, 158 pounds. Coal per pump horse power per hour, without the 5 per cent. deduction, 1,817 pounds.

Tower Engine No. 3—September 10, one boiler in use:

Total number of revolutions.....	40,399
Displacement of water per revolution.....	891 pounds.

Displacement during trial.....	35,995,509 pounds.
Average pressure at gauge.....	228.69 feet.
Average tank pressure.....	6.79 "

Effective pressure.....	221.9 feet.
	×35,995,509

	7,987,493,447 foot pounds during trial.
	6,753 pounds.

Total amount of coal fired.....	1,182,793 duty per pound coal.
	0.95 per cent.

	1,123,653 net duty per pound coal.
	Unburnt coal and ashes, 537.5 pounds—7.96 per cent. Combustible, 6,215.5 pounds. Duty per pound combustible without 5 per cent. deduction, 2,285,078. Displacement during trial in gallons with 5 per cent. deduction, 4,105,130. Feed water, 180 degrees. Average revolutions per minute, 28.05. Coal per square foot grate per hour, 10.72 pounds. Average steam pressure, 158 pounds. Coal per pump horse power per hour without the 5 per cent. deduction—1,674 pounds.

Tower Pump No. 4—September 8, one boiler in use:

Total number of revolutions.....	40,416
Displacement of water per revolution.....	891 pounds.

Displacement during trial.....	36,010,656 pounds.
--------------------------------	--------------------

Average pressure at gauge.....	231 feet.
Average tank pressure.....	7 "

Effective pressure.....	224 feet.
	×36,010,656

	8,066,386,944 foot pounds during trial.
	6,600 pounds.

Total amount of coal fired.....	1,222,180 duty per pound coal.
	0.95 per cent.

	1,161,071 net duty per pound coal.
	Unburnt coal and ashes, 721 pounds—10.92 per cent. Combustible, 5,879 pounds. Duty per pound combustible without 5 per cent. deduction, 1,372,068. Displacement during trial in gallons with 5 per cent. deduction, 4,106,857.60. Feed water, 180 degrees. Average revolutions per minute, 28.06. Coal per square foot grate per hour, 10.48 pounds. Average steam pressure, 158 pounds. Coal per pump horse power per hour without the 5 per cent. deduction—1.62 pounds.

Both Reservoir Engines running at slow speed—Sept. 5, two boilers in use:

Total number of revolutions No. 1.....	29,509
" " 2.....	29,054

	58,563
Displacement of water per revolution.....	1,980 pounds.

Displacement during trial.....	115,954,740 "
Average pressure at gauge.....	106.26 feet.
Average tank pressure.....	5.26 "
Effective pressure.....	101 "
	×115,954,740

	11,711,428,740 foot pounds during trial.
	9,852 pounds.

Total amount of coal fired.....	1,188,736 duty per pound coal.
	0.95 per cent.

	1,129,299.2 net duty per pound coal.
	Unburnt coal and ashes, 985.5 pounds—10 per cent. Combustible, 8,866.5 pounds. Duty per pound combustible without 5 per cent. deduction, 1,320,862. Displacement during trial in gallons with 5 per cent. deduction, 13,224,130. Feed water, 170 to 180 degrees. Average revolutions per minute, No. 1, 20.5; No. 2, 20.18. Coal per square foot grate per hour, 7.82 pounds. Average steam pressure, 159 pounds. Coal per pump horse power per hour, without 5 per cent. deduction, 1,6656 pounds.

Both tower engines running at slow speed—September 12, two boilers in use:

Total number of revolution, No. 3.....	28,747
" " 4.....	29,148

Displacement of water per revolution.....	891 pounds.
---	-------------

Displacement during trial.....	51,584,445 "
Average pressure at gauge.....	230.9 feet.
Average tank pressure.....	6.45 "

Effective pressure.....	224.45 "
	×51,584,445

	11,578,128,680 foot pounds during trial.
	9,600 pounds.

Total amount of coal fired.....	1,206,055 duty per pound coal.
	0.95 per cent.

	1,145,752 net duty per pound coal.
	Unburnt coal and ashes, 1,068 pounds—11.12 per cent. Combustible, 8,532 pounds. Duty per pound combustible without 5 per cent. deduction, 1,357,036. Displacement during trial in gallons with 5 per cent. deduction (both engines), 5,882,979. Average revolutions per minute, No. 3, 19.96; No. 4, 20.24. Average steam pressure, 159 pounds. Feed water, 180 degrees. Coal per square foot grate per hour, 7.62 pounds. Coal per pump horse power per hour, without the 5 per cent. deduction, 1,641 pounds.

#### NEW FIRE HYDRANTS.

The contract for furnishing 300 hydrants has been completed.

Two gangs of men have been employed placing same in the several places in the city designated by the Fire Department.

Number of hydrants placed during the quarter—126.

#### BRIDGE OVER HARLEM RIVER AT THIRD AVENUE.

The draw has been completed except paving and machinery.

The span from draw to South Third avenue is being erected. The southwest approach and Third avenue arcade are being erected.

The sewer on Third avenue, between Southern Boulevard and One Hundred and Thirty-seventh street, is being built, and excavations are being made for the north abutment. All of the houses on North Third avenue have been removed.

#### BRIDGE OVER HARLEM RIVER AT WILLIS AND FIRST AVENUES.

The Commission appointed to appraise the values of lands necessary for the approaches of this bridge are still taking testimony.

#### LAYING LARGE WATER-MAINS.

A contract has been entered into for laying two 48-inch mains in Fifth avenue, from Eighty-first to Twentieth street, and for one 48-inch main and one 36-inch main from Twentieth to Fourth street, and work commenced at Forty-third street, under chapter 669, Laws of 1896.

Next month, plans, estimates and specifications will be submitted to the Board of Estimate and Apportionment for the laying of large mains in other portions of the city where immediately necessary, and for a further appropriation under this law.

In order to provide for the future the following large mains, etc., are necessary: A 48-inch main from the Old Reservoir in Central Park to Eighth avenue and Eighty-first street, through Eighth avenue to Hudson street; 36-inch main through Hudson street, from West Twelfth to Spring street, and a 20-inch main through Hudson street, from Spring to Chambers street. Estimated cost, \$330,000.

#### For the Supply of the Northern Part of New York, Manhattan Island.

A 48-inch main from Jerome Park Reservoir to Fordham road; a 36-inch main from Fordham road to Harlem river, across Harlem river to Two Hundred and Ninth street, and in Two Hundred and Ninth street, from Harlem river to Ninth avenue. Estimated cost, \$150,000.

#### For the Supply of the Lower Portions of the Twenty-third and Twenty-fourth Wards.

A 48-inch main from Jerome Park Reservoir through Two Hundred and Fourth street, Moshulu parkway and Webster avenue to One Hundred and Sixty-fifth street; a 36-inch main from One Hundred and Sixty-fifth street through Brook avenue to Southern Boulevard; a 36-inch main from One Hundred and Sixty-fifth street through Railroad and Morris avenues to One Hundred and Thirty-eighth street; a 20-inch main from Webster avenue through Pelham avenue, and Pelham parkway to Pelham Park; a 20-inch main from Webster avenue through Tremont avenue, etc., to Westchester Creek. Estimated cost, \$510,000.

#### For the Supply of the High Portions of the Twenty-third and Twenty-fourth Wards.

A pumping station at Jerome Park Reservoir for four ten million gallon engines, pumps, etc.; a 36-inch main from pumping station through Jerome to Moshulu avenue, and Mount Vernon to Grand avenue; a 20-inch main from Jerome through Moshulu to Riverdale avenue, and from Mount Vernon avenue through Grand avenue across Bronx river to White Plains road, Williams-bridge. Estimated cost, \$540,000.

I recommend that the Legislature be called upon to enact a law permitting this Department to expend for laying large mains and building pumping machinery and structures a further sum of \$1,000,000.

The large amount of new territory in the upper portion of Manhattan Island and in the Twenty-third and Twenty-fourth Wards now being built upon, demands the attention of this Department for a future supply of water, and these mains, etc., should be laid so as to be immediately available on the completion of the Jerome Park Reservoir.

#### BURNSIDE AVENUE ARCADE.

Under chapter 719, Laws of 1896, plans, specifications and contracts have been prepared for building an arcade under the Old Croton Aqueduct, at Burnside avenue, Twenty-fourth Ward; the work will be advertised in a few days.

#### BRIDGE OVER SPUYTEN DUYVIL CREEK ON LINE OF BROADWAY.

The necessary surveys and soundings have been made for this work; plans, estimates and specifications are now being prepared and will be submitted to the Board of Estimate and Apportionment in November for their approval, and for an appropriation to erect same under chapter 399, Laws of 1896.



## WASTE AND USE OF WATER.

Amount of water supplied to the city per day:

July—Through Old Aqueduct, 60,000,000 gallons; through New Aqueduct, 146,000,000 gallons; through Bronx river conduit, 15,000,000 gallons—average total used per day, 221,000,000 gallons.

August—Through Old Aqueduct, 60,000,000 gallons; through New Aqueduct, 165,000,000 gallons; through Bronx river conduit, 16,000,000 gallons—average total used per day, 241,000,000 gallons.

September—Through Old Aqueduct, 58,000,000 gallons; through New Aqueduct, 160,000,000 gallons; through Bronx river conduit, 15,000,000 gallons—average total used per day, 233,000,000 gallons.

The extreme warm weather in August caused the extra use of water, and it has been found by experience that when waste commences it stops very slowly.

Respectfully yours, G. W. BIRDSALL, Chief Engineer of Croton Aqueduct.

## DOCUMENT "D."—REPORT OF WATER PURVEYOR.

OFFICE OF CONSULTING ENGINEER—BUREAU OF WATER PURVEYOR, NEW YORK, October 7, 1896. Gen. CHAS. H. T. COLLIS, Commissioner of Public Works:

DEAR SIR—In accordance with your instructions, I have the honor to herewith submit my report of the transactions of this office for the quarter ending September 30, 1896.

Respectfully, STEVENSON TOWLE, Consulting Engineer.

## Statement of Work Done During Quarter Ending September 30, 1896.

Earth excavated	33,839 cu. yds.	Flagging laid	60,377 sq. ft.
Rock excavated	25,837 "	relaid	11,903 "
Filling furnished	27,072 "	Fence built	742 lin. ft.
Curb-stones set	11,166 lin. ft.	Culvert built	115 "
reset	137 "		

## Amount of Vouchers Drawn.

On account of Street Improvement Fund	\$69,782 96
Street Improvements—For Surveying, Monumenting and Numbering of Streets	342 00
Street Improvements—For Surveying, Monumenting and Numbering of Streets, 1895	220 00
Flagging Sidewalks and Fencing Vacant Lots, etc.	99 83
Repairs and Renewals of Pavements and Regrading	25 00
Contingencies of Department of Public Works	10 60
	\$70,480 39

## Statement Showing Works under Contract in Bureau of Water Purveyor on the 30th day of September, 1896.

LOCATION OF WORK.	CONTRACTOR.	SURVEYOR.	INSPECTOR.	CONTRACT TIME.	ESTIMATED COST.	AMOUNT EARNED.	AMOUNT RETAINED.	AMOUNT PAID.	REMARKS.
<i>Regulating, Grading, Curbing and Flagging.</i>									
Academy st., from Seaman ave. to Harlem river	Charles W. Collins	R. L. Waters	Fred. G. Fay	100 days	\$18,390 50	\$13,978 50	\$4,412 55	\$9,784 95	
Cooper st., from Academy to Isham st.	"	L. F. Olney	John Lawrence	100 "	16,190 65	10,070 00	3,021 00	7,049 00	
Emerson st., from Seaman to Amsterdam ave.	Wm. E. Dean, Jr.	"	B. F. Hannan	275 "	23,847 79	5,094 00	1,598 20	3,595 80	
9th ave., from 201st st. to Kingsbridge rd.	C. C. Dean	F. E. Towle	R. H. Treacy	280 "	56,668 50	38,400 00	11,500 00	20,880 00	
St. Nicholas terrace, from 127th to 130th st.	Riley & Mahoney	R. L. Waters	Sylvester Bennett	300 "	17,800 10	15,330 00	4,650 00	10,871 00	Completed, but not accepted.
12th st., from Riverside ave. to Boulevard	James C. Leeson	Richard A. Craig	Robt. V. Davis	100 "	9,172 86	8,249 92	2,474 98	5,774 94	
128th st., from Amsterdam ave. to Kingsbridge rd.	T. J. McLaughlin	Geo. A. Wheeler	Wm. L. Brannan	200 "	16,818 88				
180th st., from Amsterdam ave. to Kingsbridge rd.	Charles W. Collins	"	B. V. Frazer	100 "	12,416 02	1,520 00	456 00	1,064 00	
182d st., from Amsterdam ave. to Kingsbridge rd.	Duffy & Bishop	"	Thomas Harris	60 "	7,624 30	2,135 00	640 50	1,494 50	
189th st., from Amsterdam to Wadsworth ave.	James J. Levis	A. P. Hartmann	James A. Pierce	75 "	11,178 50	10,408 50	3,122 55	7,285 95	
Totals					\$190,108 10	\$105,385 92	\$31,615 78	\$73,770 14	

WATER PURVEYOR'S OFFICE, NEW YORK, 1896. Gen. C. H. T. COLLIS, Commissioner of Public Works:

SIR—The following report of the transactions of the Bureau of Water Purveyor for the quarter ending September 30, 1896, is respectfully submitted:

## RECEIPTS.

For construction of vaults	\$34,208 33
For work and materials	842 51

Total \$35,050 84

On the 4th of August you issued an order that on and after this date the price per square foot for vault permits would be \$2. Previous to this, during the quarter, permits for 28,506.76 square feet at 75 cents had been issued. After that in the cases where contracts had already been made for the vaults, permits for 12,502.82 square feet were issued at 75 cents, and permits for 1,874.83 square feet have been issued at \$2.

The foregoing amounts have been received and deposited with the City Chamberlain:

## EXPENDITURES.

Repairs and Renewal of Pavements and Regrading, 1896	\$85,709 96	Repaving (chapter 475, Laws of 1895), 1896	\$81,426 76
Repairs and Renewal of Pavements and Regrading—Salaries, 1896	4,673 53	Salary of Consulting Engineer on Pavements, Paving Work, etc.	1,249 98
Regrading—For Repairing Eighth avenue, from Thirtieth to Fifty-fifth street	4,800 00	Street Improvement Fund (chap. 449)	122,663 86
Repaving Streets and Avenues, 1896	136,870 40	Restoring and Repaving—Special Fund—Department of Public Works	36,151 72
Repaving Streets and Avenues—Salaries, 1896	3,160 59	One Hundred and Fifty-fifth Street Viaduct—Maintenance and Repairs	182 00
Repairing and Renewal of Pipes, Stop-cocks, etc.	142 63	Fire Hydrant Fund	2,013 54
Public Drinking Hydrants	855 72	Laying Croton Pipes	554 85
Repaving (chapter 346, Laws of 1889), 1889	120 00	Salaries—Department of Public Works	75 00
Repaving (chapter 475, Laws of 1895), 1895	113,357 99		
		Total	\$644,010 54

## PERMITS ISSUED.

73 for the construction of vaults, 73 for repairs to vaults, 44 for placing guy posts, 89 for placing boilers and engines on the streets for building purposes, 160 for building fires under tar kettles, 18 for repairs to pavement at the expense of applicant.

## REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

The force employed to repair street pavements averages as follows: In July, 155 mechanics, 182 laborers, 64 horses and carts, 3 teams; in August, 173 mechanics, 205 laborers, 74 horses and carts, 3 teams; in September, 176 mechanics, 206 laborers, 74 horses and carts, 3 teams.

The work accomplished by this force consisted in taking up and relaying 87,470 square yards of stone pavement.

In addition to this, orders have been issued by the Commissioner of Public Works for relaying 5,887.47 square yards of stone pavement; and under orders issued to the various asphalt companies 435.57 square yards of asphalt pavement were repaired.

In the work of paving Convent avenue, from One Hundred and Forty-fifth to One Hundred and Forty-sixth street, with asphalt pavement, it was deemed necessary for the purpose of connecting with the asphalt pavement north of One Hundred and Forty-sixth street, to repave the intersection of One Hundred and Forty-sixth street with asphalt; it was also found necessary to replace the stone crosswalks on One Hundred and Fifth street, from the Boulevard to West End avenue, and at Amsterdam avenue and Seventy-first street, also at Manhattan avenue and One Hundred and Sixth street, and at Eighty-fifth street and Boulevard, with asphalt for the purpose of forming a uniform pavement in those streets. This was done under orders issued by the Commissioner of Public Works, the areas so repaved being 392.5 square yards. The total area of repairs made to street pavements during the quarter being 94,174.34 square yards.

## PUBLIC DRINKING HYDRANTS.

Sixty-eight drinking-hydrants were repaired during the quarter on orders.

## NEW PAVEMENTS.

Contracts for the construction of new pavements were completed in the following-named streets:

## REPAVING (UNDER CHAPTER 475, LAWS OF 1895).

## With Asphalt.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Barrow st.	Washington pl. to West 4th st.	5,000.0	1,866.2
Washington pl.	Grove to Macdougall st.	4,601.5	1,648.1
Madison ave.	70th to 86th st.	6,346.1	1,827.8
Park st.	Mott to Centre st.	2,482.6	1,128.0
Baxter st.	Park Row to Grand st.	6,237.9	2,229.7
Molberry st.	Park Row to Hester st.	4,356.1	1,582.0
Mulberry st.	Park Row to Broome st.	5,547.3	2,257.1
Hester st.	Bowery to Centre st.	2,874.7	1,077.2
Franklin st.	Baxter to Centre st.	683.6	258.2
129th st.	7th to 8th ave.	2,695.0	820.8

## Appropriations.

Street Improvements—For Surveying, Monumenting, etc.	\$4,000 00	Amount of vouchers drawn during first quarter	
Amount of vouchers drawn during first quarter	\$339 00	Amount of vouchers drawn during second quarter	\$275 00
Amount of vouchers drawn during second quarter	470 35	Amount of vouchers drawn during third quarter	99 83
Amount of vouchers drawn during third quarter	342 00	Outstanding liabilities (estimated)	370 00
Outstanding liabilities (estimated)	616 00	Balance (estimated)	1,255 17
Balance (estimated)	2,232 65		\$2,000 00
	4,000 00	Contingencies—Amount of vouchers drawn during quarter	10 60
Flagging Sidewalks and Fencing Vacant Lots in front of City Property	2,000 00	Repairs and Renewal of Pavements and Regrading—Amount of vouchers drawn during quarter	25 00

## Work Completed During the Quarter.

Regulating, Grading, etc.—		Curbing, Flagging, etc.—	
54th st., from 10th ave. to Hudson river	\$8,204 78	West Broadway, from Vesey to Barclay st.	\$253 27
108th st., from Columbus to Manhattan ave.	3,983 97	East side of Columbus ave., from 81st to 82d st.	160 43
Isham st., from Kingsbridge road to 7th ave.	6,475 97	West side of Boulevard, from 96th to 103d st.	289 59
11th st., from Boulevard to Riverside Drive	5,696 82	158th, 159th and 160th sts., from Amsterdam to 11th ave.	1,081 26
186th st., from Amsterdam to Wadsworth ave.	15,814 39	East side of 7th ave., from 116th to 118th st.	251 52
Hawthorne st., from Seaman to Amsterdam ave.	41,330 99		\$3,885 41
	\$21,506 92	Fencing Vacant Lots—	
Curbing, Flagging, etc.—		North side of 94th st. and south side of 95th st., east of Boulevard	817 25
103d st., from Columbus ave. to Boulevard	\$237 28	North side of 118th st., west of Park ave.	53 60
In front of Nos. 306 and 308 East 63d st.	89 13	North side of 102d st., from Columbus to Amsterdam ave.	86 02
North side of 80th st., from Boulevard to West End ave.	120 74	South side of 8th st., from Amsterdam ave. to Boulevard	54 37
South side of 75th st., from 1st ave. to Avenue A	613 27		211 24
28th st., from 1st ave. to East river	74 92	Total	\$85,603 57

## RECAPITULATION.

6 contracts for Regulating, Grading, etc.	\$81,506 92	4 contracts for Fencing Vacant Lots, etc.	\$211 24
10 contracts for Flagging, Curbing, etc.	3,885 41	20 contracts	Total
			\$85,603 57

Boulevard, east side	92d to 106th st.	13,828.1	3,749.9
15th st.	Union Sq. to Irving pl.	1,494.2	449.9
77th st.	Avenue A to 3d ave.	6,516.0	1,907.4
78th st.	"	6,524.3	1,905.6
115th st.	Avenue A to Lexington ave.	8,011.6	2,417.5
49th st.	Madison to 4th ave.	1,420.8	428.6
92d st.	Avenue A to 1st ave.	2,158.3	643.6
52d st.	4th to 5th ave.	2,972.4	888.7
54th st.	6th to 7th ave.	2,744.4	831.0
95th st.	Park to Madison ave.	1,466.2	425.4
Marketfield st.	Broad to New st.	592.7	353.9
New st.	Marketfield to Broad st.	891.2	396.4
Rector st.	West to Greenwich st.	1,764.1	525.0
106th st.	Intersections 8th, 9th and 10th aves.		
Total		94,347.6	29,596.9

Length in miles, 5.60.

## REPAVING STREETS AND AVENUES.

## With Asphalt.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
46th st.	6th to 8th ave.	5,277.9	1,591.0
44th st.	6th to 11th ave.	13,568.8	4,109.9
47th st.	8th to 11th ave.	8,230.4	2,496.3
24th st.	5th to 10th ave.	13,979.7	4,235.7
25th st.	8th to 10th ave.	5,480.0	1,659.2
84th st.	Central Park, West, to Columbus ave.	2,771.8	835.9
Total		49,326.6	14,928.0

Length in miles, 2.83.

## With Stone.

Houston st.	Lewis to Mangin st.	253.8	68.3
-------------	---------------------	-------	------

Length in miles, .01.

## REPAIRS AND RENEWAL OF PAVEMENTS AND REGRADING.

## Asphalt Strips—Four Feet Wide.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
Madison ave.	41st to 42d st.	273.2	271.0

Length in miles, .05.

## STREET IMPROVEMENT FUND.

## With Asphalt.

STREET.	FROM	SQUARE YARDS.	LINEAL FEET.
101st st.	Lexington to Park ave.	1,425.0	427.5
112th st.	Lenox to 7th ave.	2,450.5	747.75
120th st.	Manhattan to Morningside ave.	1,223.0	367.0
105th st.	Boulevard to Riverside Drive	2,268.79	675.13
84th st.	From 394 feet east of 1st ave., to bulkhead line of East river	517.5	152.25
24th st.	10th ave. to Hudson river	4,388.0	1,337.0
22d st.	10th to 11th ave.	2,747.0	824.15
22d st.	11th to 13th ave.	1,261.0	378.3
21st st.	10th to 13th ave.	3,809.4	1,144.5
25th st.	10th to 13th ave.	4,344.3	1,304.5
Total		24,471.49	7,561.08

Length in miles, 1.39.

98th st.	Lexington to 3d ave.	1,473.5	442.0
----------	----------------------	---------	-------

Length in miles, .08.

## With Stone.

Water st.	Whitehall to Rutgers st.	16,411.5	6,354.0
29th st.	11th to 13th ave.	2,028.0	973.5
91st st.	Avenue A to East river	768.0	230.55
147th st.	1st avenue to East river	864.0	271.25
147th st.	Boulevard to New York Central and Hudson River Railroad	7,825.5	560.0
13th ave.	North side of 16th to north side of 17th st.	2,021.0	252.0



26th st.	1st ave. to East river.	2,070.3	300.0
West st.	Chambers to Murray st.	140.0	112.0
107th st.	Columbus to Amsterdam ave.	2,721.41	816.0
Broome st.	Manhatten to East st.	3,300.31	400.0
Total		32,777.02	10,149.3

Length in miles, 1.92.

During this quarter contracts have been entered into for maintenance of streets covered with asphalt, on which the guarantee has expired. The list of these contracts, the name of the contractor, with the areas, the price paid per square yard for maintenance, and the date of expiration of contract is given below. Numbers one and two were let on the 24th of May, 1895, and the others have been let during this quarter. All these contracts are made for pavements which have been down five years or more.

STREET.	FROM	CONTRACTOR.	AREAS, SQUARE YARDS.	PRICE PER SQUARE YARD.	EXPIRATION OF MAINTENANCE.
No. 1—				Cents.	
8th ave.	13th to 59th st. (except space in and between railroad tracks)	Barber Co.	27,359	.3511	Dec. 31, 1905
No. 2—					
8th ave.	South side 34th st. to the circle at 59th st. (except the space in and between the railroad tracks)	Barber Co.	31,702	.3028	" 31, "
No. 3—					
56th st.	Central Park, West, to Columbus ave.	Warren-Scharf Co.	24,063	12.	Aug. 25, 1906
103d st.	Columbus to Amsterdam ave.				
106th st.	Boulevard to Amsterdam ave.				
No. 4—					
82d st.	Boulevard to Riverside Drive	Warren-Scharf Co.	9,423	7.	" 25, "
85th st.	West End ave. to Riverside Drive				
87th st.	West End ave. to Boulevard				
No. 5—					
128th st.	8th to St. Nicholas ave.	Sicilian Co.	4,330	6.5	" 31, "
132d st.	"				
134th st.	"				
138th st.	8th to Edgecombe ave.				
No. 6—					
7th st.	3d to 4th ave.	Sicilian Co.	3,538	11.5	" 31, "
16th st.	Avenue C to East river				
No. 7—					
73d st.	West End ave. to Riverside Drive	Barber Co.	11,697	8.	" 24, "
West End ave.	Boulevard to West End ave.				
69th to 72d st.					
72d to 76th st.					
No. 8—					
117th st.	8th to St. Nicholas ave.	Barber Co.	8,843	6.	" 24, "
119th st.	7th to St. Nicholas ave.				
120th st.	7th to 8th ave.				
121st st.	Lenox to Mr. Morris ave.				
122d st.	"				
No. 9—					
Pleasant ave.	115th to 119th st.	Barber Co.	6,515	7.	" 24, "
No. 10—					
Liberty st.	Broadway to 116 feet east	Barber Co.	6,515	7.	Sept. 30, "
Nassau st.	to 125 feet east				
No. 11—					
Madison ave.	23d to 32d st.	Barber Co.	11,038	12.	" 30, "

The Total Area and Length of Various Pavements in this City is as follows:

KIND OF PAVEMENT.	SQUARE YARDS.	MILES.
Specification granite	3,671,685.20	166.16
Square granite	545,416.73	17.37
Specification trap	1,032,572.17	51.20
Belgian trap	1,343,738.10	46.99
Cobble	11,080.43	.37
Sheet asphalt	1,603,837.54	85.59
Block asphalt	9,476.15	.47
Karri wood	1,013.10	.08
Macadam	987,126.30	19.61
	9,206,015.72	390.84

On the first of August you directed that the city should be divided into five districts, bounded as follows, and an Inspector or Foreman should be put in charge of each district:

First District—From the Battery north to the north side of Fourth street, to the junction with and thence along the north side of Barrow street.

Second District—Bounded on the south by the north side of Fourth and Barrow streets, on the east by the west side of Fifth avenue, on the west by the Hudson river and on the north by the north side of Fifty-ninth street.

Third District—Bounded on the south by the north side of Fourth street, on the east by the East river, on the west by the west side of Fifth avenue and on the north by the north side of Fifty-ninth street.

Fourth District—From the north side of Fifty-ninth street to the Harlem river and from the west side of Fifth avenue to the Hudson river.

Fifth District—From the north side of Fifty-ninth street to the Harlem river and from the west side of Fifth avenue to the East river.

This arrangement has been a satisfactory one, as the districts can be more frequently visited by the men directly in charge of the work. The chiefs of these districts were taken from employees of the Department and the change has been made without any additional expense than a small charge for office furniture.

## FLUSHING STREETS.

During the unprecedentedly hot fortnight in August, you decided that it was advisable to flush the streets in those districts where the population is the densest, and, in conformity with your directions 438 blocks were copiously washed with water from the hydrants. About 50 per cent. of this work was done in the district between East Broadway and Houston street, east of the Bowery. The Five Points district was also washed, as were streets on and about the lower end of the lettered avenues, with some streets on the west side and upper east side. The washing of the streets was received with almost universal commendation from the older portion of the population and with extreme delight by the children.

## STREET OPENINGS.

As per report of Mr. Barney, which is hereto appended, in addition to the openings made to repair and lay water-mains under the Croton Aqueduct Department and to construct and repair sewers, over 6,000 openings have been made in the streets for the repair of gas-pipes and for sewer, water and gas connections. In addition to this about 35¼ miles of gas and steam pipes, subways and railroad tracks have been laid during the quarter.

Many of the citizens have complained of the resulting annoyance, but it has not been thought possible to curtail this disturbance of the street pavements in the past, nor will it be practicable in the future. As long as the City of New York continues to grow, it must submit to the inconvenience of having its thoroughfares torn up for such improvements as add to the comfort of its inhabitants and reduce the cost of doing business in the city. The most serious inconvenience from opening the streets has resulted on the old granite and trap pavements, which are laid on a sand foundation. Repairs can be more satisfactorily made in the case of granite pavements laid on concrete, but the least inconvenience arises where an asphalt pavement has been opened. There the repairs can be made more quickly, and there is less ultimate damage done to the surface of the street.

## SIDEWALKS.

As has been mentioned in the report of Mr. Towle, Consulting Engineer, the sidewalks in this city were in a very dilapidated condition when you took charge of the Department of Public Works. Unremitting and successful efforts have been and are being made to improve their condition. To this end, during the year some 5,700 notices to repair sidewalks have been served on property-owners, together with some 2,500 permits, which were issued to individuals to make their own repairs.

About ten per cent., however, of those who are notified refuse or neglect to make the necessary repairs, and there are also many repairs needed in front of vacant lots, where, in default of knowledge of ownership the notice cannot be served. In such cases we have two remedies: one, for the Corporation Attorney to bring suit, where a fine of from ten to twenty-five dollars can be imposed; the other is to get an ordinance passed by the Board of Aldermen authorizing you to have the work done, and the cost thereof assessed against the property benefited. These fines are so small, compared with the cost of doing the work, that some owners are willing to stand the fine rather than improve their sidewalks, as the Corporation Counsel has decided that a fine once imposed for a defective sidewalk cannot be reimposed. Procuring an ordinance is accompanied with much difficulty on account of the large amount of legislation presented to the Board of Aldermen.

I beg leave to suggest that either a general ordinance by the Board of Aldermen, or some legislation at Albany should be sought, by which the city can deal in a summary manner with those persons who are so shameless as to allow their sidewalks to remain in bad repair. Aside from the advantage to the general appearance of the city that would result, it is a matter of some pecuniary importance, as in any case of accident the city is made a party, with the owner, for damages.

## SURFACE RAILROADS.

Delay in repaving some of our thoroughfares has resulted from the failure of our railroad companies to relay their tracks, as was expected. Early last spring the President of the Metropolitan Street Railway Company assured you that he would immediately commence laying new rails in Sixth avenue and on the route of the Eighth Avenue Railroad. This has not yet been done, and I understand you have not, so far, been notified of any change of programme. It seems wasteful of the City's money to repave a street where nearly one-third of it will be torn up in a short time to relay tracks. The result has been that the pavement of the upper parts of Sixth and Eighth avenues has been left in very poor repair, although a considerable amount of money has been expended in patching those thoroughfares.

In the matter of joining the Department in paving between the tracks where new asphalt has been laid down, there has been a good deal of friction with, more particularly, roads controlled by the Metropolitan Traction Company. They have delayed the work very much by their refusal to pave between their tracks and between their rails, as they are obliged to do by chapter 565, section 98, Laws of 1890, as amended by chapter 676 of Laws of 1892. On First avenue, where you are laying an asphalt pavement from Twentieth to One Hundred and Ninth street, an effort has been made to induce the various companies interested to join the City in making a perfect pavement along that route. There has not only been a refusal to do this, but the contractors have been delayed by very dilatory proceedings in regulating and grading tracks, and it has been made impossible to complete the new pavement on that avenue this season in consequence.

The city now has bills against the various railroad companies to the amount of \$703,876.45, without interest, which have accumulated during the years 1889 to 1895, both inclusive. This sum, if the city could recover it, and it could be made available to the Department, would enable you to replace a large part of the defective pavements in the tenement house district with asphalt on a fifteen-year guarantee. But even if it was recovered, it would go into the general fund and would not be available again for laying pavements, so that, in effect, the citizens have been taxed for this large sum in the interest of parties holding an easement to the most valuable portions of the city, namely, the centres of our principal thoroughfares.

It seems strange that the large capital necessary to build and conduct a surface railroad in this city should be entrusted to men who think their interests are furthered by maintaining an unsightly, noisy and sanitariously dangerous pavement on thoroughfares from the sides of which they draw their traffic.

One of the most flagrant cases of this kind is on Eighth avenue, between Thirteenth and Fifty-ninth streets, where the centre of an asphalted street is occupied by possibly the poorest pavement found in any city—a pavement that has apparently been intentionally kept impassible to vehicular traffic. As a result, some fifteen feet of the centre of the street is virtually confiscated by the railroad company, for neither carting nor pleasure driving is practicable on this area. The loss to the transportation interests and to the inhabitants of this avenue from this cause must be very great, and it is apparently the intention of the railways occupying First avenue to maintain like conditions on that thoroughfare.

You are unable, in the opinion of the Corporation Counsel, to remedy this evil, as the laws now stand, and I wish to urge upon you the necessity for additional legislation which will at least prevent such outrages on the citizens of New York in the future, if it cannot prevent those already consummated.

## ASPHALT PAVEMENTS.

During the hot weather of this summer complaints were made that many of our newer pavements were soft, and that with heavy loads the wheels sunk into them, increasing the necessary tractive power. The charge was true, though, except in the case of new pavements laid within a few weeks, this sinking of the wheels was very slight. In any pavement made from a compound of bitumen, with sand, and a hardener such as powdered limestone or granite, it is advisable that the mixture should remain soft for the first season, as otherwise it is liable to scale and flake off under heavy traffic when there is a cold rain. This trouble must be endured unless rock asphalt pavements are specified, and there has been some prejudice against them on account of their being rather more slippery than the compound pavements.

The complaints against asphalt pavements are very general on the part of truckmen, but, although they say a granite pavement is better, they will not follow a granite pavement when an asphalt pavement is available. For example, the grades on Eighth avenue are much better than on the Boulevard and the route for most of the traffic is more direct, but there is no through hauling on Eighth avenue. Reade street has one of the best granite pavements to be found in any city, but all the hauling is on Chambers street, which is an asphalted street. Many more examples of this kind could be cited if it was necessary. The loads hauled in this city are very heavy. A great many two-horse trucks are hauling loads of five tons or over, besides the weight of the truck, and many three-horse trucks carry loads of over nine tons. None of these injure or deface a pavement that is more than one season old, and our heavy trucks, carrying spools of cable for the traction companies, have, in no instance that I can learn of, injured an asphalt pavement, although one load was decidedly over twenty tons to the wheel; that is, counting the weight of the spool and the truck; and other loads have been of between seventeen and twenty tons per wheel. These loads, however, are destructive to crosswalks and injurious to granite pavements.

## SECTIONS OF STREET RAILS.

In 1895 the Metropolitan Street Railway Company submitted a section of rail for use in our streets, which I think is, on the whole, the best section in use in any city; this is shown in Section No. 1; previous to this the best rails laid were of a pattern generally known as the Broadway rail; this rail is shown in Section No. 2; the rail laid on the Third Avenue road, Section No. 3, and the one on the Twenty-eighth and Twenty-ninth streets road, Section No. 4, are closely allied to the Broadway rail; the objection to these sections is that the lip of the groove is lower than the tread, so that there is an unnecessary unevenness in the road-bed; and the lip is also thought to be too light for our heavy traffic, so that it will wear faster than the tread; the other rails in use in the city are the side-bearing, as shown in Section No. 5; this section is also used as a strap rail, i. e., spiked on to a longitudinal stringer, also the centre bearing, or Hewitt, as shown in Section No. 6; this section is in use on the Amsterdam avenue extension of the Third Avenue Railroad as a girder rail, as shown in Section No. 7; this section according to the Hon. Abram S. Hewitt was rolled by him at the request of the city railroad companies for the purpose of keeping traffic off the line of the rails; or in other words to enable the surface railroad companies to prevent traffic on about one-third of the width of the public highways; the plan was a partial failure, as any driver that gets his wheels on these rails will not willingly leave them; the side-bearing rail is nearly as bad, requiring considerable tractive force to get a heavy load out of the line of rails, and rendering it extremely dangerous for a person in a light wagon to drive diagonally across them at any speed. Section No. 1 has the double advantage that it will not wear out very fast, and, if the pavement on each side is kept at a level with the top of the rail, there is nothing to prevent either turning out from the track or crossing it diagonally with any load or at any speed practicable in a city street.

The Third Avenue Railroad Company lately approached you with a pattern of rail, as shown in Section No. 8, which they have wished adopted for their Kingsbridge road extension; this section was so manifestly obstructive to travel, that they have withdrawn their application and applied for permission to use a slight modification of Section No. 1.

The New Jersey Central Railroad in applying to you for a permit to cross Eleventh and Thirteenth avenues with trains of freight cars, to be brought over the river on floats, to their proposed yard between Fifteenth and Sixteenth streets, have submitted through Mr. J. H. Thompson, their Consulting Engineer, a section as shown in No. 9; this is thought to be the best rail, in its relations to street traffic, anywhere used for a steam railroad, and it seems unobjectionable for the traffic for which it was designed.

Respectfully, EDWARD P. NORTH, Water Purveyor.

WATER PURVEYOR'S OFFICE, NEW YORK, October 7, 1896. EDWARD P. NORTH, Esq., Water Purveyor.

DEAR SIR—I beg to report the following summary of work done in the office of the General Inspector of Street Openings for the quarter ending September 30, 1896:

Openings to repair all mains, other than Croton water-mains, and make repairs and connections for gas, water, sewer and electric-light, 6,132.

Notices sent from this office to corporations and others to repair the pavement over their openings, 2,980.

Bad places in pavement repaired in compliance with the above notice, 2,495.

Number of openings in pavement examined by Inspectors as to the condition of pavement, 14,214.

Additional moneys collected through the report of Inspectors of Plumbers' Openings made in excess of permit, \$3,852.

Openings made under emergency permit—Consolidated Gas Company, 81; Edison Electric Illuminating Company, 39—Total, 120.

Total miles of gas-main laid, 27.32.

Total miles of subway and other electrical appliances laid, 6.42.

Total feet of fire-alarm subsidiary laid, 3,366.

Total feet of steam pipe laid, 991.

Total feet of double track laid by the Metropolitan Street Railway Company, 3,427.

Respectfully, CHARLES W. BARNEY, General Inspector.

## DOCUMENT "E"—REPORT OF ENGINEER IN CHARGE OF SEWERS.

OFFICE OF ENGINEER IN CHARGE OF SEWERS, NEW YORK, October 7, 1896. Hon. C. H. T. COLLIS, Commissioner of Public Works.

DEAR SIR—In compliance with your instructions I hand you herewith my report of the transactions of the office of the Engineer in Charge of Sewers for the quarter ending September 30, 1896.



3,314 linear feet of new sewers and 8 receiving-basins connected therewith have been built, making the present total length of the sewerage of the City 2,483,891 linear feet (470.40 miles) with 5,570 receiving-basins.

In the schedule accompanying this report you will find a detailed statement showing the status of the several contracts under charge of this office.

Four sewer contracts and 4 basin contracts have been completed, viz.: sewer in Pleasant avenue, between One Hundred and Fourteenth and One Hundred and Fifteenth streets; sewer in Convent avenue, between One Hundred and Thirty-fifth and One Hundred and Forty-first streets, with curves; sewers in One Hundred and Thirty-fifth, One Hundred and Thirty-sixth, One Hundred and Thirty-seventh, One Hundred and Thirty-eighth and One Hundred and Thirty-ninth streets, and branch in One Hundred and Fortieth street; sewer between Convent and Amsterdam avenues; sewer in Union Square, West, between Sixteenth and Seventeenth streets; sewer in Eleventh avenue, both sides, between One Hundred and Eighty-sixth and One Hundred and Eighty-seventh streets; receiving-basins on the northeast corner of Seventy-seventh street, and on the southeast corner of Eighty-second street and Eighty-third street and Riverside Drive; receiving-basin on the southwest corner of One Hundred and Fifty-eighth street and Boulevard Lafayette; receiving-basin and gully trap on the north side of One Hundred and Thirty-seventh street and Madison avenue; receiving-basin on the southeast corner of Thirtieth street and Second avenue.

There are now in progress 25 contracts for new sewers and 12 basin contracts.

1,678 receiving-basins and 110,749 linear feet of sewer have been cleaned.

Yours, respectfully, HORACE LOOMIS, Engineer in Charge of Sewers.

Report of the Transactions of the Office of the Engineer in Charge of Sewers for the Quarter ending September 30, 1896.

APPROPRIATIONS.	AMOUNT.	AMOUNT.
Credit to General Fund—Amount received for 201 permits for sewer connections.....		\$4,542 30
Engineer's Fees—Amount of Engineer's fees assessed on property benefited and charged to Street Improvement Fund.....		2,451 55
Sewers—Repairing and Cleaning—Balance on hand June 30, 1896.....		61,496 92
Vouchers transmitted to the Commissioner of Public Works—		
Pay-roll of Laborers, etc.....	\$12,935 50	
Cleaning.....	17,600 02	
Sundries.....	781 04	
Balance, September 30, 1896.....	30,291 36	
		61,496 92
Sewers—Repairing and Cleaning—Salaries—Balance on hand June 30, 1896.....		5,422 04
Vouchers transmitted to the Commissioner of Public Works—		
Pay-roll of Inspectors, etc.....	\$2,451 98	
Balance, September 30, 1896.....	2,970 06	
		5,422 04
Sewerage System—Salaries—Balance on hand June 30, 1896.....		4,800 00
Vouchers transmitted to the Commissioner of Public Works—		
Pay-roll of Engineer, etc.....	\$1,808 33	
Balance September 30, 1896.....	2,991 67	
		4,800 00
Boring Examinations for Grading, etc.—Balance on hand June 30, 1896.....		3,084 50
Vouchers transmitted to the Commissioner of Public Works—		
Pay-roll of Assistant Foreman, etc.....	\$999 00	
Balance, September 30, 1896.....	2,085 50	
		3,084 50
Restoring and Repaving—Special Fund—Amount received for permits for street openings.....		26,568 36
Street Improvement Fund—Vouchers transmitted to the Commissioner of Public Works—		
Pay-roll of Engineers, etc.....	\$4,962 89	
Inspectors, etc.....	7,508 50	
Contracts, etc.....	62,088 50	
		74,559 89

#### Work Done by Mechanics and Laborers.

1,678 receiving-basins and culverts cleaned, 68,271 linear feet of sewer cleaned, 21,134 linear feet of sewer relieved, 391,259 linear feet of sewer examined, 33 linear feet of pipe sewer laid, 21 linear feet of spur pipe laid, 15 linear feet of brick culvert rebuilt, 10 linear feet of curb reset, 35 receiving-basins repaired, 107 manhole-heads reset, 42 basin heads reset, 42 new manhole-heads and covers put on, 72 new manhole covers put on, 26 new basin covers put on, 11 new basin-hoods put in, 56 new basin grates put in, 2,775 cubic feet of brickwork built, 108 square feet of flagging relaid, 262 square yards of pavement relaid, 4,067 cubic feet of earth excavated and refilled, 38 cartloads of earth filling, 136 cartloads of dirt removed.

Statement Showing the Amount of Work Done on Uncompleted Contracts for the Quarter ending September 30, 1896.

DATE.	NATURE AND LOCATION OF WORK.	ESTI-MATED COST.	ESTI-MATED AMOUNT OF WORK DONE.	ALLOWED.	CON-SUMED.	REMAIN-ING.	REMARKS.
1896.							
Feb. 10	Alteration and improvement to sewer in 22d st., bet. 2d and 3d aves.....	\$5,080 50	\$3,500 00	70	80	..	
Apr. 25	Alteration and improvement to sewer in 81st st., bet. Columbus ave. and Central Park, West.....	7,461 00	6,618 00	120	109	11	
June 11	Alteration and improvement to sewer in Gold st., bet. John and Fulton sts.....	1,870 00	1,800 00	40	40	..	Completed; not accepted.
May 7	Sewer in 24th st., bet. 11th and 12th aves., connecting with sewer built by the Department of Docks; in 12th ave., east side, bet. 54th and 55th sts., and curves in 11th and 12th aves., at 54th st.....	14,255 00	6,280 00	200	96	104	
June 27	Alteration and improvement to sewer in 96th st., bet. Amsterdam ave. and Central Park, West.....	9,840 50	2,208 50	130	62	68	
July 10	Sewer in Water st., bet. Wall st. and Gouverneur lane.....	1,732 00	1,631 00	35	32	3	
" 25	Sewer in 4th ave., bet. 31st and 32d sts.....	1,452 00	1,302 00	40	26	14	
Aug. 10	Alteration and improvement to sewer in Morris st., bet. Greenwich st. and Broadway, and new sewer in Broadway, west side, bet. Exchange pl. and Morris st.....	3,668 00	2,373 00	60	32	28	
1895.							
Dec. 19	Sewer in Boulevard Lafayette, bet. 158th st. and summit north.....	18,735 00	7,430 00	400	189	211	
" 19	Sewer in Nagle and 11th aves., bet. Academy and 190th sts., with curves for connecting sewers.....	36,505 00	15,965 00	500	184	316	
" 16	Sewer in 179th st., bet. Amsterdam ave. and Kingsbridge rd., with curves in Audubon and 11th aves.....	10,323 00	9,970 00	220	185	35	
1896.							
Feb. 19	Outlet sewer in 145th st., bet. Harlem river and 8th ave., with branch in 7th ave., east side, bet. 141st and 145th sts., and alterations, etc., to sewer in 8th ave., bet. 143d and 145th sts., and to connections in Lenox ave.....	71,612 50	20,676 00	600	139	461	
Mar. 10	Sewer in Columbus ave., east side, bet. 107th st. and Cathedral Parkway.....	6,112 50	5,800 00	130	124	6	
" 13	Sewers in 5th ave., bet. 138th and 140th sts.; in 139th st., bet. 5th and Lenox ave., and in 140th st., bet. Harlem river and Lenox ave.....	16,053 55	14,500 00	250	160	90	
" 13	Sewer in 185th st., bet. Kingsbridge rd. and Audubon ave., and 11th ave. (both sides), bet. 185th and 186th sts.....	14,452 00	4,700 00	350	142	208	
1895.							
July 10	Sewer in 187th st., bet. Kingsbridge rd. and Amsterdam ave., with branches in 11th ave. (both sides), bet. 187th and 190th sts., and curves at Wadsworth, 11th and Audubon aves.....	27,455 00	30,435 00	500	480	20	
1896.							
May 9	Sewer in 158th st., bet. Boulevard Lafayette and 11th ave., and in 11th ave., west side, bet. 158th and 165th sts.....	19,085 00	3,200 00	330	85	265	
June 20	Sewer in 114th st., bet. Riverside and Amsterdam aves.....	18,240 00	3,240 00	420	73	327	
" 20	Sewer in 183d st., bet. Kingsbridge rd. and 11th ave., with curve in Wadsworth ave.....	5,912 50	2,715 00	150	67	83	
Aug. 7	Sewer in Lexington ave. (both sides), bet. 97th and 98th sts.....	4,995 25	2,138 00	80	36	44	
" 8	Sewer in 135th and 137th sts., bet. Convent ave. and St. Nicholas terrace, and in St. Nicholas terrace, bet. 135th and 137th sts.....	9,075 02	1,020 00	200	34	166	
" 8	Sewer in Audubon ave., bet. 166th and 169th sts., and in 168th st., bet. Audubon ave. & Kingsbridge rd.....	8,635 01	1,600 00	180	35	145	
" 10	Sewer in 108th st., bet. Manhattan and Columbus aves.....	1,437 02	1,005 00	40	30	10	
Sept. 11	Sewer in 163d st., bet. Amsterdam ave. and Kingsbridge rd.....	3,099 00		50	9	41	Just commenced.
" 18	Sewer in 190th st., bet. Amsterdam ave. and 11th ave., with curves in Audubon ave.....	7,792 00		150	8	142	"

June 29	Receiving-basin northeast cor. 89th st. and River-side ave.....	\$194 00	\$178 00	3	8	..	Completed; not accepted.
Aug. 4	Receiving-basin northeast and southeast cors. 17th st. and 13th ave.....	616 00	564 00	10	9	..	Completed; not accepted.
" 11	Receiving-basin northeast cor. Cathedral Park-way and Riverside ave.....	536 00	427 00	14	24	..	Completed; not accepted.
" 11	Receiving-basin northwest cor. Cathedral Park-way and Amsterdam ave.....	240 00	206 00	5	10	..	Completed; not accepted.
" 11	Receiving-basin southeast cor. Baxter and Grand sts.....	215 00	187 00	3	6	..	Completed; not accepted.
" 11	Receiving-basin east side Amsterdam ave., 108 feet north of 179th st.....	307 00	270 00	3	19	..	Completed; not accepted.
" 27	Receiving-basin southwest cor. 168th st. and Amsterdam ave.....	206 00	185 00	4	5	..	Completed; not accepted.
" 27	Alteration and improvement to receiving-basin northwest cor. 168th st. and Amsterdam ave.....	215 90	188 00	4	5	..	Completed; not accepted.
" 28	Alteration and improvement to receiving-basins northwest and southwest cors. 73d st. and Amsterdam ave.....	328 00	313 00	6	5 1/2	..	Completed; not accepted.
" 28	Receiving-basin north side 86th st., about 276 feet east of East End ave.....	247 06	225 00	5	5	..	Completed; not accepted.
Sept. 11	Storm overflow to basin northwest cor. South st. and Market Slip.....	280 00	248 00	5	3	..	Completed; not accepted.
" 11	Storm overflow to basin northeast cor. South st. and Rutgers Slip.....	276 00	232 00	4	4	..	Completed; not accepted.

DOCUMENT "F."—REPORT OF THE SUPERINTENDENT OF STREETS.  
BUREAU OF STREETS AND ROADS, NEW YORK, October 8, 1896. Gen. CHARLES H. T. COLLIS, Commissioner of Public Works.

SIR—I beg to transmit herewith a report of the transactions of the Bureau of Streets and Roads, showing its financial condition and the amount of work done and materials used during the quarter ending September 30, 1896.

Respectfully submitted, JOHN SIMPSON, Superintendent of Streets.  
The following statement shows the amount of work done and materials used by the Bureau of Streets and Roads on "Boulevards, Roads and Avenues," during the quarter ending September 30, 1896:

Macadam roadway repaired.....	12,470 sq. yds.	Ashes hauled.....	122 loads.
" resurfaced.....	877 "	Gravel hauled.....	81 "
Gravel roadway resurfaced.....	3,950 "	Sand hauled.....	31 "
Roadway covered with gravel.....	28,953 "	Paving stones hauled.....	10 "
" stone screenings.....	2,902 "	Gneiss stone hauled.....	71 "
Gravel roadway repaired.....	5,301 "	Wash-outs repaired.....	148 "
Roadway regulated and graded.....	3,219 "	Trees pruned and cultivated.....	87 "
Gutters repaired.....	308 "	Weeds cut down.....	7 miles.
Flagging relaid.....	563 sq. ft.	Paving.....	12 sq. yds.
Bridge-stone relaid.....	81 "	Gravel piled.....	47 loads.
Curb reset.....	176 lin. ft.	Sod laid on centre parkways of Western Boulevard.....	26,500 sq. ft.
Roadway cleaned.....	532 miles.	Pathway of lime-stone screenings laid on centre parkways of Western Boulevard.....	1,200 sq. yds.
Gutters cleaned.....	1,528 "	Ground fountains set and connected with water and sewer pipes.....	2
Broken stone hauled.....	696 loads.		
Stone screenings hauled.....	625 "		
Gravel screenings hauled.....	597 "		
Telford hauled.....	189 "		
Earth hauled.....	978 "		

In doing the above-mentioned work there were used of—

Broken stone.....	676 loads.	Ashes.....	122 loads.
Stone screenings.....	556 "	Gravel.....	570 "
Gravel screenings.....	438 "	Sand.....	23 "
Telford.....	183 "	Paving stones.....	10 "
Earth.....	647 "	Gneiss stone.....	73 "

2,607 loads of refuse were removed.

The work of improving the centre parkways of the Western Boulevard, which have long been neglected, has progressed rapidly. Nine of these plots have been graded and sodded, and a foot path of lime-stone stone screenings, seven feet wide and four inches deep, laid through the centre, beautifying this avenue very much and adding greatly to its general appearance. It now shows a marked contrast to its former condition. Two ground fountains, 11 feet 6 inches in diameter, have been placed in the plots at northerly and southerly sides of Seventy-second street, producing a very fine effect.

The usual work of maintaining the macadam roadways has been pushed forward as quickly and efficiently as the means at the disposal of this Bureau would admit of. The work in the Repair Shops has been vigorously prosecuted. This work consists of the building and painting of new sprinkling wagons, road scrapers and snow ploughs, etc., and the repairing of the old ones, in addition to many minor matters not necessary to mention, but which consume considerable time and money, such as the sharpening of picks, the making of tools, etc.

The following statement shows the amount of work done and materials used by the Bureau of Streets and Roads, on "Roads, Streets and Avenues—Unpaved" during the quarter ending September 30, 1896:

Roadway regulated and graded.....	6,110 sq. yds.	Stone drain built.....	55 lin. ft.
Roadway repaired.....	2,982 "	Washouts repaired.....	129 "
Gutters regulated and graded.....	1,248 "	Stone broken.....	108 loads.
Gutters repaired.....	636 "	Gutters cleaned.....	4 miles.
Flagging relaid.....	1,037 sq. ft.	Broken stone hauled and used.....	450 loads.
Bridge-stone relaid.....	1,183 "	Earth hauled and used.....	1,899 "
Curb reset.....	135 lin. ft.	Roadway cleaned.....	2 miles.

66 loads of refuse were removed.

In respect to the work done on unpaved streets, I beg to state that most of this work is located in the extreme upper part of the Island, and the material necessary for repairs must be hauled long distances, involving the expenditure of much money. These unpaved streets and roads call for repairs after every heavy rain storm, as deep ruts and washouts are made by the drainage from the surrounding high ground. No earth or stone is bought by the City for these repairs and the necessary material for restoring the roadways.

The following is a Statement of the Various Appropriations Under Charge of the Bureau of Streets and Roads.

Boulevards, Roads and Avenues—Maintenance of, 1896.....	\$110,000 00	Pay-roll, Laborers, etc., week ending Aug. 22, 1896.....	\$1,686 03
Amount transmitted during the first quarter ending Mar. 31, 1896.....	21,253 36	Pay-roll, Laborers, etc., week ending Aug. 29, 1896.....	1,623 50
Balance Apr. 1, 1896.....	\$88,746 64	Pay-roll, Laborers, etc., week ending Sept. 5, 1896.....	1,658 75
Amount transmitted during the second quarter ending June 30, 1896.....	37,161 60	Pay-roll, Laborers, etc., week ending Sept. 12, 1896.....	1,569 00
Balance July 1, 1896.....	\$51,585 04	Pay-roll, Laborers, etc., week ending Sept. 19, 1896.....	1,591 75
Amount transmitted during the third quarter ending Sept. 30, 1896, is as follows:		Pay-roll, Laborers, etc., week ending Sept. 26, 1896.....	1,389 87
Pay-roll, Laborers, etc., week ending July 4, 1896.....	2,373 61	Gravel and screenings.....	6,867 89
Pay-roll, Laborers, etc., week ending July 11, 1896.....	2,197 11	Trap-rock stone.....	4,679 99
Pay-roll, Laborers, etc., week ending July 18, 1896.....	1,790 36	Rent of yard.....	1,200 00
Pay-roll, Laborers, etc., week ending July 25, 1896.....	1,686 37	Horse and wagon.....	240 00
Pay-roll, Laborers, etc., week ending Aug. 1, 1896.....	1,705 19	Telephone.....	54 00
Pay-roll, Laborers, etc., week ending Aug. 8, 1896.....	1,584 87	Fence repairs.....	15 00
Pay-roll, Laborers, etc., week ending Aug. 15, 1896.....	1,660 87	Sods.....	280 00
		Limestone.....	479 50
		Basins.....	292 03
		Hardware.....	1,269 96
		Wheelbarrows.....	23 35
			\$37,917 91
		Balance Oct. 1, 1896.....	\$13,667 10

The following is a Statement of the Various Appropriations Under Charge of the Bureau of Streets and Roads.

Roads, Streets and Avenues Unpaved—Maintenance of and Sprinkling, 1896.....	\$35,000 00	Pay-roll, Laborers, etc., week ending Aug. 15, 1896.....	\$741 75
Amount transmitted during the first quarter ending Mar. 31, 1896.....	2,336 89	Pay-roll, Laborers, etc., week ending Aug. 22, 1896.....	723 59
Balance Apr. 1, 1896.....	\$32,663 11	Pay-roll, Laborers, etc., week ending Aug. 29, 1896.....	709 00
Amount transmitted during the second quarter ending June 30, 1896.....	3,755 01	Pay-roll, Laborers, etc., week ending Sept. 5, 1896.....	757 75
Balance July 1, 1896.....	\$28,908 10	Pay-roll, Laborers, etc., week ending Sept. 12, 1896.....	721 87
Amount transmitted during the third quarter ending Sept. 30, 1896, is as follows:		Pay-roll, Laborers, etc., week ending Sept. 19, 1896.....	724 62
Pay-roll, Laborers, etc., week ending July 4, 1896.....	299 62	Pay-roll, Laborers, etc., week ending Sept. 26, 1896.....	923 12
Pay-roll, Laborers, etc., week ending July 11, 1896.....	252 62		\$8,975 96
Pay-roll, Laborers, etc., week ending July 18, 1896.....	818 11	Balance Oct. 1, 1896.....	\$19,932 14
Pay-roll, Laborers, etc., week ending July 25, 1896.....	755 75		
Pay-roll, Laborers, etc., week ending Aug. 1, 1896.....	778 00	The following amount has been received during the quarter ending Sept. 30, 1896, for use of road-roller and deposited to the credit of the General Fund.....	18 00
Pay-roll, Laborers, etc., week ending Aug. 8, 1896.....	770 25		



NAPHTHA-LAMPS.

*New York and New Jersey Globe Gas-light Company*—Number of lamps lighted June 30, 1896, 1,023; number of new lamps lighted during the quarter, 104.  
Total number of lamps lighted September 30, 1896, 1,127.



## ELECTRIC-LAMPS.

*Brush Electric Illuminating Company*—Number of lamps lighted June 30, 1896, 778; number of new lamps lighted during the quarter, 24—total, 802. Less lamps discontinued during the quarter, 1. Number of lamps lighted September 30, 1896, 801.

*Madison Square Light Company*—Number of lamps lighted June 30, 1896, 317. Number of lamps lighted September 30, 1896, 317.

*Mt. Morris Electric-light Company*—Number of lamps lighted June 30, 1896, 350; number of new lamps lighted during the quarter, 11—total, 361. Number of lamps lighted September 30, 1896, 361.

*Harlem Lighting Company*—Number of lamps lighted June 30, 1896, 228; number of lamps lighted September 30, 1896, 228.

*Manhattan Electric-light Company*—Number of lamps lighted June 30, 1896, 241; number of lamps lighted September 30, 1896, 241.

*Edison Electric Illuminating Company*—Number of lamps lighted June 30, 1896, 165; number of lamps lighted September 30, 1896, 165.

*North River Electric-light and Power Company*—Number of lamps lighted June 30, 1896, 842; number of lamps lighted September 30, 1896, 842.

*Eastchester Electric Company*—Number of lamps lighted June 30, 1896, 69; number of lamps lighted September 30, 1896, 69.

*Bronx Gas and Electric Company*—Number of lamps lighted June 30, 1896, 400; number of lamps lighted September 30, 1896, 400.

Total number of electric-lamps lighted September 30, 1896, 3,424.

## RECAPITULATION.

Number of gas-lamps lighted June 30, 1896.....	25,172	
Number of naphtha-lamps lighted June 30, 1896.....	1,023	
Number of electric-lamps lighted June 30, 1896.....	3,399	29,585
Number of new gas-lamps lighted during the quarter.....	187	
Number of new naphtha-lamps lighted during the quarter.....	104	
Number of new electric-lamps lighted during the quarter.....	35	326
Number of old gas-lamps relighted during the quarter.....	186	186
Less gas-lamps discontinued during the quarter.....	45	30,097
Less gas-lamps discontinued on account of electric-lights.....	121	
Less electric-lamps discontinued during the quarter.....	1	167
Total number of lamps lighted September 30, 1896.....		29,930

EXHIBIT "E."—Statement Giving the Illuminating Power in Candles of the Gases Supplied to the City by the Several Gas-light Companies during the Quarter ending September 30, 1896, as Shown by the Daily Observations at the Photometrical Rooms of the Department of Public Works.

FOR WHAT TIME.		EAST RIVER.			CON., BRANCH 1.			CON., BRANCH 2.			CON., BRANCH 3.			CON., BRANCH 4.			CON., BRANCH 5.			N. Y. MUTUAL.			EQUITABLE.			STANDARD.		
		ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.			ILLUMINATING POWER IN CANDLES.					
Week ending—		Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
July	4, 1896.....	27.14	28.14	27.77	25.18	27.55	26.07	23.28	25.74	24.21	26.23	28.50	27.47	22.22	22.95	22.52	25.36	28.20	26.55	25.55	29.80	27.89	25.54	29.72	28.01	25.64	27.04	26.52
"	11, ".....	27.05	27.38	27.21	25.37	27.34	25.57	23.48	24.60	24.04	27.40	29.42	28.32	22.82	23.34	23.12	25.88	28.90	27.72	25.58	28.04	27.36	26.08	30.02	27.93	27.26	27.90	27.90
"	18, ".....	26.42	28.12	27.46	24.24	26.42	25.13	23.02	24.70	23.47	26.23	29.26	27.67	21.03	24.50	22.70	25.51	28.02	27.21	26.10	28.08	27.14	26.46	27.81	27.04	27.04	29.42	27.74
"	25, ".....	26.40	30.00	28.17	24.02	25.76	24.87	22.60	23.54	23.21	26.11	28.16	27.14	21.48	23.79	23.09	26.46	28.16	27.22	24.14	26.82	25.46	25.76	28.84	27.38	27.88	29.64	28.70
Aug.	1, ".....	26.74	28.90	28.08	25.14	27.82	26.58	22.90	26.22	24.74	26.50	29.48	28.38	21.06	24.26	22.52	26.70	28.28	27.42	24.18	28.50	26.51	27.24	29.40	28.50	25.42	29.70	27.80
"	8, ".....	27.14	29.60	28.70	25.12	27.80	26.68	23.76	24.64	24.27	27.88	29.00	28.50	22.40	24.58	23.80	26.62	28.36	27.57	26.64	27.56	27.09	26.04	28.58	27.27	27.30	30.78	28.36
"	15, ".....	27.12	28.60	27.85	23.16	25.88	24.79	22.92	24.34	23.64	27.00	28.76	28.09	22.09	23.54	22.99	25.32	28.54	27.16	24.30	26.48	25.83	26.58	24.60	22.74	26.90	28.10	27.51
"	22, ".....	26.10	29.00	28.49	23.56	25.36	24.31	22.06	24.02	23.04	23.40	28.80	28.09	22.26	23.20	22.75	24.70	27.84	26.56	22.42	25.62	24.44	26.46	25.94	23.25	27.22	30.68	28.89
"	29, ".....	27.44	28.90	28.37	24.68	26.38	25.56	23.32	25.92	24.27	27.34	29.34	28.50	22.54	24.18	23.29	24.18	28.76	26.05	24.88	26.74	25.83	27.10	29.08	27.40	28.14	29.92	29.01
Sept.	5, ".....	28.02	29.92	29.04	24.90	27.78	26.10	23.13	24.70	23.83	26.70	29.28	28.06	22.54	24.49	23.75	25.42	26.90	26.28	24.12	26.04	25.40	25.20	29.24	27.74	28.34	31.52	29.62
"	12, ".....	27.92	28.94	28.54	22.66	26.16	24.72	21.42	24.06	22.87	26.00	28.32	27.00	20.74	22.84	21.88	25.50	26.65	26.12	23.96	26.76	24.78	25.50	26.92	26.45	26.52	30.00	28.42
"	19, ".....	27.46	29.82	29.00	24.65	27.05	25.61	21.32	24.32	23.00	26.18	28.48	27.15	21.84	23.42	23.01	25.26	26.52	26.10	23.12	25.76	24.65	26.30	30.82	28.81	26.50	30.22	28.88
"	26, ".....	28.94	29.84	29.34	24.49	26.06	25.33	21.82	25.08	23.77	25.36	27.60	26.75	22.90	24.60	23.54	24.56	27.82	25.79	23.22	25.80	24.78	25.92	28.84	27.87	26.94	28.40	27.97
Average for Quarter..		27.30	29.01	28.27	24.48	26.72	25.59	22.77	24.72	23.76	26.62	28.85	27.78	21.96	23.83	23.00	25.58	28.07	25.79	24.48	27.08	25.93	25.32	28.60	26.96	27.02	29.65	28.26
Distance from gas works.....		1.30 Miles.....			1.80 Miles.....			1.60 Miles.....			3.80 Miles.....			3.80 Miles.....			1.80 Miles.....			1.80 Miles.....			2.70 Miles.....			1.80 Miles.....		
Testing burner.....		Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.			Bray's Slit Union No. 7.		

## DOCUMENT "H"—REPORT OF THE BUREAU OF REPAIRS AND SUPPLIES.

BUREAU OF REPAIRS AND SUPPLIES, NEW YORK, October, 1896. Hon. C. H. T. COLLIS, Commissioner of Public Works.

DEAR SIR—In accordance with your instructions I have the honor to present the following report of the transactions of the Bureau of Repairs and Supplies for the quarter ending September 30, 1896:

Among the principal items of work done by the Bureau, I refer to the following, which I respectfully submit for your consideration:

## CRIMINAL COURT BUILDING.

The alterations in the Criminal Court Building are almost complete; the work was given out in five separate bids.

All partitions and furniture of the Labor Bureau in the southeast corner of basement story have been removed, altered, repaired and set up in the new rooms provided for this office on the northeast corner of basement. The partitions which have been in the New Labor Bureau have been removed and set up in the room adjoining.

In the offices of the District Attorney's Clerks' rooms on the second mezzanine story the partitions on the south side have been partly removed, altered and rebuilt as per drawings, and a new glass partition has been built.

In the large room of the Judges' Chambers, on the second story, a new glass partition has been put up the full length of room from floor to ceiling, paneled and moulded both sides.

In the toilet room of the Judges of Special Sessions there has been put a new partition and five new lockers for the use of the Judges of this Court.

The new Court room of the Court of General Sessions has been completely refitted with a new jury box, Judges' bench, witness stand, canopy, screen, desks, rails and platforms. This room has also been painted and decorated, and made to correspond with the other Court rooms in building.

In the Stenographer's room adjoining the District Attorney's room a new railing and platform has been provided. In the new Library and the District Attorney's Reception rooms an iron railing with oak top rails has been provided.

In the Court room of the Court of Special Sessions the curved railing at the north side of room has been altered, and a new railing with a gate has been provided and put up.

In the Police Court room the railing to the right of the Judges' bench has been altered and a new gate provided. In the Police Sergeant's room all the furniture of all kinds has been removed and set up in the new room provided for his use in southeast corner of basement story.

All the furniture, bookcases, wardrobes, desks, etc., in the offices of the Clerk of General Sessions has been removed to the new offices on the first mezzanine story.

In the following rooms roll-top desks have been provided: Judges' retiring room, Part IV., 1; Judges' Chambers, large room, 1; Library, 1 roll-top and 1 flat top.

The following tables have been provided: Court room, General Sessions, Part IV.—2 tables, 2 feet 6 inches by 10 feet; 1 table, 2 feet 6 inches by 13 feet, and 1 table, 1 foot 10 inches by 3 feet 1 inch. In the anteroom—1 table 2 feet 6 inches by 10 feet. In the large room, Judges' Chambers—1 table, 2 feet 6 inches by 4 feet. In each of the 4 Jury rooms of General Sessions—1 table, 2 feet 6 inches by 8 feet.

In the District Attorney's private office and in the Stenographer's room adjoining, also in the Recorder's room, two wood and ornamental composition picture mouldings have been provided; the ceilings of these three rooms have been painted in distemper or water color, and the walls have been painted four coats of white lead and linseed oil, flat finish.

In the private office of the Clerk of General Sessions a new carpet has been put down. In all the rest of the offices of the Clerk of General Sessions the floors have been covered with linoleum.

In all the offices of the Clerks of the District Attorney on the second mezzanine story linoleum has been laid.

In the Court room of the Court of General Sessions, Part IV., the heat registers in the west wall have been bricked up and new openings cut. A new door has been cut in brick wall between Judges' retiring room and anteroom of Part IV., and one in the wall separating the offices of the Clerks of General Sessions.

In the District Attorney's reception room the vault door and frame have been removed and bricked up; a new door opening has been cut in wall between reception room and private office, and a window in this room has been cut down and a door opening made of same.

In the basement, southeast corner, where two new prisoners' pens have been built, the openings in the north wall have been bricked up.

The Jury room, Part IV., the two openings in west wall have been built up. In Library the openings in north and east walls have been closed up. Wherever alterations have been made the necessary plastering has also been done.

The storm doors of the old Labor Bureau have been removed; the present outside doors of Labor Bureau have been removed, refitted and rehung to swing out.

In the Grand Jury room the two single doors and one pair of double doors have been altered so as to make them 7 1/2 feet high.

In the cellar there have been provided paneled and moulded screens with doors properly put up for 8 openings, forming dressing rooms and bath room.

Moulded chair rails have been provided and put up in the rooms containing the prisoners' pens on basement story, and Police Sergeant's room, also in the Jury room of new Part IV.

All the walls, ceilings, iron guards, railings, pipes and other work of all kinds in the prisoners' pens, the female prisoners' pens, all the halls, corridors and stairways in connection therewith on the first mezzanine story have been painted three coats of oil paint, the last coat of which has been sanded. All new and old woodwork in connection with these alterations has been cleaned and varnished. A new iron stairway from basement to first story has been built; galvanized iron hand rails have been provided for these stairs.

The staircase from first mezzanine story to second story has been removed. In the library the present railing and gate have been altered and put up in its new location.

Two new prisoners' pens in basement story, southeast corner, have been built, corresponding with the present pens adjoining. The locks of the old pens have been replaced by new ones. The old Police Sergeant's room has been fitted up for a female pen. A new guard extending from floor to ceiling and from wall to wall has been placed in the Franklin street entrance hall. On

the first mezzanine story three guards in halls to Prisoners' pens, extending from floor to ceiling and from wall to wall, have been placed. Three new guards for windows and door of office of Clerk of General Sessions have been provided. In the Toilet room on basement story a new window guard has been put up.

There have been placed 5 new water-closets, cisterns, seats and lids with necessary fittings, complete, in the following rooms: 1 in the Toilet room of the District Attorney, 1 in the Toilet room of the Judges of Special Sessions; these two closets are of the kind known as Boyle's Pneumatic "Tidal Wave"; the other three are in the new prisoners' pens on the basement story and are the same as are in the other pens.

Seven new marble wash-basins have been put in the following rooms: 2 in rooms of Clerk of General Sessions, 1 in Stenographers' room, 1 in District Attorney's Toilet room, 2 in offices of the Clerks of the District Attorney, 1 in Toilet room of Judges of Special Sessions, all with heavy nickel plated fixtures complete. The wash-basin in the female Prisoners' pen on second mezzanine story has been repaired. In the three new prisoners' pens, new three cornered wash-basins have been provided. In the cellar a new 5 1/2 feet enameled cast-iron bath-tub has been provided. A new porcelain urinal with 1 1/2 inch marble stall and back has been put up in the Toilet room of the Judges of Special Sessions. Wherever alterations have been done the tiled floors have been repaired.

There have been provided: 1 double-faced burglar-proof file case; 1 large fire and burglar proof safe for the offices of the Clerk of General Sessions; 1 fire-proof safe for the Coroner's office and 1 burglar-proof safe for the Indictment Bureau of the District Attorney's office. There is still 1 more fire-proof safe to be put in the Clerks of General Sessions office, which will be placed there in a few days. There have been provided seventeen metallic file cases: 1 of these has been put in the Judge's retiring-room of the Court of General Sessions, Part IV.; 1 in large room of the Judge's chambers, and the other 15 have been distributed in the various offices of the District Attorney. A large file case has been moved from one location of the room to another in the Clerk's room of the District Attorney. The large metallic counter of the Clerk of General Sessions has been moved from the old Clerk's office and put up in the new office. All the large file cases in the old office of the Clerk of General Sessions have been taken apart and placed in the new offices of the Clerk.

In the Health Department, on the top floor, there have been provided 16 new metallic file cases: 1 of these has been placed in the Secretary's office and the rest (15) have been placed in the office of the Bureau of Records. These file cases extend from floor to ceiling, and are to preserve the various records of births, marriages and deaths, dating back to a period of over one hundred years.

The report on this work is based, as far as the work has progressed, to the present time. There is still quite some to be done; also, a number of bookcases, chairs, lounges, desks, draperies, tables and other furnishings to be delivered and other mechanical work to be done. The contract time of ninety days having proven to be insufficient an additional three weeks have been allowed; with the additional time allowance, the work will be finished about the 15th day of October.

The Elevators—Repairs were made to the following elevators: Elevator No. 5—Weight ropes were shortened and safety appliance repaired. Elevator No. 3—Operating valve was repacked. Elevator No. 6—Centre-head gasket was renewed and the weight ropes were shortened.

The contract for the cleaning of the glass in the doors and windows was extended to September 30, 1896. The contract calls for the cleaning of the glass as often as necessary for the sum of \$90 per month. The work has been done satisfactorily.

Arrangements were made for the supply of such material as may be required by the Plumber in making repairs and alterations to the plumbing, steam and gas-fitting of the building.

The following grate bars were furnished and set in place: 42 large, 4 medium, 6 ordinary, 4 sets of bed plates (8 pieces), and 4 sets bearing bars were also furnished.

One No. 6 Royal Refrigerator and drip pan were furnished for use of the Janitor of the building.

Directories were furnished to the several courts and offices throughout the building.

The frames and wire screens of the cold-air ducts were repaired and made thoroughly good, and the entire frame work was covered with cloth covering. This work is now under way and will be finished in a few days.

## COUNTY COURT-HOUSE.

Supreme Court, Judges' private room—The walls, iron and woodwork were painted two coats of best Atlantic lead paint. All the hard wood was given two coats of best varnish.

Supreme Court, Part II.—The ceiling was washed off and decoration reproduced, and all ornamental plaster work touched up and rebronzed. The walls, iron and wood work were painted two coats of best paint.

The Library—The walls, ironwork and woodwork were painted and hardwood doors given two coats of best varnish.

Supreme Court, Part II., Trial Term—The ceilings were washed off and calcimined in tints, all ornamental plaster work was touched up and rebronzed, walls, iron and wood work were painted and doors given two coats of best varnish.

Supreme Court, Part VI., Special Term—The ceilings were washed off and decoration reproduced; all the ornamental plaster work was touched up and rebronzed; walls, iron and wood work were painted two coats and hardwood doors were given two coats of best varnish. This work was let at private bidding, and a very satisfactory job was done.

Special Term, Parts I., II., III., IV., V., VI. and VII., and Trial Term, Parts III., IV., V., VI., VII., VIII., IX. and X.—The canopies in above Courts were taken down, cleaned, repaired and put up again.

Judges' Private Rooms—7 pairs of window curtains, 7 pairs of door curtains and book-case curtains were cleaned, repaired and put up.

Judges' Private Dining Room and Library—The window lace curtains, table covers, tapestry and window shades were cleaned and repaired and put in place.

The following repairs were made on north elevator of the above building: Valve and piston repacked, traveling sheave bushing renewed, and the governor rope and pump repaired.

Steam is now furnished to County Court-house, under contract, by the New York Steam Company, at the rate of \$8,000 per annum.



The expediency of this arrangement is shown by the saving to this Department; formerly the steam was gotten up on the premises, necessitating the purchase of large quantities of fuel, and the employment of more labor.

A brick wall 4 feet 8 inches by 4 feet and about 12 feet high was built for a manhole around the Croton water-pipe in the above building.

Repairs were also made to 4 large water tanks.

#### THE CITY HALL.

The Police Station and rooms in basement of above building were painted, grained and calcimined.

Repairs were made to the chairs in the following offices:

Aldermanic Chamber—37 rotary and 15 other chairs. Said chairs were webbed on bottom with best quality burlap, hair fillings in each seat and new pantasote put in where needed, etc.

President of the Board of Aldermen—One high spring chair and two rotary chairs were repaired, same as above.

Mayor's Office—One sofa was covered with pantasote and two rotary chairs were repaired and made as good as new.

City Court, Part II. and IV.—Ceilings were washed off; all cracks cut out and thoroughly pointed up with plaster of paris mortar, and the ceilings were given two coats, and neatly tinted in appropriate colors. All the walls were given two coats of the best quality of Atlantic lead paint, ground in linseed oil.

All the woodwork was given two coats of the best varnish and the radiators were painted, bronzed and varnished.

Some law books were furnished to the Mayor's office.

Two American flags, 10 feet by 15 feet, were furnished for use of the building.

The steam required for heating and running the steam pump is still being supplied from the New York Steam Company's main. Orders are given from month to month for furnishing the same.

Specifications and plans were prepared for extensive repairs to the carpenter work, etc., in the basement of the City Hall for use of the library. This work is nearly completed.

Specifications were prepared for furnishing four book cases for Rooms Nos. 5 and 5½ in above building. The cases were built of clear, well seasoned oak, of the following dimensions: 2 cases, 22 feet long, 7 feet 6 inches high, with 10 shelves; 1 case, 28 feet 6 inches long, 7 feet 6 inches high, with 10 shelves; 1 case, 33 feet 3 inches long, 7 feet 6 inches high, with 15 shelves. Exposed ends were paneled with 1½-inch astrical moulding. Sash doors 1¾-inch thick, glazed with D. Y. clear glass and were made to slide with sheaves and brass ways. The uprights and shelves were made of good, dry white wood, with oak strips on edges of shelves. All the shelves were made movable. All the above work was done in a first-class manner.

Repairs were made to the figure and scale on cupola of the above building, and repairs were also made to the lightning rod.

Some law books were furnished and one leather bag for holding weights and measures was furnished for use of the Mayor's office.

#### CITY COURT.

One "World Time Clock" was furnished and put up in the Clerk's Office of the above Court.

A twofold lattice work iron gate, 9 feet by 4 feet was hung to the entrance of the City Library in the basement of the City Hall.

Two barrels of prestine were furnished for use of the Janitor of the building for cleaning purposes.

#### BROWN STONE BUILDING.

One copy of Cook's Criminal Code and Procedure and Session Laws was furnished to the Department of Street Cleaning.

Repairs were made to the semi-circular outside stoop, leading to the second story of the above building. The stoops, risers and railing were repaired and made good, and the same painted.

The iron stairway at the rear of the building, facing the park, was reconstructed, and made good in every particular.

#### HALL OF RECORDS.

One flat top desk was furnished and repairs were made to the safe in the above building.

One barrel of boraxine was furnished for use of the Janitor of the building for cleaning purposes.

#### AMERICAN TRACT SOCIETY BUILDING—DEPARTMENT OF PUBLIC WORKS.

A desk set of intercommunicating telephone was put up on the desk of the Commissioner of Public Works, and the same was connected with the present system.

A call-bell outfit was also furnished for same office.

One table desk was furnished for use of the Commissioner's Office.

A desk telephone was furnished and placed on the desk of the Deputy Commissioner of Public Works and connected with telephone instrument, and supplied with the necessary switching apparatus.

An order was given for taking up, cleaning and relaying with best paper lining such carpets as may be ordered to be taken up by the Superintendent of Repairs and Supplies for the balance of the year, commencing July 2 and ending December 31, 1896.

Six awnings were furnished and put up on the seventeenth floor of the building.

Two revolving office chairs and two tin proposal boxes were furnished for use of the Chief Clerk's Office, and 12 dozen scrub brushes, 6 boxes of scourer and 1 dozen bentwood cane seat chairs were furnished for use of the Bureau.

All the wood work, shelving, doors, closets, etc., in the Map room in the basement were painted 3 coats of Atlantic lead paint, ground in linseed oil.

Two 16-inch electric motor fans were furnished and put up in the Bureau of Incumbrances.

One high-back revolving chair was furnished to the Bureau of Street Improvements.

One roll-top desk and 5 revolving armchairs were furnished to the Water Purveyor's office.

Five skylight shades were furnished and put up in the Water Register's office.

Two 16-inch electric motor fans were furnished and put up in the Water Purveyor's office in the basement of the building.

On account of the removal of the Commissioner's office from the seventeenth floor to the sixteenth floor about 70 yards of Best Bigelow Brussels carpet, with best paper lining, was laid in Rooms Nos. 1630, 1631 and room off 1631.

The closets, desk shelves, etc., in the Chief Engineer's office were varnished and stained.

The following work, which was formerly done by contract, was done by one of the Assistant Foremen in the employ of this Bureau: Awnings repaired and put up, with necessary rope, blocks, cleets, slides and canvas—Mayor's office, City Hall, 17; Register's office, 33; Brown Stone Building, 46; County Court-house, 77; Board of Assessor's office, 3; Tax Commissioner's office, 2; Receiver of Taxes, 5; Comptroller's office, 39; Commissioners of Accounts, 10; Criminal Court-house, 263; Seventh District Court-house, 5; Jefferson Market Court, 13; Streets and Roads (Repair Shops), 5; Commissioner of Street Improvements, One Hundred and Forty-third street and Third avenue, Twenty-third and Twenty-fourth Wards, 17; Engineer's Department, One Hundred and Fifty-seventh street, 8; Building Department, Eighteenth street and Fourth avenue, 28; Cut-off gang, One Hundred and Sixty-fourth street and Third avenue, 1; Sixth District Civil Court, 9; Fourth District Civil Court, 4.

Harlem Court-house—Steam-heating and water pipes were covered with asbestos paper and canvas, and domes were covered with asbestos cement.

Brown Stone Building—Covered all steam and heating line of pipes in cellar, also dome on boiler with asbestos.

Fulton Market—All skylights were repaired with new rope, blocks and screw eyes.

#### MISCELLANEOUS.

Directories have been furnished for the use of the several Departments entitled to the same.

Repairs have been made to the plumbing, steam and gas-fitting, the ironwork, office furniture, glazing and window awnings of the several buildings and offices in care of this Bureau.

An order has been given for making repairs to the stoves in use in the several buildings.

The necessary lumber and hardware have been supplied for use of the Carpenters in the employ of the Bureau, and the delivery of small supplies, ice, coal, wood, etc., required by the Janitors and Engineers in the several buildings and offices.

#### STEWART BUILDING.

Four 16-inch motor electric-fans were furnished and installed in the Auditor's Bureau, Finance Department, with necessary wire, fittings and appliances to turn the same. This work was done in accordance with the rules of the Board of Fire Underwriters.

Two dozen high-back revolving chairs, three 16-inch motor fans as above were furnished in offices of the Department of Taxes and Assessments.

One club directory (of the club men of New York) was furnished to the above Department.

Three 16-inch electric motor-fans were furnished and installed in the Chamberlain's office.

Two 16-inch electric motor-fans were furnished and installed in the office of the Collector of Assessments, Room 31, and six electric motor-fans were furnished to the Collector of Taxes on the first floor of the building; 225 yards of linoleum were also laid.

#### ARMORIES.

Seventh Regiment Armory—The following supplies were furnished and delivered to the above armory: 2 barrels raw linseed oil, 1 barrel kerosene oil, 1 barrel turpentine, ½ barrel sperm oil, 1 barrel crude oil, ½ barrel alcohol, ½ barrel washing soda, 1 box pearline, 1 box sapolio, 1 dozen No. 20 turkey feather dusters, 1 dozen chamois skins, 1 dozen sink brooms, 6 ash cans, 2 dozen mops and handles, ½ dozen galvanized-iron pails, one six-foot step-ladder, 1 box Babbitt's soap, ½ dozen whitewash brushes—all the above articles were the best of their several kinds.

Eighth Regiment Armory—Walls above towers and also walls inside of towers were found in bad condition; they were cracked and needed pointing. The outer walls of armory, on the north side, facing Ninety-fifth street were pointed and repaired with Rosendale cement and Spanish brown coloring. All repairing was done in a first-class manner. The following material was used

in repairing walls: 1 barrel Rosendale cement, 3 barrels white sand, 50 pounds Spanish brown coloring. This work was done by Foreman in the employ of the Bureau. Extensive repairs were made in the above armory and alterations made to ventilate the drill-room.

Twelfth Regiment Armory—The walls above roof found in very bad condition were repaired and pointed with Rosendale cement and put in first-class condition. 2 barrels of Rosendale cement and 6 barrels of Cow's Bay sand were used in repairing walls. This work was done by Foreman employed in this Bureau. A new wash basin and marble slab were furnished and put in the armory and the same connected with the hot and cold water. The above work was done according to the plans and specifications of the Department of Buildings.

Twenty-second Regiment Armory—A new 17-foot hood was furnished and put up over the range in the above armory. The floors in and around and under the radiators to the amount of 30 were covered and secured with iron sheeting, as required by the Board of Underwriters.

Sixty-ninth Regiment Armory—A partition made of narrow pine ceiling boards, properly capped and moulded, with one door, was erected in the above armory. A closet 4 feet by 8 feet by 1 foot 6 inches with panel door and jambs and fitted up with shelves was also built. All the above work was stained in imitation walnut and a good job made.

#### THE MARKETS.

Fulton Market—The stairway in Towers Nos. 1 and 2 were raised. The flooring and beams in the telegraph office was removed; also in gangway opposite stairs, and the same replaced with 3 by 10 spruce timber. A yellow pine floor was laid and the stairway raised to its proper place. Repairs were made to the roof over Stands Nos. 112, 55, 57, 59, 61, 206, 207, 137 and 210. All defective tin was cut out and replaced with new I. C. stamped tin. The gutter lining over Carley's Restaurant was cut out and replaced with new tin and 3 lights of fluted glass were put in over skylight of Shed No. 120. The gutter lining over Middleton, Carmen & Co's Stands, Nos. 55 and 57 was repaired; all the old tin was cut out and replaced with new tin. The roof over Kitchen No. 4 was repaired and painted. All the damaged tin was cut out and replaced with new I. C. stamped tin, and all broken joints soldered. The roof over Stands Nos. 5, 6, 7 and 8 in above Market was repaired and painted, and the brick wall pointed up where tin entered wall. The ceilings and walls in Tower No. 1 were washed off and calcimined; all cracks cut out and pointed up, and the plastering repaired where required.

Washington Market—The old gutter lining over Stands Nos. 25, 26, 27 and 28 was taken out and replaced with new galvanized-iron linings on mansard roof. All the old slate was removed and replaced with new slate where necessary. The new gutters were given two (2) coats of metallic paint, and the premises left broom clean.

West Washington Market—The roof over Stands Nos. 10 and 22 Hewitt avenue was repaired; about 50 sheets of new tin was put on; the gutters were lined where needed, and the roof over the stands painted with metallic paint, ground in linseed oil. The roof over Stands Nos. 3, 5 and 7 Hewitt avenue was repaired; all damaged tin in gutters was cut out and replaced with new I. C. stamped tin, and the same painted with metallic paint. The old leaders were taken down and new 4-inch galvanized iron leaders were put up on Stands Nos. 49 Loew avenue and No. 17 Gansevoort street. The tin roof and skylight over Stand No. 155 were repaired and the same painted two coats of metallic paint.

#### THE COURTS—MAGISTRATES AND CIVIL.

First District Magistrate's Court—12 bookcase door curtains for the court-rooms and 6 curtains for the Judge's private rooms were furnished; these curtains were made of best Oxford twill silk, facing silk; 1 heavy muslin cover for the Judge's bench, 40 feet long and 6 feet wide, was also furnished.

Second District Magistrate's Court—A partition was built and the old partition and platform were removed and placed several feet away and the same given 1 coat of walnut stain.

Third District Magistrate's Court—All the hot-air pipes, registers and smoke-pipes and flues were repaired and cleaned and 8 hot-air dampers and 4 new grates furnished.

Fourth District Magistrate's Court—The walls were painted and ceilings calcimined in above Court and Judge's private room; the walls were given 2 coats of Atlantic paint and tinted light terra cotta from cornice downward and the woodwork painted 2 coats; the ceilings and ornamental plaster work was reproduced in bronze; the City "coat-of-arms" on wall of court-room was rebronzed.

Third District Court-house (Jefferson Market)—3 new washout water-closets were furnished and put in place in above building; 1 in the Magistrate's Court and 2 in the Civil Court-room, with best quality of hard wood seats and new hard wood tanks and 1 basin cock.

Seventh District Court-house—The cast-iron bases around the six columns of the portico were repaired and made perfectly good; the railing, gates and locks were repaired around the Court Yard; 7 new window awnings were furnished and put up on the windows of the above Court; 2 carboys of electrozone were furnished for use of the above courts; the walls were painted and ceilings calcimined; 6 copies of the Session Laws, complete, were furnished and delivered to the Board of City Magistrates.

Seventh District Magistrate's Court—1 18-rung ladder was furnished and delivered to above Court. An order was given to make and finish complete the gas-fixtures in above Court, as per schedule on file in this Bureau; this work is nearly finished.

Second District Judicial Court—The carpets in the Judge's room were cleaned.

Third District Court-house—The boiler furnace was relined with No. 1 firebrick and a set of grate-bars supplied; 3 record boxes and some law books were furnished.

Fifth Judicial District Court—Repairs were made to the furnaces and the old safe in the Clerks' office was repaired.

Ninth Judicial District Court—Some law books were furnished.

Twelfth Judicial District Court—The following has been supplied to this Court: 1 seal, 1 file case, 1 safe, 1 revolving desk chair, 1 roll top desk, 1 bookcase to hold 350 volumes, 10 benches (12 feet each), 1 dozen bentwood cane seat chairs, 1 dozen cuspidores, 1 sign (12 feet long) painted to read, "12th Judicial District Court."

Thirteenth Judicial District Court—One barrel of boraxine was furnished and delivered to the Janitor of the above Court for cleaning purposes.

Harlem Court-house—In the Janitor's apartments of the above Court-house the ceilings were washed off, pointed up and tinted in appropriate colors as directed. The walls were painted two coats of best Atlantic lead, and all the woodwork was given one good coat of varnish.

In addition to the above, the usual repairs are being constantly made to the plumbing, steam and gas fitting in the several courts, offices and markets in care of this Bureau. This work, from its very nature, needs the most watchful care to keep it in sanitary condition.

Repairs have also been made to the iron work and glazing, and the office furniture and supplies have been furnished for use of the Janitors and Engineers employed in the buildings in care of this Bureau.

The Carpenters in the employ of this Bureau are constantly kept busy in making small repairs to doors, windows, shelving, desks, pigeon holes and other carpenter work required to be done in the various buildings in charge of this Bureau.

#### STREET CLEANING DEPARTMENT.

Repairs were made to the roof of Stable "A" in the above Department, located at Avenue C, between Sixteenth and Seventeenth streets. New strips of tin were put in along the edge of the lantern roofs and all the sills of the windows were tinned on the lantern roof. All the tin work, gutters and valleys were repaired. All damaged tin was cut out and replaced with the best quality of 14 by 20 inches I. C. charcoal tin. All the tin was painted bottom and top. The top was given two coats. Three hundred and five lights of glass were furnished and put in, in the building occupied by the stables of the above Department.

#### COUNTY JAIL.

Contracts and specifications were prepared for making alterations and repairs to Ludlow Street Jail and No. 5 Duane street.

The above work was duly advertised and now awaits the approval of the sureties.

The above work will be proceeded with as soon as the sureties are accepted by the Comptroller and a detailed report made of the same in the next quarterly report.

#### FREE FLOATING BATHS.

I have the honor to report that the 15 free floating baths will be closed in a few days and that arrangements are being made to have them towed to winter quarters.

It is gratifying to state that in respect to the number of people who have received and who have availed themselves of the opportunity of taking a refreshing salt-water bath, the past season has been the most successful of any since the baths have been established.

This bathing season is also remarkable for the new feature, introduced by your order, of keeping the baths open day and night during the extreme heat which prevailed in the second and third weeks of August.

Its popularity and beneficent effects were attested by the increased attendance of people at each of the baths on every night they were open.

I will present in my report for the fourth quarter of 1896, a full statement of the attendance at each bath for the season.

As soon as the baths are in winter quarters measures will be taken to have them thoroughly overhauled and refitted for the season of 1897. Respectfully submitted,

JOHN C. GRAHAM, Superintendent of Repairs and Supplies.

DOCUMENT "I."—REPORT OF THE SUPERINTENDENT OF INCUMBRANCES.

BUREAU OF INCUMBRANCES, NEW YORK, October 6, 1896. Gen. CHARLES H. T. COLLIS, Commissioner of Public Works:

DRAR SIR—I submit herewith the following report of the operations of this Bureau for the quarter ending September 30, 1896 (months of July, August and September): 1,167 complaints of obstructions received and attended to; 360 seizures and removals of obstructions made; 1,838 building material permits issued; 252 miscellaneous permits issued; 2 permits issued to cut down shade trees; 2 notices served to repair defective vault covers; 38 permits issued to erect temporary roofs or sheds over sidewalks in front of new buildings.



Expense of seizing and removing 360 articles, including 290 loads of dirt, stones and rubbish, and throwing in dirt and rubbish on premises at various places, and removing 241 dead and dangerous trees, stumps and posts, etc., \$3,885.95—total expenses for the quarter, \$6,297.22.

Received from owners for the redemption of seized articles, \$417.75; received for permits issued for temporary sheds over sidewalks, \$190; proceeds from auction sale of May 25, 1896, \$660.60—total, \$1,268.35—all of which was duly paid over to the City Chamberlain.

Salary account—Appropriation, \$9,900; expended up to September 30, 1896, \$7,246.23—Balance, \$2,653.77.

Appropriation for "Removing Obstructions and Incumbrances from Streets and Avenues," \$15,000; expended up to September 30, 1896, \$10,818.60—Balance, \$4,181.40.

Respectfully, WILLIAM HENKEL, Superintendent of Incumbrances.

#### DOCUMENT "K."—BUREAU OF WATER REGISTER.

BUREAU OF WATER REGISTER, NEW YORK, September 30, 1896. Gen. C. H. T. COLLIS, Commissioner of Public Works:

SIR—I herewith transmit statement of moneys received for water rents, penalties, taps, etc., for the quarter ending September 30, 1896:

#### Regular Rates.

	Principal.	Penalty.	Total.	Taps—	
July.....	\$744,400 74	\$685 05	\$745,085 79	July.....	\$852 50
Aug.....	51,914 26	1,182 85	53,097 11	Aug.....	545 00
Sept.....	55,975 91	1,288 40	57,264 31	Sept.....	730 00
	\$852,290 91	\$3,156 30	\$855,447 21	Permits issued, 56.	\$2,127 50
<b>Meter Measurement.</b>					
Meters outside Riverdale and exclusive of steamboat meters—					
July.....	\$244,289 95			July.....	\$7,000 00
Aug.....	136,141 11			Aug.....	7,000 00
Sept.....	97,254 82			Sept.....	
			477,685 88		14,000 00
<b>Riverdale meters—</b>					
July.....	\$385 20			July.....	\$1,017 00
Aug.....	597 20			Aug.....	1,020 50
Sept.....	181 60			Sept.....	748 50
			1,164 00		2,786 00
<b>Steamboat Meters—</b>					
July.....	\$10,370 43			Permits issued, 752.	
Aug.....	6,727 70			Total receipts from Croton water..	\$1,388,815 52
Sept.....	9,841 30				
			26,939 43		
<b>Miscellaneous.</b>					
Building Purposes—					
July.....	\$2,076 70			Repairing Streets—	\$1,388 50
Aug.....	2,661 55			Aug.....	1,312 25
Sept.....	2,172 66			Sept.....	1,863 00
			7,810 91		4,563 75
Permits issued, 283.					
Extras, Boilers, etc.—					
July.....	\$465 00			Permits issued, 576.	
Aug.....	304 59			Meter Setting Fund, No. 2.	\$176 20
Sept.....	85 00			Aug.....	100 60
			854 59	Sept.....	28 90
					305 70
Permits issued, 56.				Total receipts.....	\$1,393,684 97

The report is respectfully submitted.

Very respectfully, COLUMBUS O. JOHNSON, Water Register.

#### HEALTH DEPARTMENT OF THE CITY OF NEW YORK.

WEEK ENDING SATURDAY, 12 M., FEBRUARY 6, 1897.

Estimated Population, 1,968,124.

Death-rate, 19.64.

#### Cases of Infectious and Contagious Diseases Reported.

	Nov. 7.	Nov. 14.	Nov. 21.	Nov. 28.	Dec. 5.	Dec. 12.	Dec. 19.	Dec. 26.	Jan. 2, 1897.	Jan. 9.	Jan. 16.	Jan. 23.	Jan. 30.	Feb. 6.
Phthisis.....	103	161	152	127	116	107	105	165	102	156	190	159	171	148
Diphtheria.....	187	147	203	212	215	209	145	200	234	233	241	209	201	101
Croup.....	2	3	4	6	7	3	7	9	15	15	12	3	12	21
Measles.....	57	67	65	92	86	130	152	121	131	160	165	116	184	164
Scarlet Fever.....	77	86	112	122	98	128	152	110	121	174	140	160	107	144
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	26	22	38	31	44	29	18	37	18	11	15	11	6	7
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	452	486	574	569	594	612	643	587	677	750	755	690	749	645

Marriages reported.....	386	Barial permits issued.....	741
Births.....	1,102	Transit permits issued.....	11
Deaths.....	741	Searches made.....	297
Still-births.....	70	Transcripts issued.....	305

#### Deaths According to Cause, Age and Sex.

	Total.	Total last year.	Average 10 years.	Males.	Females.	Under 1 Month.	1 Month and under 1 Year.	1 Year and under 2.	2 and under 5.	Under 5 Years.	5-15.	15-25.	25-45.	45-65.	65 and over.
Total, all causes.....	741	772	941.5	411	530	62	110	43	58	273	19	61	168	135	85
Diphtheria.....	31	35	45.9	18	13	..	3	4	18	25	5	..	1	..	..
Croup.....	10	6	17.7	4	6	..	3	1	6	10	..	..	..	..	..
Malarial Fevers.....	2	1	3.4	1	1	..	1	..	..	1	..	..	..	..	..
Measles.....	5	32	26.2	4	1	..	1	3	..	4	1	..	..	..	..
Scarlet Fever.....	7	13	22.8	3	4	..	1	..	6	7	..	..	..	..	..
Small-pox.....	..	..	2.0	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	2	5	4.3	2	..	..	..	..	..	..	..	..	..	..	..
Typhus Fever.....	..	..	1.9	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough.....	5	6	8.7	3	2	1	3	..	1	5	..	..	..	..	..
Diarrhoeal Diseases.....	9	11	12.7	8	1	2	5	2	..	9	..	..	..	..	..
Phthisis.....	106	87	122.3	58	48	..	2	..	..	2	1	27	56	14	6
Other Tuberculous Diseases.....	20	16	..	9	11	..	5	7	4	16	1	..	2	..	1
Diseases of Nervous System.....	75	70	85.1	40	35	3	14	6	7	30	1	13	15	15	15
Heart Diseases.....	48	49	50.8	28	20	..	1	..	..	1	3	6	7	22	9
Bronchitis.....	36	33	50.7	18	14	4	20	2	3	29	1	..	3	3	3
Pneumonia.....	101	134	142.1	52	49	5	18	13	9	45	2	10	20	14	10
Other Diseases of Respiratory Organs.....	16	8	..	10	6	1	1	..	..	2	1	3	3	5	4
Diseases of Digestive System.....	44	48	..	25	19	5	8	..	..	13	1	1	11	11	5
Diseases of Urinary System.....	48	65	..	29	19	..	1	..	..	1	..	2	17	14	14
Congenital Debility.....	47	35	..	23	24	32	14	1	..	47	..	..	..	..	..
Old Age.....	10	17	..	5	5	..	..	..	..	..	..	..	1	9	9
Suicides.....	6	6	5.9	6	..	..	..	..	..	..	..	..	3	3	..
Other violent deaths.....	40	28	28.9	29	11	2	4	1	2	9	2	..	17	10	2
All other causes.....	73	67	..	36	37	7	6	2	2	17	..	11	19	20	6

\* This column contains the average number of deaths for the corresponding week of the past ten years, increased to correspond with the increase of population.

† This column gives the total number of deaths for the corresponding week of the previous year.

‡ Including premature births, atrophy, inanition, marasmus, atelectasis, cyanosis and preterm births.

§ Police Census, April 15, 1895, 1,851,060. Population of Annexed District estimated at 17,000 on July 1.

#### Causes of Death not Specified in the Foregoing Table.

Zymotic.—Erysipelas, 2; Syphilis, 2; Cerebro-spinal Fever, 5; Pyæmia, 1; Influenza, 2; Puerperal Fever, 5.  
 Dietetic.—Alcoholism, 5.  
 Constitutional.—Cancer, 18; Tubercular Meningitis, 12; Tuberculosis, etc., 8; Chronic Rheumatism, 2; Anæmia, 2; Rheumatism, 3; Diabetes, 2; Rickets, 2.  
 Nervous.—Cerebral Palsy, 1; Meningitis and Encephalitis, 14; Apoplexy, 27; Paralysis, 4; Insanity, 10; Softening of Brain, 1; Epilepsy, 1; Chronic Hydrocephalus, 2; Cerebral Tumor, 1; Cerebral Abscess, 1.  
 Circulatory.—Embolism, 1.  
 Respiratory.—Congestion of Lungs, 2; Emphysema, 3; Hydrothorax, 1; Pleurisy, 2; Chronic Bronchitis, 6; Gangrene of Lungs, 2.  
 Digestive.—Gastro-enteritis, 6; Gastritis, 5; Enteritis, 3; Cirrhosis, 6; Peritonitis, 2; Obstruction of Intestines, 2; Typhilitis, 6; Hernia, 4; Jaundice, 3; Ulcer of Stomach, 3; Ulceration of Intestines, 1; Ischio-rectal Abscess, 1; Glossitis, 1; Gangrenous Ulcer of Throat, 2.  
 Genito-urinary.—Bright's Disease, 38; Nephritis, 6; Diseases of Bladder and Prostate Gland, 4; Diseases of Uterus and Vagina, 1; Stricture of Urethra, 1; Pelvic Cellulitis, 1.  
 Integumentary.—Gangrenous Ulceration of the Extremities, 16; Burns and Scalds, 5; Suffocation, 4; Wounds, 1; Surgical Accidents, 2; Fractures and Contusions, 10.  
 Operations, 5; Ra. Irood, 3.  
 Other Causes.—Otitis, 2; Placenta Previa, 1; Miscarriage, 2; Post-partum Hemorrhage, 2; Puerperal Convulsions, 2; Childbirth, 3; Foramen Ovale Open, 3; Cleft Palate, 1; Spina Bifida, 1.  
 Homicide, 4.

#### Deaths According to Cause, Annual Rate per 1,000 and Age, with Meteorology and Number of Deaths in Public Institutions for 13 Weeks.

	WEEK ENDING—												
	Nov. 14.	Nov. 21.	Nov. 28.	Dec. 5.	Dec. 12.	Dec. 19.	Dec. 26.	Jan. 2, 1897.	Jan. 9.	Jan. 16.	Jan. 23.	Jan. 30.	Feb. 6.
Total deaths.....	627	566	602	570	647	625	603	667	738	700	703	758	742
Annual death-rate.....	16.73	15.10	16.05	15.19	17.23	16.63	16.04	17.73	19.61	18.59	18.66	20.11	19.64
Diphtheria.....	27	22	24	30	36	33	28	35	31	27	28	34	31
Croup.....	3	3	6	5	2	4	6	4	6	7	3	5	10
Malarial Fevers.....	1	1	2	1	1	1	1	2	2	1	3	1	2
Measles.....	4	4	..	3	4	6	7	5	8	6	5	4	5
Scarlet Fever.....	8	5	12	5	9	7	5	8	11	6	13	7	7
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	7	6	10	14	13	3	7	7	7	5	6	1	2
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough.....	1	5	5	5	4	3	2	4	2	7	4	6	5
Diarrhoeal Diseases.....	12	11	6	14	13	8	5	13	8	11	10	11	9
Phthisis.....	9	8	4	12	12	6	4	10	7	11	9	8	9
Bronchitis.....	70	78	82	69	81	97	83	93	99	89	77	120	106
Pneumonia.....	18	22	19	16	21	16	21	34	15	25	18	25	36
Other Diseases of Respiratory Organs.....	80	73	74	65	85	61	80	87	98	89	83	111	101
Violent Deaths.....	6	6	7	8	7	7	14	9	10	17	11	21	16
Under one year.....	145	131	121	111	136	117	121	147	131	135	157	179	172
Under five years.....	213	194	183	184	209	192	190	229	222	236	236	281	273
Five to sixty-five.....	347	305	333	322	355	305	334	361	417	385	389	385	383
Sixty-five years and over.....	67	67	86	64	83	68	79	77	98	78	78	92	85
In Public and Private Institutions.....	181	160	167	147	178	187	152	167	203	182	205	196	184
Inquest Cases.....	76	86	94	86	71	90	73	90	104	76	86	70	95
Mean barometer.....	29.933	30.096	30.229	30.177	29.849	29.837	29.994	30.458	29.997	29.966	29.858	29.812	30.076
Mean humidity.....	66	65	74	66	60	59	64	49	78	72	69	88	68
Inches of rain and snow.....	.27	..	.65	.66	.29	.57	.27	..	.66	..	1.79	.55	.66
Mean temperature (Fahrenheit).....	46.9°	49.1°	51.8°	52.5°	45.6°	35.3°	26.3°	33.7°	37.4°	31.4°	34.9°	19.1°	29.7°
Maximum temperature (Fahrenheit).....	60°	70°	72°	46°	55°	57°	38°	46°	55°	44°	51°	31°	44°
Minimum temperature (Fahrenheit).....	34°	34°	30°	21°	37°	23°	9°	14°	23°	16°	14°	6°	15°

#### Infectious and Contagious Diseases in Hospitals.

	WILLARD PARKER HOSPITAL.			RIVERSIDE HOSPITAL.
--	--------------------------	--	--	---------------------







Works be and he is hereby authorized and directed as soon as practicable to make such connections and readjustment of the water pipes for the distribution of the water supply as may be necessary or desirable by reason of such removal.

The Mayor stated that in the absence of the Comptroller he was authorized to have the Comptroller recorded in the affirmative on said resolutions.

And they were adopted by the following vote: Affirmative—The Mayor, Comptroller, President of the Board of Aldermen, President of the Department of Taxes and Assessments, and Counsel to the Corporation—5.

The following communications were received from the Department of Public Works:  
DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, February 9, 1897. Hon. WILLIAM L. STRONG, Mayor, and Chairman Board of Estimate and Apportionment:

DEAR SIR—I have the honor to call the special attention of your Board to the difficulties and obstacles which this Department encounters in its efforts to secure the proper restoration of pavements which are disturbed by plumbers in making excavations for house-connections with sewers and water-mains; by builders in excavating for cellars and vaults, and in depositing building materials on streets; by gas companies, subway companies and steam companies in placing and repairing their main conduits and house-connections, and by railroad companies in laying, altering and repairing car-tracks.

Sections 354 to 357 of the Revised Ordinances provide for a special fund from prepayments by plumbers and others for restoring pavements under permits issued by the Department, but they apply to only a fraction of the openings made in our pavements. In respect to other openings, the restoration of the pavements depends mainly on the good will of the parties by whom or for whose benefit the openings are made. This is a very insecure dependence, and there are very many instances in which the parties either refuse or neglect to make any restoration of pavement whatever, or make it in a very imperfect manner.

As the Department has hitherto had no fund or appropriation from which to pay the cost of properly restoring such pavements, except where prepayments have been made on permits, there are numerous cases in which the pavements are left in torn-up or disturbed condition for an indefinite time, to the great detriment of public travel, health and comfort, and to the discredit of the City. A flagrant case of this kind exists in front of Nos. 56 to 68 West Fifty-eighth street, where 149 square yards of asphalt pavement remain torn up through building operations, and the builders positively refuse to pay for the restoration of the pavement. The Counsel to the Corporation has been requested to sue the builders for the recovery of the cost of restoring the pavement, but, under present conditions, the Department can incur no expense until the successful termination of the suit, and payment of the money into the Special Fund. This case is cited only as an illustration of many similar ones.

It appears to me that sections 147, 322 and 323 of the Consolidation Act provide a prompt and complete remedy in all such cases.

Section 322 gives the Department of Public Works control and direction in the relaying of all pavements removed for any purpose whatever.

Section 323 authorizes the Commissioner of Public Works to have all such pavements properly relaid, if not relaid to his satisfaction within five days after notice to the parties by whom, or for whose benefit, they were removed; the cost thereof to be certified to the Comptroller and to become a lien on the premises for the benefit of which the pavement was removed, to be collected by the Collector of Assessments and Clerk of Arrears in the same manner as arrears of Croton water rents, and in the case of corporations or individuals, and not for the benefit of any house or lot, the cost to be paid by the Comptroller on the certificate of the Commissioner of Public Works, and to be collected by suit through the Counsel to the Corporation.

Section 147 directs the Comptroller to obtain the moneys to be paid under section 323 by the issue of bonds of the City, and sets apart the moneys collected under that section as a trust fund for the redemption of the principal and interest of the bonds.

I deem it of the utmost importance to the public interest and the proper maintenance of our pavements, that these provisions of the Consolidation Act be put in operation at once in all cases in which the provisions of the Revised Ordinances are not applicable or adequate to secure the proper restoration of pavements. I, therefore, respectfully ask that your Board authorize and direct the Comptroller to issue bonds in sufficient amounts, from time to time, to carry out the purposes of section 323 of the Consolidation Act, and that he be directed to begin such issue at once to a sufficient amount to place the sum of two thousand dollars to the credit of this Department, upon which to draw for expenditures incurred in advance of collections under the provisions of said sections, by which the City will be reimbursed and the fund become self-sustaining.

Very respectfully, CHARLES H. T. COLLIS, Commissioner of Public Works.

Referred to the Comptroller.

From the Department of Public Parks:  
DEPARTMENT OF PUBLIC PARKS, February 9, 1897. To the Board of Estimate and Apportionment:

GENTLEMEN—At a meeting of the Board of Parks, held on the 8th inst., the following preambles and resolution were adopted:

"Whereas, By the provisions of chapter 507, Laws of 1896, amending chapter 638 of the Laws of 1894, this Department, with the consent and approval of the Board of Estimate and Apportionment, is authorized to erect a new bridge connecting Pelham Bay Park with City Island on or near the site of the present City Island bridge; and

"Whereas, In view of the old and dilapidated condition of the present City Island bridge, and its importance as a much-used thoroughfare, the proposed new bridge is an urgent necessity.  
"Resolved, That the Board of Estimate and Apportionment be respectfully requested to give its consent to the erection of such new bridge, in accordance with plans and specifications, which shall first be submitted to the said Board for its approval, and that the Board of Estimate and Apportionment be also requested to authorize and direct the issue of bonds to an amount not exceeding two hundred and forty-nine thousand dollars, from time to time, in such sums as may be required for the necessary expenses of engineering and construction as provided by the act cited."

Respectfully, WILLIAM LEARY, Secretary.

Referred to the Comptroller.

From the Department of Public Parks:  
DEPARTMENT OF PUBLIC PARKS, February 9, 1897. Board of Estimate and Apportionment, City:

GENTLEMEN—At a meeting of the Board of Parks, held on the 8th inst., the following resolution was adopted:

Resolved, That the plan for slate platform step around the centre pool and the specifications for new radiators required for the Aquarium, this day submitted, be, and the same hereby are, approved and ordered transmitted to the Board of Estimate and Apportionment for approval, as required by chapter 254 of the Laws of 1893.

Please find herewith the plan and specifications referred to in the foregoing resolution.  
Respectfully, WILLIAM LEARY, Secretary.

Referred to the Comptroller.

On motion, the Board adjourned. E. P. BARKER, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT—CITY OF NEW YORK, MAYOR'S OFFICE, CITY HALL, Monday, February 15, 1897, 12.30 o'clock P. M.

The Board met in pursuance of the following call:

OFFICE OF THE MAYORALTY, EXECUTIVE DEPARTMENT, CITY HALL, NEW YORK, February 15, 1897.  
In pursuance of the authority contained in the 18th section of the New York City Consolidation Act of 1882, and chapter 106 of the Laws of 1893, a meeting is hereby called of the Mayor, Comptroller, President of the Board of Aldermen, President of the Department of Taxes and Assessments, and Counsel to the Corporation, constituting a Board of Estimate and Apportionment, to be held at the office of the Mayor on Monday, February 15, 1897, at 12.30 o'clock P. M., for the purpose of transacting such business as may be brought before the Board.  
W. L. STRONG, Mayor.

INDORSED:

Admission of a copy of the within as served upon this 15th day of February, 1897.  
W. L. STRONG, Mayor; ASHBEL P. FITCH, Comptroller; E. P. BARKER, President of the Department of Taxes and Assessments; FRANCIS M. SCOTT, Counsel to the Corporation.  
Present—William L. Strong, the Mayor; Ashbel P. Fitch, the Comptroller; Francis M. Scott, the Counsel to the Corporation.

Absent—John Jeroloman, the President of the Board of Aldermen; Edward P. Barker, the President of the Department of Taxes and Assessments.

On motion, the reading of the minutes of the meetings held February 8 and 11, 1897, was dispensed with.

The Mayor presented the following:

DEPARTMENT OF STREET CLEANING, NEW YORK, February 15, 1897. His Honor the Mayor, WILLIAM L. STRONG, Chairman, Board of Estimate and Apportionment:

DEAR SIR—I have to request a transfer of \$100,000 from the appropriation of the Department of Street Cleaning for 1897, account of "Sweeping," to the appropriation account of "Snow and Ice," for the reason that the balance remaining in the latter account is not sufficient for an exigency.  
Respectfully, GEO. E. WARING, Jr., Commissioner.

Whereupon the Counsel to the Corporation offered the following:

Resolved, That the sum of one hundred thousand dollars (\$100,000) be and the same is hereby transferred from the appropriation made to the Department of Street Cleaning for the year 1897, entitled "Sweeping," to the appropriation made to the same Department for the year 1897, entitled "Removal of Snow and Ice," the amount of said appropriation being insufficient.

Which was adopted by the following vote: Affirmative—The Mayor, Comptroller, and Counsel to the Corporation—3.

On motion the Board adjourned.

E. P. BARKER, Secretary.

## EXECUTIVE DEPARTMENT.

Pursuant to statutory requirement, notice is hereby given that an act has been passed by both branches of the Legislature, entitled AN ACT to amend chapter 224 of the Laws of 1896, entitled "An Act to lay out and establish a public park in the Twenty-third Ward of the City of New York, and for the improvement thereof."

Further notice is hereby given that a public hearing upon such bill will be held at the office of the Mayor, in the City Hall, in the City of New York, on March 1, 1897, at 2.30 o'clock P. M.

Dated CITY HALL, NEW YORK, February 25, 1897. W. L. STRONG, Mayor.

Pursuant to statutory requirement, notice is hereby given that an act has been passed by both branches of the Legislature, entitled AN ACT in relation to the office of Register in the County of New York.

Further notice is hereby given that a public hearing upon such bill will be held at the office of the Mayor, in the City Hall, in the City of New York, on March 1, 1897, at 3 o'clock P. M.

Dated CITY HALL, NEW YORK, February 25, 1897. W. L. STRONG, Mayor.

Pursuant to statutory requirement, notice is hereby given that an act has been passed by both branches of the Legislature, entitled AN ACT to authorize the Board of Revision and Correction of Assessments in the City of New York to determine and award damages for the changing of the original grade of Vanderbilt avenue, East, from One Hundred and Seventy-ninth street to Samuel street, in the City of New York.

Further notice is hereby given that a public hearing upon such bill will be held at the office of the Mayor, in the City Hall, in the City of New York, on March 1, 1897, at 3.30 o'clock P. M.

Dated CITY HALL, NEW YORK, February 25, 1897. W. L. STRONG, Mayor.

## ALDERMANIC COMMITTEES.

Ferries and Franchises. Public Works.  
FERRIES AND FRANCHISES—The Committee on Ferries and Franchises will hold a public meeting on Friday, February 26, 1897, at 2 o'clock P. M., in Room 13, City Hall, "in relation to establishing ferry from the bulkhead foot of Market street, East river, in the City of New York, to the City of Brooklyn."

PUBLIC WORKS—The Committee on Public Works will hold a meeting on Saturday, February 27, 1897, at 10.30 o'clock A. M., in Room 13, City Hall.

WM. H. TEN EYCK, Clerk, Common Council.

## OFFICIAL DIRECTORY.

Section 68 of chapter 410, Laws of 1882 (the Consolidation Act of the City of New York), provides that "there shall be published in the CITY RECORD, within the month of January in each year, a list of all subordinates employed in any department (except laborers), with their salaries, and residences by street numbers, and all changes in such subordinates or salaries shall be so published within one week after they are made. It shall be the duty of all the heads of departments to furnish to the person appointed to supervise the publication of the CITY RECORD everything required to be inserted therein."

JOHN A. SLEICHER, Supervisor City Record.  
Mayor's Office—No. 6 City Hall, 9 A. M. to 5 P. M. Saturdays, 9 A. M. to 12 M.  
Bureau of Licenses—No. 1 City Hall, 9 A. M. to 4 P. M.

Commissioners of Accounts—Stewart Building, 9 A. M. to 4 P. M.

Aqueduct Commissioners—Stewart Building, 5th floor, 9 A. M. to 4 P. M.

Board of Armory Commissioners—Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

Clerk of Common Council—No. 8 City Hall, 9 A. M. to 4 P. M.

Department of Public Works—No. 150 Nassau street, 9 A. M. to 4 P. M.

Department of Street Improvements, Twenty-third and Twenty-fourth Wards—No. 2622 Third avenue, 9 A. M. to 4 P. M.; Saturdays, 12 M.

Department of Buildings—No. 220 Fourth avenue, 9 A. M. to 4 P. M.

Comptroller's Office—No. 15 Stewart Building, 9 A. M. to 4 P. M.

Auditing Bureau—Nos. 19, 21 and 23 Stewart Building, 9 A. M. to 4 P. M.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents—Nos. 31, 33, 35, 37 and 39 Stewart Building, 9 A. M. to 4 P. M. No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets—Nos. 1 and 3 Stewart Building, 9 A. M. to 4 P. M. No money received after 2 P. M.

Bureau for the Collection of Taxes—Stewart Building, 9 A. M. to 4 P. M. No money received after 2 P. M.

City Chamberlain—Nos. 25 and 27 Stewart Building, 9 A. M. to 4 P. M.

City Paymaster—Stewart Building, 9 A. M. to 4 P. M.

Counsel to the Corporation—Staats-Zeitung Building, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

Corporation Attorney—No. 119 Nassau street, 9 A. M. to 4 P. M.

Attorney for Collection of Arrears of Personal Taxes—Stewart Building, 9 A. M. to 4 P. M.

Bureau of Street Openings—Nos. 90 and 92 West Broadway.

Public Administrator—No. 119 Nassau street, 9 A. M. to 4 P. M.

Department of Charities—Central Office, No. 66 Third avenue, 9 A. M. to 4 P. M.

Department of Correction—Central Office, No. 148 East Twentieth street, 9 A. M. to 4 P. M.

Examining Board of Plumbers—Meets every Thursday, at 2 P. M. Office, No. 220 Fourth avenue, sixth floor.

Fire Department—Headquarters, Nos. 157 to 159 East Sixty-seventh street, 9 A. M. to 4 P. M.; Saturdays, 12 M. Central Office open at all hours.

Health Department—New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.

Department of Public Parks—Arsenal, Central Park, Sixty-fourth street and Fifth avenue, 10 A. M. to 4 P. M.; Saturdays, 12 M.

Department of Docks—Battery, Pier A, North river, 9 A. M. to 4 P. M.

Department of Taxes and Assessments—Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 12 M.

Board of Electrical Control—No. 1262 Broadway.

Department of Street Cleaning—No. 32 Chambers street, 9 A. M. to 4 P. M.

Civil Service Board—Criminal Court Building, 9 A. M. to 4 P. M.

Board of Estimate and Apportionment—Stewart Building.

Board of Assessors—Office, 27 Chambers street, 9 A. M. to 4 P. M.

Police Department—Central Office, No. 300 Mulberry street, 9 A. M. to 4 P. M.

Board of Education—No. 146 Grand street.

Sheriff's Office—Old "Brown Stone Building," No. 32 Chambers street, 9 A. M. to 4 P. M.

Register's Office—East side City Hall Park, 9 A. M. to 4 P. M.

Commissioner of Jurors—Room 127, Stewart Building, 9 A. M. to 4 P. M.

County Clerk's Office—Nos. 7 and 8 New County Court-house, 9 A. M. to 4 P. M.

District Attorney's Office—New Criminal Court Building, 9 A. M. to 4 P. M.

The City Record Office—No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays, 9 A. M. to 12 M.

Governor's Room—City Hall, open from 10 A. M. to 4 P. M.; Saturdays, 10 to 12 A. M.

Coroner's Office—New Criminal Court Building, open constantly. Edward F. Reynolds, Clerk.

Surrogate's Court—New County Court-house. 10.30 A. M. to 4 P. M.

Appellate Division, Supreme Court—Court-house, No. 111 Fifth avenue, corner Eighteenth street. Court opens at 1 P. M.

Supreme Court—County Court-house, 10.30 A. M. to 4 P. M.

Criminal Division, Supreme Court—New Criminal Court Building, Centre street, opens at 10.30 A. M.

Court of General Sessions—New Criminal Court Building, Centre street. Court opens at 11 o'clock A. M.; adjourns 4 P. M. Clerk's Office, 10 A. M. till 4 P. M.

City Court—City Hall. General Term, Room No. 20 Trial Term, Part I, Room No. 20; Part II, Room No. 21; Part III, Room No. 15; Part IV, Room No. 11.

Special Term Chambers will be held in Room No. 19 10 A. M. to 4 P. M. Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.

Court of Special Sessions—New Criminal Court Building, Centre street. Opens daily, except Saturday, at 10 A. M. Clerk's office hours daily, except Saturday, from 9 A. M. until 4 P. M.; Saturdays, 9 A. M. until 12 M.

District Civil Courts—First District—Southwest corner of Centre and Chambers streets. Clerk's office open from 9 A. M. to 4 P. M. Second District—Corner of Grand and Centre streets. Clerk's Office open from 9 A. M. to 4 P. M. Third District—Southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Fourth District—No. 30 First street. Court opens 9 A. M. daily. Fifth District—No. 154 Clinton street. Sixth District—Northwest corner Twenty-third street and Second avenue. Court opens 9 A. M. daily. Seventh District—No. 151 East Fifty-seventh street. Court opens 9 o'clock (except Sundays and legal holidays). Eighth District—Northwest corner of Twenty-third street and Eighth avenue. Court opens 9 A. M. Trial days: Wednesdays, Fridays and Saturdays. Return days: Tuesdays, Thursdays and Saturdays. Ninth District—No. 170 East One Hundred and Twenty-first street. Court opens every morning at 9 o'clock (except Sundays and legal holidays). Tenth District—Corner of Third avenue and One Hundred and Fifty-eighth street, 9 A. M. to 4 P. M. Eleventh District—No. 919 Eighth avenue. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M. Twelfth District—Westchester, New York City. Open daily (Sundays and legal holidays excepted), from 9 A. M. to 4 P. M. Thirteenth District—Corner Columbus avenue and One Hundred and Twenty-sixth street. Court open daily (Sundays and legal holidays excepted), from 9 A. M. to 4 P. M.

City Magistrates' Courts—Office of Secretary, Fifth District Police Court, One Hundred and Twenty-fifth street, near Fourth avenue. First District—Tombs, Centre street. Second District—Jefferson Market. Third District—No. 69 Essex street. Fourth District—Fifty-seventh street, near Lexington avenue. Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place. Sixth District—One Hundred and Fifty-eighth street and Third avenue.

DAMAGE COMM.—23-24 WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 of the Laws of 1893, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 721 of the Laws of 1887, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in the City of New York, or otherwise," and the acts amendatory thereof and supplemental thereto, notice is hereby given, that public meetings of the Commissioners, appointed pursuant to said acts, will be held at Room 58, Schermerhorn Building, No. 96 Broadway, in the City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.

Dated NEW YORK, October 30, 1895.

DANIEL LORD, JAMES M. VARNUM, GEORGE W. STEPHENS, Commissioners.

LAMONT McLOUGHLIN, Clerk.

## BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED

by the Committee on Buildings of the Board of Education of the City of New York, at the Hall of the Board, No. 146 Grand street, until 3.30 o'clock P. M., on Tuesday, March 9, 1897, for supplying Work and Material for Erecting an Addition to Grammar School Building No. 13, on southeast corner of Houston and Essex streets.

Plans and specifications may be seen, and blank proposals obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Committee reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the Committee and Superintendent of School Buildings.

It is required, as a condition precedent to the reception or consideration of any proposals, that a certified check



upon or a certificate of deposit of one of the State or National banks or Trust Companies of the City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

EDWARD H. PEASLEE, ROBERT MACLAY, DANIEL E. MCWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.  
Dated New York, February 26, 1897.

**SEALED PROPOSALS WILL BE RECEIVED BY** the Committee on Buildings of the Board of Education of the City of New York, at the Hall of the Board, No. 146 Grand street, until 3:30 o'clock P. M. on Tuesday, March 9, 1897, for Supplying New Furniture for old school buildings.

Plans and specifications may be seen and blank proposals obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Committee reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the Committee and Superintendent of School Buildings.

It is required as a condition precedent to the reception or consideration of any proposals, that a certified check upon or a certificate of deposit of one of the State or National banks or Trust Companies of the City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

EDWARD H. PEASLEE, ROBERT MACLAY, DANIEL E. MCWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.  
Dated New York, February 26, 1897.

**SEALED PROPOSALS WILL BE RECEIVED BY** the Committee on Buildings of the Board of Education of the City of New York, at the Hall of the Board, No. 146 Grand street, until 3:30 o'clock P. M. on Monday, March 8, 1897, for Supplying Work and Materials for Erecting New Wing to and Improving Premises of Primary School No. 31, at Nos. 268-272 Second street.

Plans and specifications may be seen and blank proposals obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Committee reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the Committee and Superintendent of School Buildings.

It is required as a condition precedent to the reception or consideration of any proposals, that a certified check upon or a certificate of deposit of one of the State or National banks or Trust Companies of the City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

EDWARD H. PEASLEE, ROBERT MACLAY, DANIEL E. MCWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.  
Dated New York, February 26, 1897.

**SEALED PROPOSALS WILL BE RECEIVED BY** the Committee on Buildings of the Board of Education of the City of New York, at the Hall of the Board, No. 146 Grand street, until 3:30 o'clock P. M. on Monday, March 8, 1897, for Supplying Work and Materials for Erecting New Wing to and Improving Premises of Primary School No. 31, at Nos. 268-272 Second street.

Plans and specifications may be seen and blank proposals obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Committee reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the Committee and Superintendent of School Buildings.

It is required as a condition precedent to the reception or consideration of any proposals, that a certified check upon or a certificate of deposit of one of the State or National banks or Trust Companies of the City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

EDWARD H. PEASLEE, ROBERT MACLAY, DANIEL E. MCWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.  
Dated New York, February 26, 1897.

**SEALED PROPOSALS WILL BE RECEIVED BY** the Committee on Buildings of the Board of Education of the City of New York, at the Hall of the Board, No. 146 Grand street, until 3:30 o'clock P. M. on Tuesday, March 2, 1897, for Work and Materials for a School Building to be erected on the block bounded by East Broadway, Gouverneur, Henry and Scammel streets, New York City.

Plans and specifications may be seen and blank proposals obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The party submitting a proposal must distinctly state therein the amount of the proposal or bid, and the

period of time, calculated in weeks, in which he proposes to erect and complete the building according to the plans and specifications. In awarding the contract, the amount of the proposal or bid, together with the length of time specified therein, will be taken into consideration.

The Committee reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the Committee and Superintendent of School Buildings.

It is required as a condition precedent to the reception or consideration of any proposals, that a certified check upon or a certificate of deposit of one of the State or National banks or Trust Companies of the City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

EDWARD H. PEASLEE, ROBERT MACLAY, DANIEL E. MCWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.  
Dated New York, February 17, 1897.

**SEALED PROPOSALS WILL BE RECEIVED BY** the Committee on Buildings of the Board of Education of the City of New York, at the Hall of the Board of Education, No. 146 Grand street, until 3:30 o'clock P. M. on Tuesday, March 2, 1897, for Supplying Furniture for the New School Building on Mosholu Parkway, between Briggs and Bainbridge avenues, Bedford Park.

Plans and specifications may be seen and blank proposals obtained at the office of the Superintendent of School Buildings, No. 146 Grand street, third floor.

The Committee reserve the right to reject any or all of the proposals submitted.

The party submitting a proposal, and the parties proposing to become sureties, must each write his name and place of residence on said proposal.

Two responsible and approved sureties, residents of this city, are required in all cases.

No proposal will be considered from persons whose character and antecedent dealings with the Board of Education render their responsibility doubtful.

The party submitting a proposal must include in his proposal the names of all sub-contractors, and no change will be permitted to be made in the sub-contractors named without the consent of the Committee and Superintendent of School Buildings.

It is required as a condition precedent to the reception or consideration of any proposals, that a certified check upon or a certificate of deposit of one of the State or National banks or Trust Companies of the City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and to an amount of not less than five per cent. of such proposal when said proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of the City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

EDWARD H. PEASLEE, ROBERT MACLAY, DANIEL E. MCWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.  
Dated New York, February 16, 1897.

**DEPARTMENT OF PUBLIC PARKS**

DEPARTMENT OF PUBLIC PARKS, ARSENAL, CENTRAL PARK, NEW YORK, February 15, 1897.

**TO CONTRACTORS.**

**SEALED BIDS OR ESTIMATES, WITH THE** title of the work and the name of the bidder indorsed thereon, will be received by the Department of Public Parks, at its offices, Arsenal Building, Sixth Avenue, and Fifth Avenue, Central Park, until 2 o'clock P. M., on Monday, March 1, 1897, for the following named works:

No. 1. FOR FACING WITH RUBBLE-STONE AND ROCK WORK AND WALLS THE SLOPE OF "THE POOL," NEAR ONE HUNDRED AND SECOND STREET AND EIGHTH AVENUE, IN THE CENTRAL PARK.

No. 2. FOR FURNISHING AND DELIVERING SCREENED GRAVEL WHERE REQUIRED, ON THE CENTRAL PARK AND RIVERSIDE PARK AND AVENUE.

No. 3. FOR AN ADDITION, ETC., TO THE LADIES' COTTAGE ON THE EAST SIDE OF CENTRAL PARK, NEAR SIXTY-FIFTH STREET.

No. 4. FOR EXCAVATING AND REMOVING EARTH, FURNISHING AND PUTTING IN PLACE GRAVEL AND MOULD, FURNISHING AND LAYING SOD, AND FURNISHING AND DELIVERING TREES AND TREE GUARDS, WHERE REQUIRED, ON CATHEDRAL PARKWAY, IN THE CITY OF NEW YORK.

No. 5. FOR FURNISHING AND DELIVERING MANURE WHERE REQUIRED ON THE PARKS.

No. 6. FOR FURNISHING AND DELIVERING GARDEN MOULD WHERE REQUIRED ON THE PARKS.

The estimates of the several works (which must be bid separately) upon which the bids will be tested, are as follows:

No. 1. ABOVE MENTIONED.  
600 cubic yard of rubble-stone facing, rock work and dry rubble walls in place.

The work to be commenced within ten days after the execution of the contract, and to be fully completed on or before the first day of May eighteen hundred and ninety-seven, and the damages to be paid by the Contractor for each day that the contract, or any part there-

of, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Ten Dollars per day.

The amount of security required is Twenty-five Hundred Dollars.

No. 2. ABOVE MENTIONED.  
10,000 cubic yards double screened gravel for roads and drives.

The contractor will be required to deliver the above material in such quantities and on the line of such roads in the Central Park, and on Riverside Park and avenue, as may from time to time be designated.

The amount of security required is Ten Thousand Dollars.

No. 3. ABOVE MENTIONED.  
Bidders are required to state, in writing, and also in figures, in their proposals, one price or sum for which they will execute the entire work. The time allowed to complete the whole work will be two calendar months, and the damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at ten dollars per day.

The amount of security required is Five Hundred Dollars.

No. 4. ABOVE MENTIONED.  
740 cubic yards of earth to be excavated and removed, 740 cubic yards of gravel to be furnished and spread, 400 cubic yards of mud to be furnished and spread, 144 trees to be furnished and delivered, 144 tree guards to be furnished and delivered, 23,000 square feet of sodding to be furnished and laid. The trees must be delivered on or before April 1, 1897, and the entire work must be completed on or before May 15, 1897.

The penalty for overtime is fixed at \$20 per day. The amount of security required is Two Thousand Dollars.

No. 5. ABOVE MENTIONED.  
250,000 bushels of fine shoo-out horse manure to be furnished and delivered on Van Cortlandt Park, and 80,000 bushels of thoroughly decomposed stable manure, to be furnished and delivered approximately as follows:

On Central, Morningside, Riverside, East River and Mount Morris Parks, 50,000 bushels.

On parks south of Fifty-ninth street, 30,000 bushels. The manure shall be delivered on the several parks in the order designated by the Superintendent of Parks, at such times, in such quantities and at such points of delivery as he may determine, all to be delivered on or before December 1, 1897.

All manure delivered under this contract to be equal in all respects to the samples exhibited at the Arsenal Building, Central Park.

The amount of security required is Five Thousand Dollars.

No. 6. ABOVE MENTIONED.  
5,000 cubic yards of garden mould to be furnished and delivered on the Central and other parks in such quantities and at such times and places as may be designated. All the material to be delivered on or before December 1, 1897.

The amount of security required is Three Thousand Dollars.

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the nature and extent of the work, and shall not, any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

The estimates received will be publicly opened by the head of the said Department at the place and hour last above mentioned and read.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested.

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting, the amount to be calculated upon the estimated amount of the work by which the bids are tested.

No estimate will be considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

No. 7. THE PRICES must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called, or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received, but the contract when awarded will be awarded to the lowest bidder.

Blank forms for proposals and forms of the several contracts which the successful bidder will be required to execute, can be had, the plans can be seen and information relative to them can be had at the office of the Department, Arsenal, Central Park.

SAMUEL McMILLAN, S. V. CRUGER, WILLIAM A. STILES, SMITH ELY, Commissioners of Public Parks.

## DEPARTMENT OF PUBLIC WORKS

**NOTICE OF SALE AT PUBLIC AUCTION.** NEW YORK, FEBRUARY 18, 1897. ON WEDNESDAY, March 3, 1897, at 11 o'clock A. M., the Department of Public Works will sell at public auction, under the direction of the Consulting Engineer, by Messrs. L. J. Phillips & Co., Auctioneers, the buildings and parts of buildings herein described, viz:

On Audubon Avenue, between Kingsbridge Road and One Hundred and Seventy-fifth Street.

Part of two-story frame dwelling, 27.8' by 33.6', and 38.11'.

Part of two-story frame dwelling, triangular piece, 2 feet by 8 feet.

Part of two-story frame stable, 24.3' by 11.4'.

One-story frame stable, 14.7' by 10.4'.

One-story frame shed, 12.2' by 22 feet; and 12.3' by 10 feet.

Frame shed, 30.8' by 7.5'.

Two-story frame dwelling, 22.4' by 18.2'.

One and one-half story frame dwelling, 15 feet by 20.3'.

One-story frame blacksmith shop, 40.4' by 16.4'.

On Edgecombe Avenue, near One Hundred and Fifty-fifth Street.

Part of one-story frame building, 82.99' by 0' by 1.75'.

Two-story brick stable, 49.10' by 24.83'.

One-story shed, 48.30' by 20.10'.

One-story shed extension, 14.30' by 12.15'.

One-story stable, 12.80' by 12.71'.

One-story stable, 15.41' by 12.86'.

On Edgecombe Avenue, near Jewel Place.

Part of one-story bowling alley, 5 feet by 11.27'.

One-story shed and stable, 54.70' by 18 feet by 49 feet.

**TERMS OF SALE:** Cash payment in bankable funds at the time and place of sale, and the entire removal of the buildings, or parts of buildings, sheds, etc., from the streets by the purchaser or purchasers within twenty days after the sale. If the purchaser or purchasers fails or fail to effect the removal within that time, he or they shall forfeit his or their purchase-money or moneys and the ownership of the buildings, parts of buildings, sheds, etc., or any part thereof.

CHARLES H. T. COLLIS, Commissioner of Public Works.

COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, February 17, 1897.

**TO CONTRACTORS.**

**BIDS OR ESTIMATES, INCLOSED IN A** sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at No. 150 Nassau street, corner of Spruce street, in the Chief Clerk's Office, Room No. 1704-7, until 12 o'clock A. M. on Wednesday, March 3, 1897. The bids will be publicly opened by the head of the Department, in the basement at No. 150 Nassau street, at the hour above mentioned.

No. 1. FOR FURNISHING AND DELIVERING TO THE DEPARTMENT OF PUBLIC WORKS ABOUT ONE THOUSAND (1,000) CUBIC YARDS OF BROKEN STONE OF TRAP ROCK; ALSO ABOUT ONE THOUSAND (1,000) YARDS OF SCREENINGS OF TRAP ROCK.

No. 2. FOR FURNISHING AND DELIVERING TO THE DEPARTMENT OF PUBLIC WORKS ABOUT TWENTY-FIVE HUNDRED (2,500) CUBIC YARDS OF GRAVEL; ALSO ABOUT TWENTY-FIVE HUNDRED (2,500) CUBIC YARDS OF GRAVEL SCREENINGS SUITABLE FOR ROAD SURFACING.

No. 3. FOR REPAIRING THE FREE FLOATING BATHS.

No. 4. FOR SEWERS IN ONE HUNDRED AND ELEVENTH STREET, between Amsterdam and Riverside avenues.

No. 5. FOR SEWER IN ONE HUNDRED AND TWELFTH STREET, between Riverside avenue and Boulevard.

No. 6. FOR SEWERS IN ONE HUNDRED AND EIGHTY-SECOND STREET, between Amsterdam avenue and Kingsbridge road.

No. 7. FOR SEWER IN FIFTH AVENUE, WEST SIDE, between Fifty-fourth and Fifty-fifth streets.

No. 8. FOR ALTERATION AND IMPROVEMENT TO SEWER IN PARK AVENUE, EAST SIDE, between sixty-sixth and Seventieth streets, and to curves at Sixty-sixth, Sixty-seventh, Sixty-eighth and Sixty-ninth streets.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him therein, and if no other person be so interested, it shall distinctly state that fact; 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 Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or in the work to which it relates or in any portion of the profits thereof.

Each estimate must be verified by the oath, in writing, of the party making the same, that the several matters therein stated are true, and must be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall refuse or neglect to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled upon its completion, and that which the Corporation may be obliged to pay to the person to whom the contract shall be awarded at any subsequent letting, the amount to be calculated upon the estimated amount of the work by which the bids are tested.

No estimate will be considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in a sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

The Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received, but the contract when awarded will be awarded to the lowest bidder.



**THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.**

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained in Rooms Nos. 1701 and 1703.

CHARLES H. T. COLLIS, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, August 6, 1896.

**NOTICE IS HEREBY GIVEN THAT THE** charge for vault permits is fixed at the rate of \$2 per square foot, under and pursuant to ordinance of the Common Council relating thereto.

HOWARD PAYSON WILDS, Deputy Commissioner of Public Works.

**NOTICE TO PROPERTY-OWNERS, BUILDERS, FLAGGERS AND OTHERS.**

**NOTICE IS HEREBY GIVEN THAT THE** practice of placing concrete or other friable curbs on the streets of this city is in contravention of chapter 6, Article 7, section 105, Revised Ordinances of 1880, which reads: "All curbs-stones \* \* \* shall be of the best hard blue or gray granite." And this Department will find it necessary to prosecute to the full penalty imposed by law persons setting or making such curbs, whether they have broken up or removed the curbs-stones provided by the City or not.

Further notice is given that this Department will in no case entertain claims or damages to concrete or other artificial sidewalks that are caused by repair or setting of hydrants, or by other work which the City does for the general good.

CHARLES H. T. COLLIS, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE, NEW YORK, October 29, 1896.

**NOTICE IS HEREBY GIVEN THAT ALL OR-** diances of the Common Council, approved December 31, 1880, and subsequent thereto, in relation to the use and occupancy of sidewalks, must be complied with, and that all hoistways must occupy only such space of the sidewalk as is authorized by special ordinance of the Common Council, passed March 30, 1886, viz.: "Hoistways may be placed within the stoop-lines, but in no case to extend beyond five feet from the house-line, and shall be guarded by iron railings or rods to prevent accidents to passers-by."

You are further notified that all violations now existing of such ordinances must be removed, and that all conditions set forth in permits granted for vault or other purposes must be complied with within sixty days. The special ordinances permitting court-yard inclosures give no right to occupy this space otherwise.

CHARLES H. T. COLLIS, Commissioner of Public Works.

## STREET CLEANING DEPT.

DEPARTMENT OF STREET CLEANING, No. 32 CHAMBERS STREET.

**CONTRACT FOR CONSTRUCTING A STEAM GENERATOR FOR BURNING PAPER IN A YARD OF THE DEPARTMENT OF STREET CLEANING, SOUTH OF EAST EIGHTEENTH STREET AND EAST OF AVENUE C.**

### PUBLIC NOTICE.

**ESTIMATES INCLOSED IN SEALED PRO-** posals for making, building, furnishing and erecting a Colwell Steam Generator for burning paper and other light refuse in a yard of the Department of Street Cleaning, south of East Eighteenth street and east of Avenue C, will be received by the Commissioner of Street Cleaning at the office of said Department, No. 32 Chambers street, in the City of New York, until 12 o'clock M., Tuesday, March 9, 1897, at which place and time they will be publicly opened by the Commissioner of Street Cleaning and read.

No estimate will be received or considered after the hour mentioned.

Forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the above shall present the same in a sealed envelope to said Commissioner of Street Cleaning at his office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The Commissioner of Street Cleaning reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested it shall distinctly state that fact; 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of two hundred (\$200) dollars.

Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

GEO. E. WARING, JR., Commissioner of Street Cleaning.

been examined by said officer or clerk and found to be correct.

All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded.

If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York, as liquidated damages for such neglect or refusal, but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

GEO. E. WARING, JR., Commissioner of Street Cleaning.

Dated New York, February 17, 1897.

**SEALED PROPOSALS FOR FURNISHING THE** Department of Street Cleaning with the following articles:

1,700 Spruce Plank, 3" x 12" x 16', 51,600 feet; 300 Spruce Plank, 3" x 12" x 21', 18,900 feet; 500 Spruce Joists, 3" x 4" x 16', 8,000 feet; 1,000 Spruce Joists, 2" x 4" x 16', 10,666 2/3 feet; 600 Spruce Plank, 2" x 10" x 16', 14,400 feet; 600 Spruce Plank, 2" x 10" x 16', 16,000 feet; 600 Spruce Plank, 2" x 12" x 16', 19,200 feet; will be received by the Commissioner of Street Cleaning, at the office of said Department, No. 32 Chambers street, in the City of New York, until 12 o'clock M., Wednesday, March 3, 1897, at which time and place they will be publicly opened by the Commissioner of Street Cleaning and read.

All of the articles are to be delivered at the Dumps and Stables of the Department of Street Cleaning in various places of the city, as will be required, in such quantities and at such times as may be directed.

No estimate will be received or considered after the day and hour mentioned.

The form of the agreement, with specifications, showing the manner of payment for the articles, may be seen and forms of proposals may be obtained at the office of the Department.

Proposals must include all the items, specifying the price per thousand feet of spruce planks and spruce joists, as above mentioned.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the above must present the same in a sealed envelope to said Commissioner of Street Cleaning, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Commissioner of Street Cleaning reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested it shall distinctly state that fact; 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of one thousand seven hundred and fifty (\$1,750) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested.

The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either 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 to the amount of eighty-seven and fifty hundredths dollars (\$87.50). Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct.

All such deposits except that of the successful bidder will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

GEO. E. WARING, JR., Commissioner of Street Cleaning.

DEPARTMENT OF STREET CLEANING, No. 32 CHAMBERS STREET, NEW YORK, February 17, 1897.

**TO CONTRACTORS.**

**SEALED PROPOSALS FOR FURNISHING THE** Department of Street Cleaning with the following: Two (2) DeLahanty Self-propelling Automatic Dumpers, capable of containing not less than three hundred tons or six hundred cubic yards of street sweepings, ashes, garbage and refuse, and to be in all respects seaworthy, will be received by the Commissioner of Street Cleaning, at the office of said Department, No. 32 Chambers street, in the City of New York, until 12 o'clock M., March 2, 1897, at which time and place they will be pub-

licly opened by the Commissioner of Street Cleaning and read.

No estimate will be received or considered after the hour mentioned.

Forms of proposals may be obtained at the office of the Department.

Bidders will write out the amount of their estimate in addition to inserting the same in figures.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the above shall present the same in a sealed envelope to said Commissioner of Street Cleaning, at his office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The Commissioner of Street Cleaning reserves the right to decline any and all bids or estimates if deemed to be for the public interest. No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same; the names of all persons interested with him or them therein; and if no other person be so interested it shall distinctly state that fact; 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of forty thousand (\$40,000) dollars; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested.

The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York before the award is made and prior to the signing of the contract.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of two thousand (\$2,000) dollars. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it, and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

GEO. E. WARING, JR., Commissioner of Street Cleaning.

**PERSONS HAVING BULKHEADS TO FILL, IN** the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, in the Criminal Court Building.

GEO. E. WARING, JR., Commissioner of Street Cleaning.

## FINANCE DEPARTMENT.

**NOTICE TO PROPERTY-OWNERS.** IN PURSUANCE OF SECTION 916 OF THE "New York City Consolidation Act of 1882," the Comptroller of the City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments, viz.:

### FIRST WARD.

**CUYLER'S ALLEY—PAVING,** between Water and South streets. Area of assessment: Both sides of Cuyler's alley, between Water and South streets, and to the extent of half the block on the intersecting and terminating streets.

**DEPEYSTER STREET—PAVING,** between Water and South streets. Area of assessment: Both sides of Depew street, between Water and South streets, and to the extent of half the block on the intersecting and terminating streets.

**BURLING SLIP AND JOHN STREET—PAVING AND LAYING CROSSWALKS** between Pearl and South streets. Area of assessment: Both sides of Burling Slip and John street, between Pearl and South streets, and to the extent of half the block on the intersecting and terminating streets.

**GREENWICH STREET—PAVING,** from Battery place to Fulton street (so far as the same is within the limits of grants of land under water). Area of assessment: West side of Greenwich street, extending about 58 feet south of Albany street, and south side of Albany street, extending about 136 feet west of Greenwich street.

**FIRST, THIRD, FIFTH, EIGHTH AND NINTH WARD.**

**WEST STREET—PAVING,** from Battery place to Gansevoort street, and LAYING CROSSWALKS. Area of assessment: Both sides of West street, from Battery place to Gansevoort street, and to the extent of half the block on the intersecting and terminating streets, including also the piers and bulkheads on the westerly side of West street.

### SECOND WARD.

**FLETCHER STREET—PAVING AND LAYING CROSSWALKS** between Pearl and South streets. Area of assessment: Both sides of Fletcher street, between Pearl and South streets, and to the extent of half the block on the intersecting and terminating streets.

### THIRD WARD.

**COLLEGE PLACE—REGULATING, GRADING, CURBING AND FLAGGING** the widening and extension of, from Chambers street to Dey street. Area of assessment: Both sides of College place, between Chambers and Dey streets.

**GREENWICH STREET—PAVING,** from the south side of Vesey street to the north side of Barclay street, and LAYING CROSSWALKS. Area of assessment: West side of Greenwich street, between Vesey and Barclay streets, and north side of Vesey street and south side of Barclay street, between Greenwich and Washington streets.

**WEST BROADWAY—FLAGGING** (east side), between Vesey and Barclay streets. Area of assessment: East side of West Broadway, between Vesey and Barclay streets, on Ward Nos. 144 1/2, 807 and 893.

### SEVENTH WARD.

**JACKSON SLIP—PAVING,** between Water and South streets, and LAYING CROSSWALKS. Area of assessment: Both sides of Jackson Slip from a point commencing about 50 feet west of Front street to South street, and to the extent of half the blocks on the intersecting and terminating streets.

**WATER STREET—SEWERS** between Market Slip and Jefferson street. Area of assessment: Both sides of Water street, from Market Slip to Jefferson street.

**ELEVENTH AND SEVENTEENTH WARDS.**

**STANTON STREET—SEWER OUTLET EXTENSION,** East river. Area of Assessment: Both sides of Stanton street, from the Bowery to the East river; west side of Toopkins street, extending about 200 feet southerly from Stanton street; both sides of Mangin street, extending about 230 feet southerly and about 200 feet northerly from Stanton street; both sides of Goerck street, extending about 200 feet northerly and about 254 feet southerly from Stanton street; both sides of Lewis street, extending about 270 feet southerly from Stanton street; both sides of Cannon street, extending from a point about 257 feet northerly from Stanton street to Rivington street; both sides of Columbia street, from a point about 132 feet northerly from Stanton street to Rivington street; both sides of Sheriff street, extending about 240 feet southerly from Stanton street; both sides of Willet street, extending about 235 feet southerly from Stanton street; both sides of Pit street, Ridge street, Attorney street, Clinton street, Suffolk street and Norfolk street, extending from Stanton to Rivington street; both sides of Essex and Ludlow streets, from Houston to Rivington street; both sides of Orchard street, extending from a point about 228 feet northerly from Stanton street to Rivington street; both sides of Allen street, extending from a point about 215 feet northerly from Stanton street to Rivington street; both sides of Eldridge street, from a point about 222 feet northerly from Stanton street to a point about 270 feet southerly from Stanton street; both sides of Forsyth street, from a point about 156 feet northerly from Stanton street to Rivington street; and both sides of Chrystie street, from a point about 128 feet northerly from Stanton street to a point about 204 feet southerly from Stanton street.

### TWELFTH WARD.

**BOULEVARD—FLAGGING** (west side), between Ninety-sixth and One Hundred and Third streets. Area of assessment: West side of Boulevard, between Ninety-seventh and One Hundred and Second streets, on Lots numbered 13 and 52, of Block 1869; Lot No. 52, of Block 1870; Lots numbered 12, 13, 52, 53, 54 and 55, of Block 1871; Lots numbered 10, 11, 12, 13, 52, 53, 54 and 55, of Block 1872; and Lot No. 52, of Block 1873.

**COLUMBUS AVENUE—PAVING AND LAYING CROSSWALKS,** between One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets. Area of assessment: Both sides of Columbus avenue, between One Hundred and Twenty-sixth and One Hundred and Twenty-seventh streets, and to the extent of half the blocks on the terminating streets.

**CONVENT AVENUE—PAVING,** between One Hundred and Forty-fifth and One Hundred and Forty-sixth streets, area of assessment: Both sides of Convent avenue, between One Hundred and Forty-fifth and One Hundred and Forty-sixth streets, and to the extent of half the blocks on the terminating streets.

**ISHAM STREET—REGULATING, GRADING, CURBING AND FLAGGING,** from Kingsbridge road to Tenth avenue. Area of assessment: Both sides of Isham street, from Kingsbridge road to Tenth avenue, and to the extent of half the blocks on the intersecting and terminating avenues.

**JUMEL TERRACE—PAVING AND LAYING CROSSWALKS,** between One Hundred and Sixtieth and One Hundred and Sixty-second streets. Area of assessment: Both sides of Jumel Terrace, between One Hundred and Sixtieth and One Hundred and Sixty-second streets, and to the extent of half the blocks on the intersecting and terminating streets.

**MANHATTAN AVENUE—PAVING,** between One Hundredth and One Hundred and Third streets. Area of assessment: Both sides of Manhattan avenue, between One Hundredth and One Hundred and Third streets, and to the extent of half the blocks on the intersecting and terminating streets.

**MANHATTAN AVENUE—PAVING,** between One Hundred and Sixth and One Hundred and Tenth streets. Area of assessment: Both sides of Manhattan avenue, between One Hundred and Sixth and One Hundred and Tenth streets, and to the extent of half the blocks on the intersecting and terminating streets.

**PLEASANT AVENUE—SEWERS** between One Hundred and Fourteenth and One Hundred and Fifteenth streets. Area of assessment: Both sides of Pleasant avenue, between One Hundred and Fourteenth and One Hundred and Fifteenth streets, extending about 95 feet east of Pleasant avenue.

**PLEASANT AVENUE—PAVING,** between One Hundred and Fourteenth and One Hundred and Fifteenth streets. Area of assessment: Both sides of Pleasant avenue, from One Hundred and Fourteenth street to a point about 100 feet north of One Hundred and Fifteenth street, and to the extent of half the blocks on the intersecting streets.

**ST. NICHOLAS AVENUE—CROSSWALK,** at north side of One Hundred and Sixteenth street. Area of assessment: Lots numbered 15, 16, 17, 18, 19, 20 and 36 of Block 1922.

**SEVENTH AVENUE—CROSSWALKS,** at north and south sides of One Hundred and Eleventh street, also across St. Nicholas and Lenox avenues, at the north side of One Hundred and Eleventh street. Area of assessment: North side of One Hundred and Eleventh street, from a point about 400 feet west of Seventh avenue to a point about 450 feet east of Lenox avenue; also, south side of One Hundred and Eleventh street, from a point about 400 feet west of Seventh avenue to a point about 350 feet east of Seventh avenue; also, both sides of Seventh avenue, to the extent of half the block north and south of One Hundred and Eleventh street; also to the extent of half the block on St. Nicholas and Lenox avenues, north of One Hundred and Eleventh street.

**ELEVENTH AVENUE—SEWERS** (both sides), between One Hundred and Eighty-sixth and One Hundred and Eighty-seventh streets. Area of assessment: Both sides of Eleventh avenue, between One Hundred and Eighty-sixth and One Hundred and Eighty-seventh streets.

**EIGHTY-SIXTH STREET—FLAGGING AND CURBING** (north side), in front of Nos. 323 to 329, between West End avenue and Riverside Drive. Area of assessment: Lot Nos. 17 to 20, inclusive, of Block 1248.

**NINETY-FIFTH STREET—FENING** (south side), 100 feet east of Boulevard. Area of assessment: Lot No. 38B, of Block 1242.

**NINETY-SEVENTH STREET—PAVING AND LAYING CROSSWALKS** between Fourth and Fifth avenues. Area of assessment: Both sides of Ninety-seventh street, and to the extent of half the blocks on the intersecting and terminating avenues.

**NINETY-EIGHTH STREET—PAVING,** between Lexington and Third avenues. Area of assessment: Both sides of Ninety-eighth street, between Lexington and Third avenues, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRETH STREET—PAVING,** from First avenue to bulkhead line, East river. Area of assessment: Both sides of One Hundredth street, from First avenue to East river, and to the extent of half the block on First avenue.

**ONE HUNDRETH STREET—PAVING,** be-



between Madison and Fourth avenues. Area of assessment: Both sides of One Hundredth street, between Madison and Fourth avenues, and to the extent of half the block on the terminating avenues.

**ONE HUNDRED AND FIRST STREET—PAVING**, between Lexington and Park avenues. Area of assessment: Both sides of One Hundred and First street, between Lexington and Park avenues, and to the extent of half the block on the terminating avenues.

**ONE HUNDRED AND SECOND STREET—PAVING**, between Central Park, West, and Manhattan avenue. Area of assessment: Both sides of One Hundred and Second street, between Central Park, West, and Manhattan avenue, and to the extent of half the block on the terminating avenues.

**ONE HUNDRED AND SECOND STREET—FENCING** (north side), between Columbus and Amsterdam avenues. Area of assessment: North side of One Hundred and Second street, commencing about 100 feet west of Columbus avenue, and extending westerly about 177 feet.

**ONE HUNDRED AND SECOND STREET—FENCING** (south side), between West End avenue and Riverside Drive. Area of assessment: Lot No. 64 of Block 1889.

**ONE HUNDRED AND THIRD STREET—FLAGGING**, between Columbus avenue and the Boulevard. Area of assessment: Both sides of One Hundred and Third street, between Columbus avenue and the Boulevard, on Lots Nos. 18, 22, 23, 24, 25, 26, 27, and 28 of Block 1875; Lots Nos. 42, 43, and 45 of Block 1874; Lots Nos. 41 and 43 of Block 1857, and Lot No. 10 of Block 1858.

**ONE HUNDRED AND SEVENTH STREET—PAVING AND LAYING CROSSWALKS**, from Columbus avenue to Central Park, West. Area of assessment: Both sides of One Hundred and Seventh street, from Columbus avenue to Central Park, West, and to the extent of half the block on the intersecting and terminating avenues.

**ONE HUNDRED AND EIGHTH STREET—REGULATING, GRADING, CURBING AND FLAGGING**, between Columbus and Manhattan avenues. Area of assessment: Both sides of One Hundred and Eighth street, between Columbus and Manhattan avenues.

**ONE HUNDRED AND ELEVENTH STREET—REGULATING, GRADING, CURBING AND FLAGGING**, from the Boulevard to Riverside avenue. Area of assessment: Both sides of One Hundred and Eleventh street, from the Boulevard to Riverside avenue, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRED AND TWELFTH STREET—PAVING**, between Lenox and Seventh avenues. Area of assessment: Both sides of One Hundred and Twelfth street, and to the extent of half the blocks on the intersecting and terminating avenues.

**ONE HUNDRED AND SIXTEENTH STREET—FENCING** (north side), between Pleasant avenue and East river. Area of assessment: Lots numbered 10 to 17, inclusive, of Block 1715.

**ONE HUNDRED AND SEVENTEENTH STREET—PAVING**, from Amsterdam avenue to Morningside avenue, West. Area of assessment: Both sides of One Hundred and Seventeenth street, from Amsterdam avenue to Morningside avenue, West, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRED AND EIGHTEENTH STREET—FENCING** (north side), beginning 100 feet west of Park avenue and extending about 120 feet westerly. Area of assessment: North side of One Hundred and Eighteenth street, beginning about 100 feet west of Park avenue and extending westerly about 120 feet.

**ONE HUNDRED AND NINETEENTH STREET—PAVING**, from Amsterdam avenue to the Boulevard. Area of assessment: Both sides of One Hundred and Nineteenth street, from Amsterdam avenue to the Boulevard, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRED AND TWENTIETH STREET—PAVING**, from Manhattan avenue to Morningside avenue, East. Area of assessment: Both sides of One Hundred and Twentieth street, from Manhattan avenue to Morningside avenue, East, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRED AND TWENTY-SECOND STREET—FENCING**, at Nos. 222 to 258. Area of assessment: Lots numbered 44, 45, 46, 47, 48, 49, 51, 52, 53, 55, 56, 57 and 58 of Block 1327.

**ONE HUNDRED AND THIRTY-THIRD STREET—PAVING**, between Twelfth avenue and the Boulevard. Area of assessment: Both sides of One Hundred and Thirty-third street, between Twelfth avenue and the Boulevard, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRED AND THIRTY-SEVENTH STREET—BASIN AND GULLY-TRAP** (north side), at Madison avenue. Area of assessment: Block bounded by One Hundred and Thirty-seventh and One Hundred and Thirty-eighth streets, Madison and Fifth avenues; also Madison avenue Bridge across Harlem river.

**ONE HUNDRED AND THIRTY-EIGHTH STREET—PAVING**, from Amsterdam avenue to the Boulevard. Area of assessment: Both sides of One Hundred and Thirty-eighth street, from Amsterdam avenue to the Boulevard, and to the extent of half the block on the intersecting and terminating avenues.

**ONE HUNDRED AND FORTY-SECOND STREET—PAVING**, from the Boulevard to the New York Central and Hudson River Railroad, and LAYING CROSSWALKS. Area of assessment: Both sides of One Hundred and Forty-second street, from the Boulevard to the New York Central and Hudson River Railroad Tracks, and to the extent of half the blocks on the west side of the Boulevard.

**ONE HUNDRED AND FORTY-SEVENTH STREET—PAVING**, from Amsterdam avenue to Boulevard. Area of assessment: Both sides of One Hundred and Forty-seventh street, from Amsterdam avenue to Boulevard, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRED AND FIFTY-SECOND STREET—REGULATING, GRADING, CURBING AND FLAGGING**, from Bradhurst avenue to Harlem river. Area of assessment: Both sides of One Hundred and Fifty-second street, from Bradhurst avenue to Harlem river.

**ONE HUNDRED AND FIFTY-THIRD STREET—CROSSWALK**, at west side of Boulevard. Area of assessment: Both sides of One Hundred and Fifty-third street, extending westerly from the Boulevard, a distance of half the block, and on the west side of Boulevard, to the extent of half the block north and south of One Hundred and Fifty-third street.

**ONE HUNDRED AND FIFTY-EIGHTH STREET—BASIN** southwest corner of Boulevard Lafayette. Area of assessment: West side of Boulevard Lafayette, between One Hundred and Fifty-fifth and One Hundred and Fifty-eighth streets.

**ONE HUNDRED AND FIFTY-FIRST STREET—REGULATING, GRADING, CURBING AND FLAGGING**, from Bradhurst avenue to Harlem river. Area of assessment: Both sides of One Hundred and Fifty-first street, from Bradhurst avenue to Harlem river.

**ONE HUNDRED AND SIXTY-FIFTH STREET—PAVING**, between Amsterdam and Edgecombe avenues, and LAYING CROSSWALKS. Area of assessment: Both sides of One Hundred and Sixty-fifth street, between Amsterdam and Edgecombe avenues, and to the extent of half the blocks on the terminating avenues.

**ONE HUNDRED AND SIXTY-SIXTH STREET—PAVING AND LAYING CROSSWALKS**, from Amsterdam avenue to Kingsbridge road. Area of assessment: Both sides of One Hundred and Sixty-sixth street, from Amsterdam avenue to Kingsbridge road, and to the extent of half the blocks on the intersecting and terminating avenues.

**TWELFTH AND NINETEENTH WARDS. EIGHTY-SIXTH STREET—SEWER OUTLET**, between East End avenue and East river. Area of assessment: Both sides of Eighty-sixth street, commencing about 300 feet west of Avenue B to the west side of

Avenue B; both sides of Eighty-fourth street, from a point about 400 feet west of First avenue to Avenue B; both sides of Eighty-fifth and Eighty-sixth streets, from Park avenue to Avenue B; both sides of Eighty-seventh street, from Park to Third avenue; both sides of Eighty-eighth street, from Avenue A to Avenue B; both sides of Eighty-ninth street, from Park to Third avenue; south side of Eighty-ninth street, from Lexington to Park avenue; east side of Park avenue, from Eighty-fifth to Eighty-ninth street; east side of Lexington avenue, from Eighty-fourth to Eighty-fifth street; both sides of Lexington avenue, from Eighty-fifth to Eighty-ninth street; both sides of Third avenue, from Eighty-fourth to Eighty-ninth street; both sides of Second avenue, from Eighty-fifth to Eighty-ninth street; both sides of First avenue, from Eighty-fourth to Eighty-ninth street; east side of Avenue A, from Eighty-fourth to Eighty-ninth street; east side of Avenue B, from Eighty-sixth to Eighty-seventh street, and both sides of Avenue B, from Eighty-third to Eighty-seventh street.

**SIXTEENTH WARD. THIRTEENTH AVENUE—PAVING AND LAYING CROSSWALKS**, between Eighteenth and Twenty-third streets. Area of assessment: Both sides of Thirteenth avenue from about 100 feet south of Eighteenth street to Twenty-third street, and to the extent of half the blocks on the intersecting streets.

**EIGHTEENTH WARD. UNION SQUARE—SEWER** (west side), between Sixteenth and Seventeenth streets. Area of assessment: West side of Union Square, between Sixteenth and Seventeenth streets.

**TWENTY-THIRD STREET—SEWER OUTLET**, between Avenue A and East river. Area of assessment: Both sides of Twenty-third street, from Lexington avenue to the East river; north side of Twenty-third street, from Lexington to Fourth avenue; both sides of Twenty-fourth street, from Madison to Second avenue; both sides of Twenty-fifth street, from Madison to Second avenue; both sides of Twenty-sixth street, from a point distant about 100 feet east of Sixth avenue to Second avenue; both sides of Twenty-seventh street, from a point distant about 270 feet east of Sixth avenue to Second avenue; both sides of Twenty-eighth street, from a point distant about 150 feet west of Broadway to Second avenue; both sides of Twenty-ninth street, from Broadway to Fourth avenue; both sides of Thirtieth street, from Broadway to Fourth avenue; both sides of Thirty-first street, from Broadway to Madison avenue; south side of Thirty-first street, from Madison to Fourth avenue, south side of Thirty-second street, commencing at a point about 470 feet west of Fifth avenue easterly to Madison avenue; both sides of Avenue A, from Twenty-second to Twenty-fourth street; both sides of First avenue, from Twenty-third to Twenty-fourth street; both sides of Second avenue, from Twenty-third to Twenty-seventh street; east side of Second avenue, commencing 65 feet north of Twenty-second street and extending to Twenty-third street; both sides of Third avenue, from Twenty-third to Twenty-eighth street; both sides of Lexington avenue, from Twenty-third to Twenty-eighth street; both sides of Fourth avenue, commencing 103 feet north of Twenty-third street to Twenty-ninth street; west side of Fourth avenue, from Twenty-ninth to Thirty-first street; both sides of Madison avenue, from Twenty-third to Thirty-first street; west side of Madison avenue, from Thirty-first to Thirty-second street; both sides of Fifth avenue, from Twenty-fifth to Thirty-second street; both sides of Broadway, from Twenty-fifth to Twenty-ninth street, and east side of Broadway, from Twenty-ninth to Thirty-first street.

**NINETEENTH WARD. SIXTY-THIRD STREET—FLAGGING AND CURBING**, in front of house Nos. 306 and 308. Area of assessment: Southeast corner of Sixty-third street and Second avenue, Lot No. 49 of Block 1437.

**SEVENTY-FIFTH STREET—FLAGGING AND CURBING** (south side), between Avenue A and First avenue. Area of assessment: South side of Seventy-fifth street, between Avenue A and First avenue, on Lots Nos. 29 to 36, inclusive, and Lots Nos. 37 to 42, inclusive, of Block 1479.

**NINETEENTH AND TWENTY-SECOND WARDS. SIXTH AVENUE—CROSSWALKS**, at the north side of Forty-fourth street. Area of assessment: Both sides of Sixth avenue and the north side of Forty-fourth street, to the extent of half the blocks from the northern intersection of Sixth avenue and Forty-fourth street.

**TWENTY-THIRD STREET—PAVING AND LAYING CROSSWALKS**, between Twenty-seventh and Thirtieth streets. Area of assessment: Both sides of Twenty-third street, from the south side of Twenty-seventh street to Thirtieth street, and to the extent of half the blocks on the intersecting streets.

**TWENTY-SEVENTH STREET—PAVING**, between First avenue and the East river. Area of assessment: Both sides of Twenty-seventh street, from a point about 394 feet east of First avenue to the bulkhead line, East river.

**THIRTIETH STREET—BASIN**, southeast corner of Second avenue. Area of assessment: South side of Thirtieth street, extending from Second avenue about 374 feet easterly, and the east side of Second avenue south of Thirtieth street to the extent of about 98 feet and 9 inches.

**TWENTY-SECOND WARD. FIFTY-FOURTH STREET—REGULATING, GRADING, CURBING AND FLAGGING**, from Tenth avenue to the Hudson river. Area of assessment: Both sides of Fifty-fourth street, between Eleventh and Twelfth avenues.

**SEVENTY-SEVENTH, EIGHTY-SECOND AND EIGHTY-THIRD STREETS—BASINS** at Riverside avenue. Area of assessment: North side of Seventy-seventh street, south side of Eighty-second street and south side of Eighty-third street, between Riverside and West End avenues.

**EIGHTIETH STREET—FLAGGING AND CURBING** (north side), between Boulevard and West End avenue. Area of assessment: North side of Eightieth street, commencing at West End avenue and extending about 150 feet easterly.

**EIGHTY-FIFTH STREET—PAVING**, from Boulevard to Amsterdam avenue. Area of assessment: Both sides of Eighty-fifth street, from the Boulevard to Amsterdam avenue, and to the extent of half the blocks on the terminating avenues.

**COLUMBUS AVENUE—FLAGGING** (east side), between Eighty-first and Eighty-second streets. Area of assessment: East side of Columbus avenue, extending about 102 feet 2 inches north of Eighty-first street.

**TWENTY-THIRD WARD. BUNGAY STREET—OUTLET SEWER AND APPURTENANCES**, in Bungay street, from Wetmore avenue, to and through One Hundred and Forty-ninth street, Prospect avenue, Kelly street, and Wales avenue, to Westchester avenue, with branch sewers in One Hundred and Forty-ninth street, between Southern Boulevard and Robbins avenue; Westchester avenue, north side, between Trinity and Forest avenues; Westchester avenue, south side, between Robbins and Wales avenues; Forest avenue, between Westchester avenue and One Hundred and Sixty-third street; Clifton street, between Cauldwell and Forest avenues, and in Westchester avenue, between Wales avenue and One Hundred and Fifty-sixth street. Area of assessment: Both sides of Bungay street, from Wetmore avenue to Timpson place; both sides of One Hundred and Forty-ninth street, from Timpson place to Robbins avenue; both sides of Prospect avenue, from Southern Boulevard to Kelly street; both sides of Kelly street, from Prospect avenue to Wales avenue; both sides of Wales avenue, from Kelly street to Westchester avenue; both sides of Westchester avenue, from One Hundred and Fifty-sixth street to Trinity avenue; both

sides of Forest avenue, from Westchester avenue to One Hundred and Sixty-third street; both sides of Clifton street, from Cauldwell to Forest avenue; also both sides of Whitlock avenue and Austin place, from Bungay street to One Hundred and Forty-ninth street; both sides of One Hundred and Forty-ninth street, from Wetmore avenue to Timpson place; both sides of Timpson place, extending about 500 feet west of One Hundred and Forty-ninth street; both sides of Southern Boulevard, from Leggett avenue to Union avenue; both sides of Fox street, Beck street and Kelly street, from Leggett avenue to Robbins avenue; both sides of Dawson street, from Leggett avenue to Forest avenue; both sides of One Hundred and Fifty-sixth street, from Dawson street to Cauldwell avenue; both sides of Prospect avenue, from Kelly street to One Hundred and Sixty-fifth street; both sides of Union avenue, from One Hundred and Forty-ninth street to One Hundred and Sixty-fifth street; both sides of Beach avenue, from a point distant about 238 feet south of One Hundred and Forty-ninth street to One Hundred and Fifty-sixth street; both sides of Wales avenue, from a point distant about 245 feet south of One Hundred and Forty-ninth street to Kelly street; both sides of Concord avenue, from a point distant about 275 feet south of One Hundred and Forty-ninth street to Kelly street; both sides of Robbins avenue, from Dater street to Westchester avenue; both sides of Hewitt place, from One Hundred and Fifty-sixth street to Denman place; both sides of Tinton avenue, from One Hundred and Fifty-sixth street to Home street; both sides of Forest avenue, from One Hundred and Sixty-third street to One Hundred and Sixty-eighth street; both sides of Jackson avenue, from Westchester avenue to One Hundred and Sixty-eighth street; both sides of Trinity avenue, from One Hundred and Sixty-sixth street to George street; both sides of Cauldwell avenue, commencing at a point about 450 feet south of One Hundred and Fifty-sixth street to One Hundred and Sixty-fourth street; both sides of Leggett avenue, from Kelly street to Dawson street; both sides of Westchester avenue, from One Hundred and Fifty-sixth street to Denman place; both sides of Cedar place and Denman place, from Westchester to Cauldwell avenue; both sides of Clifton street, from Union to Cauldwell avenue; both sides of One Hundred and Sixty-third street, from Prospect to Cauldwell avenue; both sides of Tea-dale place, from Trinity to Cauldwell avenue; both sides of One Hundred and Sixty-fifth street, from Prospect to Trinity avenue; both sides of George street, from Tinton avenue to Boston road, and both sides of Home street, from Tinton avenue to Boston road.

**TINTON AVENUE—SEWER AND APPURTENANCES** in Tinton avenue, between Kelly street and Home street; Prospect avenue, between Kelly street and Westchester avenue; Westchester avenue, between Tinton avenue and Prospect avenue; Clifton street, between Forest avenue and Union avenue; Forest avenue, between One Hundred and Sixty-third street and Home street, and in One Hundred and Sixty-fifth street, between Trinity and Union avenues. Area of assessment: Both sides of Tinton avenue, from Kelly street to Home street; both sides of Prospect avenue, from Kelly street to One Hundred and Sixty-fifth street; both sides of Union avenue, from Westchester avenue to One Hundred and Sixty-fifth street; both sides of Forest avenue, from One Hundred and Sixty-third to One Hundred and Sixty-eighth street; both sides of Jackson avenue, from One Hundred and Sixty-fifth to One Hundred and Sixty-eighth street; both sides of Trinity avenue, from One Hundred and Sixty-fourth street to George street; both sides of Dawson street, from Tinton avenue to One Hundred and Fifty-sixth street; both sides of Kelly street, from Prospect avenue to a point distant about 17 feet east of Leggett avenue; both sides of One Hundred and Fifty-sixth street and Leggett avenue, from Westchester avenue to Kelly street; both sides of Westchester avenue, from Tinton to Prospect avenue; both sides of Hewitt place, from One Hundred and Fifty-sixth street to Denman place; both sides of Cedar street and Denman place, from Forest to Westchester avenue; both sides of Clifton street, from Forest to Union avenue; both sides of One Hundred and Sixty-third street, from Forest to Prospect avenue; both sides of One Hundred and Sixty-fifth street, from Trinity to Prospect avenue; both sides of George street, from Boston road to Tinton avenue, and both sides of Home street, from Boston road to Tinton avenue.

**ONE HUNDRED AND THIRTY-FIFTH STREET—REGULATING, GRADING, CURBING AND FLAGGING**, between Alexander and Willis avenues. Area of assessment: Both sides of One Hundred and Thirty-fifth street, between Lincoln and Willis avenues, and to the extent of half the blocks on the intersecting and terminating avenues.

**ONE HUNDRED AND FORTY-NINTH STREET—SEWER OUTLET**, from Harlem river to Mott avenue. Area of assessment: Both sides of One Hundred and Forty-ninth street, from Mott avenue to Harlem river; both sides of One Hundred and Forty-sixth street, from Mott to Gerard avenue; both sides of One Hundred and Forty-ninth street, from Mott avenue to Harlem river; both sides of One Hundred and Fiftieth street, from Mott to River avenue; both sides of Sedgwick avenue, from Mott to River avenue; both sides of Juliet street, from Mott to River avenue; both sides of One Hundred and Sixty-first street, from Mott to River avenue; both sides of One Hundred and Sixty-second street, from Mott to Walton avenue; both sides of Mott avenue, from Sedgwick avenue to One Hundred and Sixty-first street; both sides of Walton avenue, commencing about 285 feet south of One Hundred and Forty-fourth street to a point distant about 105 feet north of One Hundred and Sixty-second street; both sides of Gerard avenue, from One Hundred and Forty-fourth street to One Hundred and Sixty-first street, and both sides of River avenue, commencing about 619 feet southerly, from One Hundred and Forty-fourth street to One Hundred and Sixty-first street.

**ONE HUNDRED AND FIFTY-THIRD STREET—FENCING**, at the southeast corner of Morris avenue. Area of assessment: South side of One Hundred and Fifty-third street, beginning at the corner of Morris avenue and extending easterly about 171 feet.

**ONE HUNDRED AND SIXTIETH STREET—FENCING**, southwest corner of Railroad avenue, West. Area of assessment: Lot No. 30, of Block 1570.

**ONE HUNDRED AND SIXTY-FOURTH STREET—PAVING AND LAYING CROSSWALKS**, from Boston road to Trinity avenue. Area of assessment: Both sides of One Hundred and Sixty-fourth street, from Boston road to Trinity avenue, and to the extent of half the blocks on the intersecting and terminating avenues.

**ONE HUNDRED AND SIXTY-SIXTH STREET—SEWER**, between Tinton and Forest avenues. Area of assessment: Both sides of One Hundred and Sixty-sixth street, between Tinton and Forest avenues.

**ELION AVENUE—PAVING**, from One Hundred and Fifty-third street to Brook avenue. Area of assessment: Both sides of Elton avenue, from One Hundred and Fifty-third street to Brook avenue, and to the extent of half the blocks on the intersecting streets.

**ONE HUNDRED AND THIRTY-EIGHTH AND ONE HUNDRED AND THIRTY-NINTH STREETS—FENCING**, between Brook and Willis avenues. Area of assessment: On street Nos. 711 to 715 East One Hundred and Thirty-eighth street, and Nos. 710 to 714 East One Hundred and Thirty-ninth street, known respectively as Ward Nos. 34, 35, 79 and 80, of Block 1749.

—that the same were confirmed by the Board of Revision and Correction of Assessments on January 21, 1897, and entered the same date in the Record of Titles of Assessments Confirmed, 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 977 of said "New York City Consolidation Act of 1883."

Section 977 of the said act provides that, "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 from the date of such entry to the date of payment."

The above assessments are payable to the Collector of Assessments and Clerk of Arrears, at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, between the hours of 9 A.M. and 2 P.M., and all payments made thereon on or before March 22, 1897, 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 cent. per annum from the date of entry in the Record of Titles of Assessments in said Bureau to the date of payment.

ASHBEL P. FITCH, Comptroller.  
CITY OF NEW YORK—FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, February 16, 1897.

PETER F. MEYER, AUCTIONEER.

CORPORATION SALE OF REAL ESTATE.

**PUBLIC NOTICE IS HEREBY GIVEN** THAT the Commissioners of the Sinking Fund of the City of New York, by virtue of the powers vested in them by law, will offer for sale, at public auction, on Tuesday, March 30, 1897, at 12 o'clock M., at the New York Real Estate Sales Room, No. 111 Broadway, the following described lots, pieces or parcels of real estate belonging to the Corporation of the City of New York, viz.: Three (3) lots on the south side of One Hundred and Fifty-first street, between Convent and Amsterdam avenues, Block 2065 (new number), known by the Lot No. 49, each 25 feet front and 99 feet 11 inches deep.

One (1) triangular lot on Convent avenue and One Hundred and Fiftieth street, Block 2065 (new number), Lots Nos. 15 and 16, 108 feet 11 1/2 inches front on Convent avenue, 99 feet 11 inches deep on the westerly side and 43 feet 5 1/2 inches on the northerly side thereof, along the centre line of the block between One Hundred and Fiftieth and One Hundred and Fifty-first streets. The several parcels of the said property being shown on a map thereof prepared by Eugene E. McLean, Engineer of the Finance Department, dated January 19, 1897, and numbered respectively thereon Nos. 1, 2, 3 and 4.

**TERMS AND CONDITIONS OF SALE:**  
The City shall retain the right to maintain forever the new Aqueduct under the aforesaid lots and all the rights pertaining or necessary to such maintenance, and no excavation shall ever be made under the said lots below a point thirty (30) feet vertically distant from the established grade of the street.

The highest bidder will be required to pay ten (10) per cent. of the purchase-money and the auctioneer's fee on each lot immediately after the sale; thirty (30) per cent. upon the delivery of the deeds, within thirty days from the date of sale; and the balance, sixty (60) per cent. of the purchase-money, or any portion thereof, may remain, at the option of the purchaser, on bond and mortgage, for five years, with interest at the rate of six per cent. per annum, payable semi-annually, the mortgages to contain the customary thirty days' interest and ninety days' tax clauses.

The bond and mortgage may be paid off at any time within the term thereof on giving thirty days' notice to the Comptroller, or it may be paid by installments of not less than five hundred dollars, on any day when the interest is due, or on thirty days' notice. The bonds and mortgages will be prepared by the Counsel to the Corporation, and the sum of twelve dollars and fifty cents will be charged for drawing, acknowledging and recording each separate mortgage. If more than one lot of land is included in any mortgage, the whole mortgage must be paid off before any release can be given by the Corporation, as a release of any part of the premises included in a mortgage to the Corporation is forbidden by law.

The Comptroller may, at his option, resell any lot which may be struck off to the highest bidder who may fail to comply with the terms of sale, and the party who may fail to comply therewith will be held liable for any deficiency that may result from any such resale.

The right to reject any bid is reserved.

Lithographic maps of said real estate may be had at the Comptroller's Office, Stewart Building, No. 280 Broadway, after March 5, 1897.

By order of the Commissioners of the Sinking Fund, under a resolution adopted at a meeting of the Board held May 28, 1895.

ASHBEL P. FITCH, Comptroller.  
CITY OF NEW YORK, FINANCE DEPARTMENT, COMPTROLLER'S OFFICE, February 24, 1897.

**DEPARTMENT OF BUILDINGS.**

DEPARTMENT OF BUILDINGS, No. 220 FOURTH AVENUE, NEW YORK, June 22, 1896.

**NOTICE TO OWNERS, ARCHITECTS AND BUILDERS.**

THE DEPARTMENT OF BUILDINGS HAS established a branch office at junction of Third and Courtlandt avenues, where all plans for the erection or alteration of buildings above the Harlem river may be submitted and filed.

STEVENSON CONSTABLE, Superintendent Buildings.

**DEPARTMENT OF DOCKS.**

TO CONTRACTORS. (No. 569.)

PROPOSALS FOR ESTIMATES FOR PREPARING FOR AND FOR BUILDING TEMPORARY PIERS BETWEEN PIERS, OLD 56 AND OLD 57, AND BETWEEN PIERS, OLD 58 AND OLD 59, NORTH RIVER.

ESTIMATES FOR PREPARING FOR AND FOR building temporary piers between Piers, old 56 and old 57, and between Piers, old 58 and old 59, North river, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

FRIDAY, MARCH 5, 1897, at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Eight Thousand Dollars.

The Engineer's estimate of the nature, quantities and extent of the work is as follows:

CLASS I.  
New Pier between Piers, Old 58 and Old 59, North River.

1. Yellow Pine Timber, 12" x 12", about 43,120 feet, B. M., measured in the work; Yellow Pine Timber, 10" x 12", about 540 feet, B. M., measured in the work; Yellow Pine Timber, 10" x 10", about 192 feet, B. M., measured in the work; Yellow Pine Timber, 8" x 16", about 128 feet, B. M., measured in the work; Yellow Pine Timber, 8" x 12", about 370 feet, B. M., measured in the work; Yellow Pine Timber, 8" x 10", about 153 feet, B. M., measured in the work; Yellow Pine Timber, 7" x 14", about 123 feet, B. M., measured in the work; Yellow Pine Timber, 7" x 12", about 327 feet, B. M., measured in the work; Yellow Pine Timber, 7" x 10", about 560 feet, B. M., measured in the work; Yellow Pine Timber, 6" x 12", about 2,220 feet, B. M., measured in the work; Yellow Pine Timber, 5" x 10", about 11,846 feet, B. M., measured in the work; Yellow Pine Timber, 4" x 10", about 27,400 feet, B. M., measured in the work; Yellow Pine Timber, 3" x 12", about 1,212



et, B. M., measured in the work; Yellow Pine Timber, 2" x 4", about 1,298 feet, B. M., measured in the work—total, about 98,489 feet, B. M., measured in the work.

2. Spruce Timber, 3" x 10", about 23,490 feet, B. M., measured in the work.

3. White Oak Timber, 8" x 12", about 4,032 feet, B. M., measured in the work. NOTE.—The above quantities of timber in items 1, 2 and 3 are inclusive of extra lengths required for scarfs, laps, etc., but are exclusive of waste.

4. White Pine, Yellow Pine, Norway Pine or Cypress Piles, 18". It is expected that these piles will have to be about from 75 to 80 feet in length, to meet the requirements of the specifications for driving.)

5. White Oak Fender Piles, about 60 feet long, 8.

6. 3/4" x 20", 3/4" x 22", 3/4" x 16", 3/4" x 12", 3/4" x 22", 3/4" x 20", 3/4" x 16", 3/4" x 12", 3/4" x 9", 3/4" x 10" and 3/4" x 6" square and 3/4" x 8 1/2" round Wrought-iron, Spike-pointed Dock-spikes and 40d. Nails, about 9,411 pounds.

7. 1/2", 1 1/4", 1 1/2", and 1" Wrought-iron Screw-bolts and Nuts, about 5,273 pounds.

8. Wrought-iron Washers for 1 1/2" and 1 1/4" Screw-bolts, about 18 pounds.

9. Wrought-iron Armature Plates, about 4,390 pounds.

10. Cast-iron Washers for 1 1/2" and 1" Screw-bolts, about 2,073 pounds.

11. Cast-iron Mooring-posts, 8, about 7,200 pounds.

12. Cast-iron Cleats, 2, about 330 pounds.

13. Labor of every description, and Painting, Oiling and Tarring.

#### CLASS II.

New Pier between Piers, Old 56 and Old 57, North River.

14. Yellow Pine Timber, 12" x 12", about 55,932 feet, B. M., measured in the work; Yellow Pine Timber, 10" x 12", about 540 feet, B. M., measured in the work; Yellow Pine Timber, 10" x 10", about 102 feet, B. M., measured in the work; Yellow Pine Timber, 8" x 16", about 128 feet, B. M., measured in the work; Yellow Pine Timber, 8" x 15", about 370 feet, B. M., measured in the work; Yellow Pine Timber, 8" x 10", about 153 feet, B. M., measured in the work; Yellow Pine Timber, 8" x 8", about 5,238 feet, B. M., measured in the work; Yellow Pine Timber, 7" x 14", about 327 feet, B. M., measured in the work; Yellow Pine Timber, 7" x 12", about 560 feet, B. M., measured in the work; Yellow Pine Timber, 6" x 12", about 2,940 feet, B. M., measured in the work; Yellow Pine Timber, 5" x 10", about 13,567 feet, B. M., measured in the work; Yellow Pine Timber, 4" x 10", about 33,407 feet, B. M., measured in the work; Yellow Pine Timber, 3" x 12", about 1,455 feet, B. M., measured in the work; Yellow Pine Timber, 2" x 4", about 1,549 feet, B. M., measured in the work—total, about 116,358 feet, B. M., measured in the work.

15. Spruce Timber, 3" x 10", about 28,405 feet, B. M., measured in the work.

16. White Oak Timber, 8" x 12", about 5,152 feet, B. M., measured in the work. NOTE.—The above quantities of timber in items 14, 15 and 16 are inclusive of extra lengths required for scarfs, laps, etc., but are exclusive of waste.

17. White Pine, Yellow Pine, Norway Pine or Cypress Piles, 25". It is expected that these piles will have to be about from 75 to 80 feet in length, to meet the requirements of the specifications for driving.)

18. White Oak Fender Piles, about 60 feet long, 8.

19. 3/4" x 20", 3/4" x 22", 3/4" x 16", 3/4" x 12", 3/4" x 22", 3/4" x 20", 3/4" x 16", 3/4" x 12", 3/4" x 9", 3/4" x 10" and 3/4" x 6" square and 3/4" x 8 1/2" round Wrought-iron, Spike-pointed Dock-spikes and 40d. Nails, about 11,007 pounds.

20. 1 1/2", 1 1/4", 1 1/2", and 1" Wrought-iron Screw-bolts and Nuts, about 6,323 pounds.

21. Wrought-iron Washers for 1 1/2" and 1 1/4" Screw-bolts, about 258 pounds.

22. Wrought-iron Armature Plates, about 4,390 pounds.

23. Cast-iron Washers for 1 1/2" and 1" Screw-bolts, about 2,045 pounds.

24. Cast-iron Mooring-posts, 8, about 7,200 pounds.

25. Cast-iron Cleats, 2, about 330 pounds.

26. Labor of every description, and Painting, Oiling and Tarring.

N. B.—As the above-mentioned quantities, though stated with as much accuracy as is possible in advance, are approximate only, bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

1st. Bidders must satisfy themselves by personal examination of the location of the proposed work and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract and the plans therein referred to. No extra compensation, beyond the amount payable for each class of the work before mentioned, which shall be actually performed at the prices therefor, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after the date of the receipt of a notification from the Engineer-in-Chief that the work, or any part of it, is ready to be begun, and all the work to be done under the contract is to be fully completed on or before the expiration of sixty days after the date of service of said notification, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

Where the City of New York owns the wharf, pier or bulkhead at which the materials under this contract are to be delivered, and the same is not leased, no charge will be made to the contractor for wharfage upon vessels conveying said materials.

Bidders will state in their estimates a price for the whole of the work to be done in each class in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. These prices are to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay from any cause in the performing of the work thereunder. The award of the contract, if awarded, will be made to the bidder who is the lowest for doing the whole of the work comprised in all of the classes and whose estimate is regular in all respects.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing each class of the work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them, and execute the contract within five days from the date of the service of a notice to that effect; and in case of failure or neglect so to do, he or they will be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet and so on until it is accepted and executed.

Bidders are required to state in their estimates their names and places of residence, the names of all persons interested with them therein, and if no other person be so interested, the estimate shall distinctly state the fact; also that the estimate is made without any consultation, connection or agreement with and the amount thereof has not been disclosed to any other person or persons making an estimate for the same purpose, and is not higher than the lowest regular market price for the same kind of labor or material, and is in all respects fair and without collusion or fraud; that no combination or pool exists of which the bidder is a member, or in which the bidder is directly or indirectly interested, or of which the bidder has knowledge, either personal or otherwise, to bid a certain price or not less than a certain price for said labor or material, or to keep others from bidding thereon, and also that no member of the Common

Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or any other officer or employee of the Corporation of the City of New York, or any of its departments, is directly or indirectly interested in the estimate, or in the supplies or work to which it relates, or in any portion of the profits thereof, and has not been given, offered or promised, either directly or indirectly, any pecuniary or other consideration by the bidder or anyone in his behalf with a view to influencing the action or judgment of such officer or employee in this or any other transaction heretofore had with this department, which estimate must be verified by the oath, in writing, of the party making the estimate that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the verification be made and subscribed to by all the parties interested.*

In case a bid shall be submitted by or in behalf of any corporation, it must be signed in the name of such corporation by some duly authorized officer or agent thereof, who shall also subscribe his own name and office. If practicable the seal of the corporation should also be affixed.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance; and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded in each case to be calculated upon the estimated amount of the work to be done by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same, within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

In case there are two or more bids at the same price, which price is the lowest price bid, the contract, if awarded, will be awarded by lot to one of the lowest bidders.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners of the Department of Docks.

Dated New York, January 25, 1897.

TO CONTRACTORS. (No. 571.)

PROPOSALS FOR ESTIMATES FOR DREDGING BETWEEN WEST TWELFTH STREET AND GANSEVOORT STREET, ON THE NORTH RIVER.

ESTIMATES FOR DREDGING ON THE NORTH RIVER, between West Twelfth and Gansevoort streets, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

TUESDAY, MARCH 2, 1897.

at which time and place the estimates will be publicly opened by the head of said Department. The award of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation and a statement of the work to which it relates.

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Forty-three Thousand Dollars.

The Engineer's estimate of the quantities of material necessary to be dredged is as follows (in place):

Earth filling in rear of cribwork, about 355,000 cubic yards; cribwork, about 27,600 cubic yards; old brickwork and rubbish from removal of buildings, about 500 cubic yards; old foundation piles, about 4,400.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

1st. Bidders must satisfy themselves by personal examination of the location of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks and in substantial accordance with the specifications of the contract. No extra compensation beyond the amount payable for the work before mentioned, which shall be actually performed at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after receiving a notification from the Engineer-in-Chief of the Department of Docks that any part or portion of the dredging herein mentioned is required. The dredging to be done under this contract will be between West Twelfth street and Gansevoort street, on the North river, and is to be done from time to time, and in such quantities and at such times as may be directed by the Engineer, and all work under this contract is to be fully completed on or before

the expiration of 125 days from the date of service of the above-mentioned notification.

The damages to be paid by the contractor for each day that the contract, or any part thereof that may be ordered or directed by the Engineer, may be unfulfilled after the time fixed for the fulfillment thereof has expired are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price for the whole of the dredging to be done, in conformity with the approved form of agreement and the specifications therein set forth, by which prices the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder. All material to be excavated or removed from the area to be dredged will become the property of the contractor, and bidders must estimate the value of such material when considering the price for which they will do the work under this contract.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them and execute the contract within five days from the date of the service of a notice to that effect, and in case of failure or neglect so to do he or they will be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet and so on until it is accepted and executed.

Bidders are required to state in their estimate their names and places of residence, the names of all persons interested with them therein, and if no other person be so interested the estimate shall distinctly state the fact; also that the estimate is made without any consultation, connection or agreement with and the amount thereof has not been disclosed to any other person or persons making an estimate for the same purpose, and is not higher than the lowest regular market price for the same kind of labor or material, and is in all respects fair and without collusion or fraud; that no combination or pool exists of which the bidder is a member, or in which the bidder is directly or indirectly interested, or of which the bidder has knowledge, either personal or otherwise, to bid a certain price, or not less than a certain price, for said labor or material, or to keep others from bidding thereon, and also that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or any other officer or employee of the Corporation of the City of New York, or any of its Departments, is directly or indirectly interested in the estimate, or in the supplies or work to which it relates, or in any portion of the profits thereof, and has not been given, offered or promised, either directly or indirectly, any pecuniary or other consideration by the bidder or anyone in his behalf with a view to influencing the action or judgment of such officer or employee in this or any other transaction heretofore had with this Department, which estimate must be verified by the oath, in writing, of the party making the estimate, that the several matters stated therein are in all respects true. *Where more than one person is interested it is requisite that the verification be made and subscribed to by all the parties interested.*

In case a bid shall be submitted by or in behalf of any corporation, it must be signed in the name of such corporation by some duly authorized officer or agent thereof, who shall also subscribe his own name and office. If practicable, the seal of the corporation should also be affixed.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance, and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded in each case to be calculated upon the estimated amount of the work to be done by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

In case there are two or more bids at the same price, which price is the lowest price bid, the contract, if awarded, will be awarded by lot to one of the lowest bidders.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners of the Department of Docks.

Dated New York, February 4, 1897.

TO CONTRACTORS. (No. 568.)

PROPOSALS FOR ESTIMATES FOR DREDGING AT THE PILE PLATFORM FOOT OF SEVENTH STREET, UNIONPORT (KNOWN AS THE TOWN DOCK), AND AT THE BULKHEAD FOOT OF MAIN STREET, WESTCHESTER (KNOWN AS THE TOWN DOCK), IN WESTCHESTER CREEK.

ESTIMATES FOR DREDGING IN WESTCHESTER CREEK will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 12 o'clock M. of

TUESDAY, MARCH 2, 1897.

at which time and place the estimates will be publicly opened by the head of said Department. The award

of the contract, if awarded, will be made as soon as practicable after the opening of the bids.

Any person making an estimate for the work shall furnish the same in a sealed envelope to said Board, at said office, on or before the day and hour above named, which envelope shall be indorsed with the name or names of the person or persons presenting the same, the date of its presentation, and a statement of the work to which it relates.

The bidder to whom the award is made shall give security for the faithful performance of the contract, in the manner prescribed and required by ordinance, in the sum of Eight Hundred Dollars.

The Engineer's estimate of the quantities of materials necessary to be dredged is as follows:

ON WESTCHESTER CREEK.

Pile platform foot of Seventh street, Unionport (known as the Town Dock), 1,500 cubic yards; bulkhead foot of Main street, Westchester (known as the Town Dock), 2,450 cubic yards; total, 3,950 cubic yards.

N. B.—Bidders are required to submit their estimates upon the following express conditions, which shall apply to and become a part of every estimate received:

1st. Bidders must satisfy themselves, by personal examination of the location of the proposed dredging, and by such other means as they may prefer, as to the accuracy of the foregoing Engineer's estimate, and shall not, at any time after the submission of an estimate, dispute or complain of the above statement of quantities, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

2d. Bidders will be required to complete the entire work to the satisfaction of the Department of Docks, and in substantial accordance with the specifications of the contract. No extra compensation, beyond the amount payable for the work before mentioned, which shall be actually performed at the price therefor, per cubic yard, to be specified by the lowest bidder, shall be due or payable for the entire work.

The work to be done under this contract is to be commenced within five days after receiving a notification from the Engineer-in-Chief of the Department of Docks that any part or portion of the dredging herein mentioned is required. The dredging to be done under this contract will be at the pile platform foot of Seventh street, Unionport (known as the Town Dock), and at the foot of Main street, Westchester (known as the Town Dock), in Westchester Creek, and is to be done, from time to time, and in such quantities and at such times as may be directed by the Engineer, and all work done under this contract is to be fully completed on or before the expiration of thirty-five days from the date of service of the above-mentioned notification.

The damages to be paid by the contractor for each day that the contract or any part thereof that may be ordered or directed by the Engineer may be unfulfilled after the time fixed for the fulfillment thereof has expired are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

Bidders will state in their estimates a price, per cubic yard, for doing such dredging, in conformity with the approved form of agreement and the specifications therein set forth, by which price the bids will be tested. This price is to cover all expenses of every kind involved in or incidental to the fulfillment of the contract, including any claim that may arise through delay, from any cause, in the performing of the work thereunder.

Bidders will distinctly write out, both in words and in figures, the amount of their estimates for doing this work.

The person or persons to whom the contract may be awarded will be required to attend at this office with the sureties offered by him or them and execute the contract within five days from the date of the service of a notice to that effect, and in case of failure or neglect so to do, he or they will be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, and so on until it is accepted and executed.

Bidders are required to state in their estimates their names and places of residence, the names of all persons interested with them therein, and if no other person be so interested the estimate shall distinctly state that fact; also that the estimate is made without any consultation, connection or agreement with and the amount thereof has not been disclosed to any other person or persons making an estimate for the same purpose, and is not higher than the lowest regular market price for the same kind of labor or material, and is in all respects fair and without collusion or fraud; that no combination or pool exists of which the bidder is a member, or in which the bidder is directly or indirectly interested, or of which the bidder has knowledge, either personal or otherwise, to bid a certain price, or not less than a certain price, for said labor or material, or to keep others from bidding thereon, and also that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or any other officer or employee of the Corporation of the City of New York, or any of its Departments, is directly or indirectly interested in the estimate, or in the supplies or work to which it relates, or in any portion of the profits thereof, and has not been given, offered or promised, either directly or indirectly, any pecuniary or other consideration by the bidder, or anyone in his behalf, with a view to influencing the action or judgment of such officer or employee in this or any other transaction heretofore had with this Department, which estimate must be verified by the oath, in writing, of the party making the estimate that the several matters stated therein are in all respects true. *Where more than one person is interested it is requisite that the verification be made and subscribed to by all the parties interested.*

In case a bid shall be submitted by or in behalf of any corporation, it must be signed in the name of such corporation by some duly authorized officer or agent thereof, who shall also subscribe his own name and office. If practicable, the seal of the corporation should also be affixed.

Each estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person or persons making the estimate, they will, upon its being so awarded, become bound as his or their sureties for its faithful performance, and that if said person or persons shall omit or refuse to execute the contract, they will pay to the Corporation of the City of New York any difference between the sum to which said person or persons would be entitled upon its completion and that which said Corporation may be obliged to pay to the person to whom the contract may be awarded in each case to be calculated upon the estimated amount of the work to be done, by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature and over and above his liabilities as bail, surety and otherwise; and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

No estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

In case there are two or more bids at the same price, which price is the lowest price bid, the contract, if awarded, will be awarded by lot to one of the lowest bidders.

THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners of the Department of Docks.

Dated New York, February 4, 1897.

No estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

In case there are two or more bids at the same price, which price is the lowest price bid, the contract, if awarded, will be awarded by lot to one of the lowest bidders.



deposit made by him shall be forfeited to and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Bidders are informed that no deviation from the specifications will be allowed unless under the written instructions of the Engineer-in-Chief.

No estimate will be accepted from or contract awarded to any person who is in arrears to the Corporation, upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

In case there are two or more bids at the same price, which price is the lowest price bid, the contract, if awarded, will be awarded by lot to one of the lowest bidders. THE RIGHT TO DECLINE ALL THE ESTIMATES IS RESERVED IF DEEMED FOR THE INTEREST OF THE CORPORATION OF THE CITY OF NEW YORK.

Bidders are requested, in making their bids or estimates, to use the blank prepared for that purpose by the Department, a copy of which, together with the form of the agreement, including specifications, and showing the manner of payment for the work, can be obtained upon application therefor at the office of the Department.

EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners of the Department of Docks.

Dated New York, January 21, 1897.

## POLICE DEPARTMENT.

**POLICE DEPARTMENT—CITY OF NEW YORK, 1896.**  
**OWNERS WANTED BY THE PROPERTY**  
Clerk of the Police Department of the City of New York, No. 306 Mulberry street, Room No. 9, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc., also small amount money taken from prisoners and found by Patrolmen of this Department.  
JOHN F. HARRIOT, Property Clerk.

## CITY CIVIL SERVICE COMM.

NEW CRIMINAL COURT BUILDING, NEW YORK, February 1, 1897.

**EXAMINATIONS WILL BE HELD AS FOLLOWS:**

Friday, March 5, 10 A. M., TELEGRAPH OPERATORS.

Tuesday, March 2, 10 A. M., INSPECTORS OF PLUMBING, LIGHT AND VENTILATION, BUILDING DEPARTMENT.

Tuesday, March 9, 10 A. M., WEIGHMASTER.

Wednesday, March 10, 10 A. M., TELEPHONE OPERATOR.

Notice is hereby given that applications are desired for Building Inspectors of Carpentry, in the Building Department. Candidates must have at least ten years' experience in the carpentering line. Applicants must have a thorough knowledge of carpentry, and sufficient knowledge respecting masonry and foundations to make them competent to superintend the construction of a frame building and of a moderate sized brick building. They must also be able to read readily the several plans.

Applications are also desired for the positions of Building Inspectors of Masonry and Building Inspectors of Iron and Steel Construction. Applicants must have at least ten years' experience in their respective lines and be able to read building plans. The salary for Building Inspectors \$1,100 to \$1,800 per annum, and the Inspectors are eligible to advancement to Chief Inspectors of the several branches, the salary of which is from \$1,800 to \$2,500 per annum.

Notice is also given that applications are desired for the position of Inspector of Light, Plumbing and Ventilation in the Building Department.

Applications are desired for the position of Instrument Maker. Applicants must understand the construction, etc., of electrical apparatus, and be able to read plans of such and furnish letters of recommendation.

Applications are desired for position of Dairyman. Candidates must have full knowledge of dairy work and the cultivation of food products for cattle.

Resolved, That the Labor Clerk is hereby authorized to certify the name of any person registered on the list for Laborer who is willing to accept temporary employment during the winter months for the removal of snow and ice.

Further, application for this service must be made at the Labor Bureau.

Certification shall be made in order of application.

Further, that such appointment shall not be made permanent, and shall last only during such period as the emergency requires.

NOTE.—All laborers now registered in the Labor Bureau are requested to report their willingness to accept temporary employment for removing snow and ice.

Persons desiring employment in the hospitals should make application as Hospital Orderly; salary from \$25 to \$40 per month. Orderlies are eligible for promotion to Inspector; salary from \$40 to \$50 per month, board and lodging furnished. Persons desiring employment at hospitals, outside work, should make application for Hospital Helper; salary not above \$25 per month, board and lodging furnished. Persons desiring employment as Orderly in Correction Department should make application for the position of Orderly in the Department of Correction; salary, \$25 to \$40 per month. Letters of recommendation will be required in all cases.

S. WILLIAM BRISCOE, Secretary.

NEW YORK, February 1, 1897.  
**NOTICE IS GIVEN THAT THE REGISTRATION**  
days in the Labor Bureau will be Wednesday and Friday, and that examinations will take place on those days at 1 P. M.

S. WILLIAM BRISCOE, Secretary.

## DEPT. OF PUBLIC CHARITIES.

NEW YORK, February 26, 1897.  
**PROPOSALS FOR DRY GOODS, ETC. SEALED**  
bids or estimates for furnishing Dry Goods, etc., during the year 1897, in conformity with specifications, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until 10 o'clock A. M. of Thursday, March 11, 1897. All goods to be delivered on East Twenty-sixth Street Pier, marked "Storekeeper, Blackwell's Island."

Dry Goods, etc.—1, 9,500 yards Brown Muslin "Buckshead," "Atlantic A." or "Massachusetts Standard"; 2, 1,600 yards Bleached Muslin, 8-4 "Dwight Anchor"; 3, 5,000 yards Bleached Muslin, 4-4 "Dwight Anchor"; 4, 10,000 yards Cassimere "Pilots," width, 27 inches inside the selvege; weight, 12 ounces to the yard; warp, 1,200 ends of No. 14 Black Cotton Warp; picks, 38 to the inch; weave, bird's-eye; filling, 65 per cent; new wool clips, 35 per cent; Ohio XX Fleece wool; no cotton; 5, 3,100 yards Cottonade, "N. Y. Mills"; 6, 2,600 yards Blue Denim, "Otis C. C."; 7, 1,300 yards Brown Denim, "Warren C. C."; 8, 5,300 yards Crash, "Steven's," all linen; 9, 2,900 yards Huckabuck Toweling; 10, 4,500 yards Canton Flannel, "Amoskeag A. A."; 11, 3,000 yards Red Flannel, "Belvidere A. A."; 12, 3,000 yards White Flannel, "No. 2"; 13, 1,500 yards Gingham, "Johnson Manufacturing Company"; 14, 1,500 yards Linsey Woolsey, "Park Mills"; 15, 1,300 yards Furniture Check; 16, 2,800 yards Otis Check; 17, 4,300 yards Linen Diaper; 18, 8,800 yards Cotton Jean, "Flushing"; 19, 17,100 yards Dark Calico, "American Printing Co."; 20, 1,200 yards Light Calico, "American Printing Co."; 21, 2,500 yards Grey Curled Hair, "Pure S. A."; 22, 1,750 yards Table Linen, unbleached; 23, 166 dozen Spool Cotton, assorted; 24, 200 dozen Basting Cotton, white, No. 20; 25, 120 dozen Dress Buttons; 26, 10 great gross Buttons, A-22; 27, 10 great gross Porcelain Buttons; 28, 100 pounds first quality

Whity Brown Machine Thread, 2 ounce spools, 16 ounces to the pound, No. 50 "Stewart's or Barbour's"; 29, 100 pounds Dark Blue Machine Thread, No. 50 (as above). All thread to accord strictly with the numbers marked on same; 30, 2,100 Rubber Blankets; 31, 987 pairs White Blankets, 11-4 "Hartford," to average 5 lb. per pair; 32, 1,200 pairs Blue Kersey Blankets, to average 7 pounds per pair; 33, 300 Rubber Blankets, crib size; 34, 1,663 White Toilet Quilts, "Bates"; 35, 700 Women's Shawls, 8-4 "Bradford"; 36, 300 Girls' Shawls, "Artic"; 37, 360 Ward Coats; 38, 440 pieces Mosquito Netting; 39, 2,000 Yarns Seersucker, "Bates"; 40, 170 dozen Men's Straw Hats; 41, 54 dozen Boys' Straw Hats; 42, 54 dozen Women's Straw Hats; 43, 34 dozen Girls' Straw Hats; 44, 16 dozen Women's Wool Hoods; 45, 10 dozen Girls' Wool Hoods; 46, 11 dozen Infants' Wool Hoods; 47, 50 dozen pairs Children's Wool Mitts; 48, 42 dozen Boys' Peaked Caps; 49, 42 dozen Boys' Polo Caps; 50, 170 dozen Men's Knit Shirts; 51, 70 dozen Boys' Knit Shirts; 52, 15 dozen Women's Knit Shirts; 53, 25 dozen Girls' Knit Shirts; 54, 24 dozen Infants' Knit Shirts; 55, 75 dozen Men's Knit Drawers; 56, 35 dozen Boys' Knit Drawers; 57, 15 dozen Women's Knit Drawers; 58, 53 dozen Girls' Knit Drawers; 59, 1,000 dozen pairs Men's mixed Cotton Socks; 60, 850 dozen pairs Women's mixed Cotton Socks; 61, 100 dozen pairs Boys' mixed Cotton Stockings; 62, 150 dozen pairs Girls' mixed Cotton Stockings; 63, 144 dozen pairs Infants' mixed Cotton Stockings.

No empty packages are to be returned to bidders or contractors except such as are designated in the specifications.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Dry Goods, etc.," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department, or his duly authorized agent, and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the person making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation and the contract will be readvertised and relet, as provided by law.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, and showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities will insist upon its absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

NEW YORK, February 26, 1897.  
**PROPOSALS FOR SUMMER CLOTHING FOR**  
Insane Patients. Sealed bids or estimates for furnishing Summer Clothing during the first six months of the year 1897, in conformity with specifications, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until 10 A. M. of Thursday, March 11, 1897. All goods to be delivered on East Twenty-sixth Street Pier, marked "Storekeeper, Blackwell's Island."

Summer Clothing—1, 550 Men's Suits (coat, vest, pants); 2, 550 Men's Undershirts; 3, 550 pairs Men's Drawers; 4, 550 Outing Shirts; 5, 550 pairs Socks; 6, 550 pairs Suspenders; 7, 500 Women's Wrappers; 8, 600 Women's Skirts; 9, 600 Women's Chemise; 10, 600 Women's Vests; 11, 600 pairs Women's Drawers; 12, 600 pairs Women's Stockings; 13, 600 Women's Hats.

No empty packages are to be returned to bidders or contractors except such as are designated in the specifications.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Summer Clothing," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department, or his duly authorized agent, and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from or contract awarded to any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioners.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the bid for each article.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the person making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

The quality of the articles, supplies, goods, wares and merchandise must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

Bidders will state the price for each article, by which the bids will be tested.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine.

The form of the contract, including specifications, and showing the manner of payment, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities will insist upon its absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES, No. 66 THIRD AVENUE, NEW YORK, February 16, 1897.

**TO CONTRACTORS.**

**PROPOSALS FOR MATERIALS AND WORK REQUIRED FOR ONE THREE-STORY STONE AND BRICK EXTENSION AT RANDALL'S ISLAND.**

**SEALED BIDS OR ESTIMATES FOR THE**  
aforesaid work and materials, in accordance with

the specifications and plans, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until Wednesday, March 3, 1897, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Materials and Work Required for One Three-Story Stone and Brick Extension at Randall's Island," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of Fifteen Thousand (\$15,000) Dollars.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they shall pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid, the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract.

The form of the contract, including specifications and showing the manner of payment, can be obtained at the office of John W. Marshall, architect, Room 105, Bible House, Astor place, New York City, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities will insist upon their absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES, No. 66 THIRD AVENUE, NEW YORK, February 16, 1897.

**TO CONTRACTORS.**

**PROPOSALS FOR MASON AND CARPENTER WORK, NEW ELEVATOR, IRONWORK, HEATING AND VENTILATING, PLUMBING AND GAS-FITTING, AND ELECTRIC-WIRING, ETC., BELLEVUE HOSPITAL.**

**SEALED BIDS OR ESTIMATES FOR THE**  
aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until Wednesday, March 3, 1897, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Mason and Carpenter Work, New Elevator, Ironwork, Heating and Ventilating, Plumbing and Gas-fitting, and Electric-wiring, etc., Bellevue Hospital," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.



Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of Twelve Thousand (\$12,000) Dollars.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as surety in good faith, and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller in accordance with the terms of the contract. The form of the contract, including specifications, and showing the manner of payment, can be obtained at the office of John W. Marshall, architect, Room 105, Bible House, Astor place, New York City, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities will insist upon their absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES, No. 66 THIRD AVENUE, NEW YORK, February 16, 1897.

#### TO CONTRACTORS.

PROPOSALS FOR MATERIALS AND WORK REQUIRED FOR EXTENSION TO THE INDUSTRIAL SCHOOL BUILDING, RANDALL'S ISLAND.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until Wednesday, March 3, 1897, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Materials and Work Required for Extension to the Industrial School Building, Randall's Island," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of SEVEN HUNDRED AND FIFTY (\$750) DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of

business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as surety in good faith, and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller in accordance with the terms of the contract. The form of the contract, including specifications, and showing the manner of payment, can be obtained at the office of John W. Marshall, architect, Room 105, Bible House, Astor place, New York City, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities will insist upon their absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES, No. 66 THIRD AVENUE, NEW YORK, February 16, 1897.

#### TO CONTRACTORS.

PROPOSALS FOR MASON AND CARPENTER WORK, COMPOSITION ROOFING, CONCRETING, ETC., TO WAGON HOUSE AND STABLE, HARLEM HOSPITAL.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until Wednesday, March 3, 1897, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Mason and Carpenter Work, Composition Roofing, Concreting, etc., to Wagon House and Stable, Harlem Hospital," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of ONE THOUSAND (\$1,000) DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance; and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as surety in good faith, and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box; and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller in accordance with the terms of the contract.

The form of the contract, including specifications, and showing the manner of payment, can be obtained at the office of John W. Marshall, architect, Room 105, Bible House, Astor place, New York City, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities will insist upon their absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES, No. 66 THIRD AVENUE, NEW YORK, February 16, 1897.

#### TO CONTRACTORS.

PROPOSALS FOR EXCAVATING SUBWAYS AND SEWERS, AND STEAM PIPING, BLACKWELL'S ISLAND.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until Wednesday, March 3, 1897, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Excavating Subways and Sewers and Steam Piping, Blackwell's Island, and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of SIX THOUSAND (\$6,000) DOLLARS.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work 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 therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as surety in good faith, and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract.

The form of the contract, including specifications, and showing the manner of payment, can be obtained at the office of John W. Marshall, architect, Room 105, Bible House, Astor place, New York City, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities will insist upon their absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES, No. 66 THIRD AVENUE, NEW YORK, February 16, 1897.

#### TO CONTRACTORS.

PROPOSALS FOR MATERIALS AND WORK REQUIRED FOR TWO FRAME QUARANTINE PAVILION HOSPITALS, RANDALL'S ISLAND.

SEALED BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities, No. 66 Third Avenue, in the City of New York, until Wednesday, March 3, 1897, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Materials and Work Required for Two Frame Quarantine Pavilion Hospitals, Randall's Island," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 64, CHAPTER 410, LAWS OF 1882.

No bid or estimate will be accepted from, or contract awarded to, any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation.

The award of the contract will be made as soon as practicable after the opening of the bids.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of Twelve Hundred (\$1,200) Dollars.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them 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 Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies 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 therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting; the amount in each case to be calculated upon the estimated amount of the supplies by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as surety in good faith, and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either 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 to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet as provided by law.

Bidders will write out the amount of their estimates in addition to inserting the same in figures.

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract. The form of the contract, including specifications, and showing the manner of payment, can be obtained at the office of John W. Marshall, architect, Room 105, Bible House, Astor place, New York City, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities will insist upon their absolute enforcement in every particular.

SILAS C. CROFT, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

#### CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.: List 5075, No. 1, Outlet sewer in Dyckman street, between Hudson river and Kingsbridge road, with curve in F street and sewer in Kingsbridge road, between Dyckman street and Naegle avenue, and in Kingsbridge road, east side, between Naegle avenue and One Hundred and Seventy-fifth street, with curve



in One Hundred and Seventy-fifth, One Hundred and Eighty-first, One Hundred and Eighty-third and One Hundred and Eighty-fifth streets.

List 5307, No. 2. Regulating, grading, curbing and flagging One Hundred and Eighty-fifth street, from Webster avenue to Third avenue (together with a list of awards for damages caused by a change of grade).

List 5321, No. 3. Regulating, grading, curbing and flagging One Hundred and Eighty-fourth street, from Jerome avenue to Vanderbilt avenue, West (together with a list of awards for damages caused by a change of grade).

List 5348, No. 4. Flagging and reflagging east side of Seventh avenue, between One Hundred and Sixteenth and One Hundred and Eighteenth streets.

List 5349, No. 5. Flagging and reflagging both sides of One Hundred and Fifty-eighth, One Hundred and Fifty-ninth and One Hundred and Sixtieth streets, between Amsterdam and Eleventh avenues.

List 5397, No. 6. Flagging and reflagging, curbing and recurring south side of One Hundred and Eleventh street, commencing at Fifth avenue and extending east about 100 feet.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Dyckman street, from Kingsbridge road to Hudson river; both sides of Kingsbridge road, from One Hundred and Seventy-third street to a point distant about 50 feet north of Hawthorne street; both sides of One Hundred and Ninetieth street; both sides of Eleventh avenue, from One Hundred and Eighty-fifth to One Hundred and Ninetieth street; both sides of Wadsworth avenue, from One Hundred and Seventy-ninth street to a point distant about 150 feet north of One Hundred and Ninetieth street, and both sides of Wadsworth avenue, from One Hundred and Seventy-third to One Hundred and Seventy-fifth street; both sides of Boulevard Lafayette and Fort Washington avenue, from a point just north of a line parallel with the north line of One Hundred and Ninetieth street, and extending northerly and following the line of said avenue and Boulevard until they reach the intersection of Kingsbridge road; both sides of Bolton road, commencing at its intersection with Dyckman street and Kingsbridge road and extending northerly along said road until it reaches the northerly boundary of land known on the tax maps as Farm 48, Ward No. 45; both sides of F street, from Dyckman street to Bolton road; both sides of Prescott avenue, from Bolton road to a point near Nichols place; both sides of Seaman avenue, from Bolton road to Emerson street; both sides of Cooper street, from Academy street to Isham street; both sides of B street and C street, from Dyckman street to the first street south of Dyckman street; both sides of D street, from Dyckman street to Boulevard Lafayette, including also the land between Kingsbridge road and Fort Washington avenue (excepting east side of Fort Washington avenue), from One Hundred and Seventy-third street to a point just north of One Hundred and Ninetieth street; both sides of One Hundred and Seventy-fourth, One Hundred and Seventy-fifth and One Hundred and Seventy-ninth streets, from Wadsworth avenue to Kingsbridge road; both sides of Depot road, from Kingsbridge road to Fort Washington avenue; both sides of One Hundred and Eighty-first street, from Eleventh avenue to Kingsbridge road; both sides of One Hundred and Eighty-second, One Hundred and Eighty-third and One Hundred and Eighty-fourth streets, from Eleventh avenue to Kingsbridge road; both sides of One Hundred and Eighty-fifth street, from Audubon avenue to Kingsbridge road; both sides of One Hundred and Eighty-seventh street from a point distant about 185 feet east of Audubon avenue to Kingsbridge road; both sides of One Hundred and Eighty-eighth and One Hundred and Eighty-ninth streets, from Audubon avenue to Wadsworth avenue; both sides of One Hundred and Ninetieth street, from Eleventh avenue to Kingsbridge road; both sides of Kingsbridge road; both sides of Hillside road; both sides of Academy street, from Kingsbridge road to Seaman avenue; both sides of Hawthorne street, from Kingsbridge road to Seaman avenue, and both sides of Emerson street, from C street to Seaman avenue.

No. 2. Both sides of One Hundred and Seventy-fifth street, from Webster to Third avenue, and to the extent of half the block at the intersecting avenue.

No. 3. Both sides of One Hundred and Eighty-fourth street, from Jerome avenue to Vanderbilt avenue, West, and to the extent of half the block at the intersecting avenues.

No. 4. East side of Seventh avenue, from One Hundred and Sixteenth to One Hundred and Seventeenth streets.

No. 5. Both sides of One Hundred and Fifty-eighth, One Hundred and Fifty-ninth and One Hundred and Sixtieth streets, between Amsterdam and Eleventh avenues.

No. 6. Southeast corner of Fifth avenue and One Hundred and Eleventh street, in Block 1675, Ward No. 69.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 27th day of March, 1897.

THOMAS J. RUSH, Chairman; PATRICK M. HAVERTY, JOHN W. JACOBUS, EDWARD McCUE, Board of Assessors.

New York, February 24, 1897.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 4900, No. 1. Regulating, grading, curbing and flagging One Hundred and Thirtieth street, from Convent avenue to St. Nicholas terrace (together with a list of awards for damages caused by a change of grade).

List 5350, No. 2. Fencing the vacant lots on the south side of Eighty-fourth street, between Amsterdam and Boulevard.

List 5372, No. 3. Curbing and flagging sidewalks in front of Nos. 316 to 326 East Forty-sixth street.

List 5373, No. 4. Flagging and reflagging, curbing and recurring sidewalks in front of No. 425 East Eighty-fourth street.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of One Hundred and Thirtieth street, from Convent avenue to St. Nicholas terrace, and to the extent of half the block at the intersecting avenues.

No. 2. South side of Eighty-fourth street, between Amsterdam and Boulevard, on Block 1231, Lot Nos. 38, 45 and 46.

No. 3. South side of East Forty-sixth street, on Block 1338, Lot Nos. 40, 41, 42 and 43.

No. 4. North side of East Eighty-fourth street, on Block 1564, Lot No. 12.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 20th day of March, 1897.

THOMAS J. RUSH, Chairman; PATRICK M. HAVERTY, JOHN W. JACOBUS, EDWARD McCUE, Board of Assessors.

New York, February 17, 1897.

**PUBLIC NOTICE IS HEREBY GIVEN TO THE** owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

List 5307, No. 1. Receiving-basin on the northwest corner of One Hundred and Sixty-eighth street and Amsterdam avenue.

List 5400, No. 2. Receiving-basin and appurtenances on the southeast corner of Fulton avenue and East One Hundred and Sixty-eighth street.

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Block bounded by One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets, Audubon avenue and Amsterdam avenue.

No. 2. South side of One Hundred and Sixty-eighth street, from Franklin to Fulton avenue, and east side of Fulton avenue, extending about 220 feet south of One Hundred and Sixty-eighth street.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Chairman of the Board of Assessors, at their office, No. 27 Chambers street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments, for confirmation on the 17th day of March, 1897.

THOMAS J. RUSH, Chairman; PATRICK M. HAVERTY, JOHN W. JACOBUS, EDWARD McCUE, Board of Assessors.

New York, February 15, 1897.

## TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS, STEWART BUILDING, NO. 280 BROADWAY, NEW YORK, JANUARY 11, 1897.

**IN COMPLIANCE WITH SECTION 817 OF THE** New York City Consolidation Act of 1882, notice is hereby given that the books of the Annual Record of the Assessed Valuations of Real and Personal Estate of the City and County of New York, for the year 1897, are open and will remain open for examination and correction until the 30th day of April, 1897.

All persons believing themselves aggrieved must make application to the Commissioners of Taxes and Assessments, at this office, during the period said books are open, in order to obtain the relief provided by law.

Applications for correction of assessed valuations on personal estate must be made by the person assessed to the said Commissioners, between the hours of 10 A. M. and 2 P. M., except on Saturdays, when between 10 A. M. and 12 M., at this office, during the said period.

EDWARD P. BARKER, THEODORE SUTRO, JAMES L. WELLS, Commissioners of Taxes and Assessments.

## SUPREME COURT.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on AVENUE A, SEVENTY-SEVENTH AND SEVENTY-EIGHTH STREETS, in the Nineteenth Ward of said city, duly selected and approved by said Board as a site for school purposes under and in pursuance of the provisions of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890, hereby give notice to the owner or owners, lessee or lessees, parties and persons residing, entitled to or interested in the lands, tenements, hereditaments and premises, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our estimate of the loss and damage to the respective owners, lessees, parties and persons interested in the lands or premises affected by this proceeding, or having any interest therein, and have filed a true report or transcript of such estimate in the office of the Board of Education for the inspection of whomsoever it may concern.

Second—That all parties or persons whose rights may be affected by the said estimate, and who may object to the same, or any part thereof, may, within ten days after the first publication of this notice, February 26, 1897, file their objections to such estimate, in writing, with us, at our office, Room No. 2, on the fourth floor of the Staats-Zeitung Building, No. 2 Tryon Row, in said city, as provided by section 4 of chapter 191 of the Laws of 1888, as amended by chapter 35 of the Laws of 1890; and that we, the said Commissioners, will hear parties so objecting at our said office, on March 10, 1897, at 4 o'clock in the afternoon, and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at Part III., in the County Court-house, in the City of New York, on the 29th day of March, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 24, 1897.

EDWARD L. PARRIS, THOMAS J. MILLER, J. D. ROMAN BALDWIN, Commissioners.

JOSEPH M. SCHENCK, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to WALTON AVENUE (although not yet named by proper authority), from East One Hundred and Thirtieth street to East One Hundred and Fiftieth street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III., in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Walton avenue, from East One Hundred and Thirtieth street to East One Hundred and Fiftieth street, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

**PARCEL "A."** Beginning at a point in the southern line of East One Hundred and Forty-fourth street distant 225.75 feet easterly from the intersection of the southern line of East One Hundred and Forty-fourth street with the eastern line of Gerard avenue.

1st. Thence easterly along the southern line of East One Hundred and Forty-fourth street for 60 feet.

2d. Thence southerly deflecting 90 degrees 9 minutes 30 seconds to the right for 1,202.93 feet to the northern line of East One Hundred and Thirtieth street.

3d. Thence westerly along the northern line of East One Hundred and Thirtieth street for 61.30 feet.

4th. Thence northerly for 1,190.19 feet to the point of beginning.

**PARCEL "B."** Beginning at a point in the southern line of East One Hundred and Forty-ninth street distant 277.94 feet easterly from the intersection of the southern line of East One Hundred and Forty-ninth street with the eastern line of Gerard avenue.

1st. Thence easterly along the southern line of East One Hundred and Forty-ninth street for 60.24 feet.

2d. Thence southerly deflecting 84 degrees 32 minutes 32 seconds to the right for 441.73 feet.

3d. Thence southerly deflecting 4 degrees 9 minutes 19 seconds to the right for 60.01 feet.

4th. Thence southerly deflecting 1 degree 21 minutes 49 seconds to the right for 100.13 feet to the northern line of East One Hundred and Forty-fourth street.

5th. Thence westerly along the northern line of East One Hundred and Forty-fourth street for 60 feet.

6th. Thence northerly deflecting 90 degrees 9 minutes 30 seconds to the right for 108.93 feet.

7th. Thence northerly deflecting 1 degree 35 minutes 55 seconds to the left for 60.01 feet.

8th. Thence northerly for 441.66 feet to the point of beginning.

**PARCEL "C."** Beginning at a point in the northern line of East One Hundred and Forty-ninth street distant 211.43 feet easterly from the intersection of the northern line of East One Hundred and Forty-ninth street with the eastern line of Gerard avenue.

1st. Thence easterly along the northern line of East One Hundred and Forty-ninth street for 60.60 feet.

2d. Thence northerly deflecting 98 degrees 5 minutes 43 seconds to the left for 288.75 feet to the southern line of East One Hundred and Fiftieth street.

3d. Thence westerly along the southern line of East One Hundred and Fiftieth street for 60.76 feet.

4th. Thence southerly for 289.82 feet to the point of beginning.

Walton avenue is designated as a street of the first class, and is shown on section 7 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, section 2 on June 13, 1894, and section 3 on January 1894; in the office of the Register of the City and County of New York, section 2 on June 15, 1894, and section 3 on January 19, 1894; and in the office of the Secretary of State of the State of New York, section 2 on June 15, 1894, and section 3 on January 20, 1894.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CONCORD AVENUE (although not yet named by proper authority), from East One Hundred and Forty-first street to Kelly street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III., in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Concord avenue, from East One Hundred and Forty-first street to Kelly street, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

**PARCEL "A."** Beginning at a point in the southern line of St. Mary's street distant 201.35 feet easterly from the intersection of the southern line of St. Mary's street with the eastern line of Robbins avenue.

1st. Thence easterly along the southern line of St. Mary's street for 60.40 feet.

2d. Thence southerly deflecting 96 degrees 38 minutes 19 seconds to the right for 682.95 feet to the northern line of East One Hundred and Forty-first street.

3d. Thence westerly along the northern line of East One Hundred and Forty-first street for 60 feet.

4th. Thence northerly for 675.97 feet to the point of beginning.

**PARCEL "B."** Beginning at a point in the northern line of St. Mary's street distant 206.30 feet easterly from the intersection of the northern line of St. Mary's street with the eastern line of Robbins avenue.

1st. Thence easterly along the northern line of St. Mary's street for 60 feet.

2d. Thence northerly deflecting 90 degrees to the left for 262.48 feet to the southern line of St. Joseph's street.

3d. Thence westerly along the southern line of St. Joseph's street for 60 feet.

4th. Thence southerly for 262.48 feet to the point of beginning.

**PARCEL "C."** Beginning at a point in the southern line of Crane street distant 200 feet easterly from the intersection of the southern line of Crane street with the eastern line of Robbins avenue.

1st. Thence easterly along the southern line of Crane street for 60 feet.

2d. Thence southerly deflecting 90 degrees to the right for 275 feet to the northern line of St. Joseph's street.

3d. Thence westerly along the northern line of St. Joseph's street for 60 feet.

4th. Thence northerly for 275 feet to the point of beginning.

**PARCEL "D."** Beginning at a point in the northern line of Crane street distant 200 feet easterly from the intersection of the northern line of Crane street with the eastern line of Robbins avenue.

1st. Thence easterly along the northern line of Crane street for 60 feet.

2d. Thence northerly deflecting 90 degrees to the left for 425 feet to the southern line of Dater street.

3d. Thence westerly along the southern line of Dater street for 60 feet.

4th. Thence southerly for 425 feet to the point of beginning.

**PARCEL "E."** Beginning at a point in the southern line of East One Hundred and Forty-ninth street distant 200 feet easterly from the intersection of the southern line of East One Hundred and Forty-ninth street with the eastern line of Robbins avenue.

1st. Thence easterly along the southern line of East One Hundred and Forty-ninth street for 60 feet.

2d. Thence southerly deflecting 90 degrees to the left for 225 feet to the southern line of Fox street.

3d. Thence westerly along the northern line of Fox street for 60 feet.

4th. Thence southerly for 225 feet to the point of beginning.

**PARCEL "F."** Beginning at a point in the northern line of East One Hundred and Forty-ninth street distant 200 feet easterly from the intersection of the northern line of East One Hundred and Forty-ninth street with the eastern line of Robbins avenue.

1st. Thence easterly along the northern line of East One Hundred and Forty-ninth street for 60 feet.

2d. Thence northerly deflecting 90 degrees to the left for 225 feet to the southern line of Fox street.

3d. Thence westerly along the northern line of Fox street for 60 feet.

4th. Thence southerly for 225 feet to the point of beginning.

**PARCEL "G."** Beginning at a point in the southern line of Beck street distant 200 feet easterly from the intersection of the southern line of Beck street with the eastern line of Robbins avenue.

1st. Thence easterly along the southern line of Beck street for 60 feet.

2d. Thence southerly deflecting 90 degrees to the right for 350 feet to the northern line of Fox street.

3d. Thence westerly along the northern line of Fox street for 60 feet.

4th. Thence northerly for 350 feet to the point of beginning.

**PARCEL "H."** Beginning at a point in the northern line of Beck street distant 200 feet easterly from the intersection of the northern line of Beck street with the eastern line of Robbins avenue.

1st. Thence easterly along the northern line of Beck street for 60 feet.

2d. Thence northerly deflecting 90 degrees to the left for 295 feet to the southern line of Kelly street.

3d. Thence westerly along the southern line of Kelly street for 60 feet.

4th. Thence southerly for 295 feet to the point of beginning.

Concord avenue is designated as a street of the first class, and is shown on sections 2 and 3 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, section 2 on June 13, 1894, and section 3 on January 1894; in the office of the Register of the City and County of New York, section 2 on June 15, 1894, and section 3 on January 19, 1894; and in the office of the Secretary of State of the State of New York, section 2 on June 15, 1894, and section 3 on January 20, 1894.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

the southern line of Beck street with the eastern line of Robbins avenue.

1st. Thence easterly along the southern line of Beck street for 60 feet.

2d. Thence southerly deflecting 90 degrees to the right for 350 feet to the northern line of Fox street.

3d. Thence westerly along the northern line of Fox street for 60 feet.

4th. Thence northerly for 350 feet to the point of beginning.

**PARCEL "H."** Beginning at a point in the northern line of Beck street distant 200 feet easterly from the intersection of the northern line of Beck street with the eastern line of Robbins avenue.

1st. Thence easterly along the northern line of Beck street for 60 feet.

2d. Thence northerly deflecting 90 degrees to the left for 295 feet to the southern line of Kelly street.

3d. Thence westerly along the southern line of Kelly street for 60 feet.

4th. Thence southerly for 295 feet to the point of beginning.

Concord avenue is designated as a street of the first class, and is shown on sections 2 and 3 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, section 2 on June 13, 1894, and section 3 on January 1894; in the office of the Register of the City and County of New York, section 2 on June 15, 1894, and section 3 on January 19, 1894; and in the office of the Secretary of State of the State of New York, section 2 on June 15, 1894, and section 3 on January 20, 1894.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SIXTIETH STREET (formerly Denham place) (although not yet named by proper authority), from Cauldwell avenue to Prospect avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III., in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Sixtieth street, from Cauldwell avenue to Prospect avenue, in the Twenty-third Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

**PARCEL "A."** Beginning at a point in the western line of Trinity avenue distant 246.30 feet southerly from the intersection of the western line of Trinity avenue with the southern line of East One Hundred and Sixty-first street.



In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SIXTY FOURTH STREET (although not yet named by proper authority) from Summit avenue to Anderson avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of a certain street or avenue known as East One Hundred and Sixty-fourth street, from Summit avenue to Anderson avenue, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

**PARCEL "A."**

Beginning at a point in the western line of Ogden avenue distant 1,295.11 feet northeasterly from the intersection of the western line of Ogden avenue with the northern line of Jerome avenue.

1st. Thence northeasterly along the western line of Ogden avenue for 50 feet.

2d. Thence northwesterly deflecting 90 degrees to the right for 190 feet to the eastern line of Summit avenue.

3d. Thence southwesterly along the eastern line of Summit avenue for 50 feet.

4th. Thence southeasterly for 190 feet to the point of beginning.

**PARCEL "B."**

Beginning at a point in the eastern line of Ogden avenue distant 1,152.03 feet northeasterly from the intersection of the eastern line of Ogden avenue with the northern line of Jerome avenue.

1st. Thence northeasterly along the eastern line of Ogden avenue for 50 feet.

2d. Thence southeasterly deflecting 90 degrees to the right for 179.93 feet to the eastern line of Nelson avenue.

3d. Thence northeasterly along the eastern line of Nelson avenue for 36.95 feet.

4th. Thence southeasterly, curving to the left on the arc of a circle tangent to the preceding course whose radius is 25 feet, for 41.12 feet.

5th. Thence southeasterly on a line tangent to the preceding course for 177.96 feet to the western line of Woodcrest avenue (legally opened as Bremer avenue).

6th. Thence southerly along the western line of Woodcrest avenue for 88.79 feet.

7th. Thence northerly, curving to the left on the arc of a circle tangent to the preceding course whose radius is 25 feet, for 42.38 feet.

8th. Thence northwesterly on a line tangent to the preceding course for 289.73 feet to the point of beginning.

**PARCEL "C."**

Beginning at a point in the eastern line of Woodcrest avenue (legally opened as Bremer avenue) distant 966.33 feet northeasterly from the intersection of the eastern line of Woodcrest avenue with the northern line of Jerome avenue.

1st. Thence northeasterly along the eastern line of Woodcrest avenue for 50 feet.

2d. Thence southeasterly deflecting 90 degrees to the right for 200 feet.

3d. Thence southwesterly deflecting 90 degrees to the right for 50 feet.

4th. Thence northwesterly for 200 feet to the point of beginning.

East One Hundred and Sixty-fourth street is designated as a street of the first class, and is shown on section 8 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on November 11, 1895, in the office of the Register of the City and County of New York on November 12, 1895, and in the office of the Secretary of State of the State of New York on November 13, 1895.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND SIXTY-THIRD STREET (formerly Coleman street, although not yet named by proper authority), from Ogden avenue to Bremer avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of a certain street or avenue known as East One Hundred and Sixty-third street (formerly Coleman street), from Ogden avenue to Bremer avenue, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Ogden avenue distant 942.03 feet northeasterly from the intersection of the eastern line of Ogden avenue with the northern line of Jerome avenue.

1st. Thence northeasterly along the eastern line of Ogden avenue for 50 feet.

2d. Thence easterly deflecting 90 degrees to the right for 293.05 feet to the western line of Bremer avenue.

3d. Thence southwesterly along the western line of Bremer avenue for 50.39 feet.

4th. Thence westerly for 286.80 feet to the point of beginning.

East One Hundred and Sixty-third street is designated as a street of the first class, and is shown on section 8 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on November 11, 1895, in the office of the Register of the City and County of New York on November 12, 1895, and in the office of the Secretary of State of the State of New York on November 13, 1895.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CROMWELL AVENUE (although not yet named by proper authority), from East One Hundred and Fiftieth street to Jerome avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of a certain street or avenue known as Belmont avenue, from Tremont avenue to the lands of St. John's College, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the southern line of Pelham avenue distant 832.18 feet westerly from the intersection of the southern line of Pelham avenue with the western line of Southern Boulevard.

1st. Thence westerly along the southern line of Pelham avenue for 50.03 feet.

2d. Thence southwesterly deflecting 79 degrees 3 minutes to the left for 1,665.95 feet.

3d. Thence southeasterly deflecting 97 degrees 56 minutes 38 seconds to the left for 127.92 feet.

4th. Thence southwesterly deflecting 86 degrees 12 minutes 18 seconds to the right for 1,032.19 feet.

5th. Thence westerly, curving to the right on the arc of a circle tangent to the preceding course whose radius is 50 feet, for 90.45 feet.

6th. Thence southwesterly on a line deflecting 1 degree 43 minutes 48 seconds to the left from the southern prolongation of the radius of the preceding course drawn through its western extremity for 89.99 feet.

7th. Thence southwesterly deflecting 6 degrees 59 minutes 3 seconds to the left for 900.29 feet.

8th. Thence southwesterly deflecting 2 degrees 23 minutes 59 seconds to the left for 81.10 feet.

9th. Thence southwesterly deflecting 8 degrees 3 minutes 1 second to the right for 509.98 feet.

10th. Thence southwesterly deflecting 5 degrees 31 minutes 29 seconds to the left for 60.45 feet.

11th. Thence southwesterly deflecting 1 degree 35 minutes 4 seconds to the left for 535.99 feet to the northern line of East One Hundred and Seventy-seventh street (legally opened as Tremont avenue).

12th. Thence easterly along the northern line of East One Hundred and Seventy-seventh street for 50.56 feet.

13th. Thence northeasterly deflecting 98 degrees 34 minutes 16 seconds to the left for 535.99 feet.

14th. Thence northeasterly deflecting 1 degree 4 minutes 6 seconds to the right for 60.52 feet.

15th. Thence northeasterly deflecting 6 degrees 2 minutes 27 seconds to the right for 510.04 feet.

16th. Thence northeasterly deflecting 0 degrees 39 minutes 30 seconds to the left for 80.05 feet.

17th. Thence northeasterly deflecting 4 degrees 59 minutes 32 seconds to the left for 896.03 feet.

18th. Thence northeasterly deflecting 30 degrees 33 minutes 30 seconds to the right for 123.35 feet.

19th. Thence northeasterly deflecting 35 degrees 29 minutes 40 seconds to the left for 1,125.51 feet.

20th. Thence northwesterly deflecting 60 degrees 49 minutes 43 seconds to the left for 20.22 feet.

21st. Thence northwesterly deflecting 17 degrees 25 minutes 57 seconds to the left for 25.27 feet.

22d. Thence northeasterly for 1,583.78 feet to the point of beginning.

Beginning at a point in the northern line of Pelham avenue distant 753.47 feet westerly from the intersection of the northern line of Pelham avenue with the western line of Southern Boulevard.

1st. Thence westerly along the northern line of Pelham avenue for 50.93 feet.

2d. Thence northeasterly deflecting 100 degrees 57 minutes to the right for 295.47 feet.

3d. Thence southeasterly deflecting 90 degrees to the right for 50 feet.

4th. Thence southwesterly for 285.80 feet to the point of beginning.

Belmont avenue is designated as a street of the first class and is shown on sections 10 and 13 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, section 10 on June 10, 1895, and section 13 on October 31, 1895; in the office of the Register of the City and County of New York, section 10 on June 14, 1895, and section 13 on November 2, 1895; in the office of the Secretary of State of the State of New York, section 10 on June 15, 1895, and section 13 on November 2, 1895.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CROMWELL AVENUE (although not yet named by proper authority), from East One Hundred and Fiftieth street to Jerome avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of a certain street or avenue known as Belmont avenue, from Tremont avenue to the lands of St. John's College, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the southern line of East One Hundred and Sixty-first street distant 545.13 feet westerly from the intersection of the southern line of East One Hundred and Sixty-first street with the western line of Gerard avenue.

1st. Thence westerly along the southern line of East One Hundred and Sixty-first street for 62.12 feet.

2d. Thence southerly deflecting 105 degrees 0 minutes 10 seconds to the left for 1,481.18 feet.

3d. Thence southerly deflecting 7 degrees 39 minutes 38 seconds to the left for 1,415.61 feet.

4th. Thence easterly deflecting 86 degrees 39 minutes 25 seconds to the left for 60.10 feet.

5th. Thence northerly deflecting 93 degrees 20 minutes 35 seconds to the left for 1,415.10 feet.

6th. Thence northerly for 1,461.08 feet to the point of beginning.

**PARCEL "A."**

Beginning at a point in the southern line of East One Hundred and Sixty-first street distant 545.13 feet westerly from the intersection of the southern line of East One Hundred and Sixty-first street with the western line of Gerard avenue.

1st. Thence westerly along the southern line of East One Hundred and Sixty-first street for 62.12 feet.

2d. Thence southerly deflecting 105 degrees 0 minutes 10 seconds to the left for 1,481.18 feet.

3d. Thence southerly deflecting 7 degrees 39 minutes 38 seconds to the left for 1,415.61 feet.

4th. Thence easterly deflecting 86 degrees 39 minutes 25 seconds to the left for 60.10 feet.

5th. Thence northerly deflecting 93 degrees 20 minutes 35 seconds to the left for 1,415.10 feet.

6th. Thence northerly for 1,461.08 feet to the point of beginning.

**PARCEL "B."**

Beginning at a point in the northern line of East One Hundred and Sixty-first street distant 545.13 feet westerly from the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Gerard avenue.

1st. Thence westerly along the northern line of East One Hundred and Sixty-first street for 62.12 feet.

2d. Thence northerly deflecting 71 degrees 59 minutes 50 seconds to the right for 1,620.26 feet to the southern line of East One Hundred and Sixty-first street.

3d. Thence easterly along the southern line of East One Hundred and Sixty-first street for 60 feet.

4th. Thence southerly for 1,635.73 feet to the point of beginning.

**PARCEL "C."**

Beginning at a point in the northern line of East One Hundred and Sixty-fifth street distant 540.03 feet westerly from the intersection of the northern line of East One Hundred and Sixty-fifth street with the western line of Gerard avenue.

1st. Thence westerly along the northern line of East One Hundred and Sixty-fifth street for 60 feet.

2d. Thence northerly deflecting 83 degrees 24 minutes 50 seconds to the right for 1,342.47 feet to the eastern line of Jerome avenue.

3d. Thence northeasterly along the eastern line of Jerome avenue for 85.85 feet to the southern line of East One Hundred and Sixty-seventh street.

4th. Thence easterly along the southern line of East One Hundred and Sixty-seventh street for 23.71 feet.

5th. Thence southerly for 1,410.88 feet to the point of beginning.

Cromwell avenue is designated as a street of the first class and is shown on sections 7 and 8 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, section 7 on October 31, 1895, and section 8 on November 11, 1895; in the office of the Register of the City and County of New York, section 7 on November 12, 1895, and section 8 on November 12, 1895; in the office of the Secretary of State of the State of New York, section 7 on November 2, 1895, and section 8 on November 13, 1895.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to BELMONT AVENUE (although not yet named by proper authority), from Tremont avenue to the lands of St. John's College, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of a certain street or avenue known as Belmont avenue, from Tremont avenue to the lands of St. John's College, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Hunt's Point road distant 349.24 feet southerly from the intersection of the eastern line of Hunt's Point road with the southern line of Whitlock avenue.

1st. Thence southerly along the eastern line of Hunt's Point road for 124.58 feet.

2d. Thence northeasterly curving to the right on the arc of a circle tangent to the preceding course whose radius is 22.37 feet for 28.83 feet.

3d. Thence easterly on a line tangent to the preceding course for 774.35 feet to the western line of Bryant street.

4th. Thence northerly along the western line of Bryant street for 81.37 feet.

5th. Thence westerly deflecting 100 degrees 31 minutes 47 seconds to the left for 78.22 feet.

6th. Thence northwesterly curving to the right on the arc of a circle whose radius is 18.24 feet for 43.18 feet to the point of beginning.

**PARCEL "B."**

Beginning at a point in the eastern line of Hunt's Point road distant 349.24 feet southerly from the intersection of the eastern line of Hunt's Point road with the southern line of Whitlock avenue.

1st. Thence southerly along the eastern line of Hunt's Point road for 124.58 feet.

2d. Thence northeasterly curving to the right on the arc of a circle tangent to the preceding course whose radius is 22.37 feet for 28.83 feet.

3d. Thence easterly on a line tangent to the preceding course for 774.35 feet to the western line of Bryant street.

4th. Thence northerly along the western line of Bryant street for 81.37 feet.

5th. Thence westerly deflecting 100 degrees 31 minutes 47 seconds to the left for 78.22 feet.

6th. Thence northwesterly curving to the right on the arc of a circle whose radius is 18.24 feet for 43.18 feet to the point of beginning.

**PARCEL "C."**

Beginning at a point in the western line of Longfellow street distant 511.88 feet southerly from the intersection of the western line of Longfellow street with the southern line of Whitlock avenue.

1st. Thence southerly along the western line of Longfellow street for 84.30 feet.

2d. Thence westerly deflecting 108 degrees 31 minutes 16 seconds to the right for 200 feet to the eastern line of Bryant street.

3d. Thence northerly along the easterly line of Bryant street for 83.66 feet.

4th. Thence easterly for 197.61 feet to the point of beginning.

**PARCEL "D."**

Beginning at a point in the eastern line of Longfellow street distant 557.40 feet southerly from the intersection of the eastern line of Longfellow street with the southern line of Whitlock avenue.

1st. Thence southerly along the eastern line of Longfellow street for 83.36 feet.

2d. Thence easterly deflecting 73 degrees 39 minutes 53 seconds to the left for 200 feet to the western line of Whittier street.

3d. Thence northerly along the western line of Whittier street for 84.45 feet.

4th. Thence westerly for 214.99 feet to the point of beginning.

**PARCEL "E."**

Beginning at a point in the eastern line of Whittier street distant 861.59 feet from the intersection of the eastern line of Whittier street with the southern line of Whitlock avenue.

1st. Thence southerly along the easterly line of Whittier street for 50.41 feet.

2d. Thence easterly deflecting 84 degrees 15 minutes 1 second to the left for 407.35 feet.

3d. Thence northerly deflecting 96 degrees 9 minutes 36 seconds to the left for 80.45 feet.

4th. Thence westerly for 406.77 feet to the point of beginning.

Mohawk avenue (now Garrison avenue) is designated as a street of the first class, and is shown on sections 4 and 11 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York, section 4 on July 8, 1893, and section 11 on June 13, 1894; in the office of the Register of the City and County of New York, section 4 on July 12, 1893, and section 11 on June 15, 1894, and in the office of the Secretary of State of the State of New York, section 4 on July 1893, and section 11 on June 15, 1894.

Dated New York, February 26, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation,

No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND THIRTY-FIRST STREET (although not yet named by proper authority), from St. Ann's avenue to Willow avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Thursday, the 11th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Thirty-first street, from St. Ann's avenue to Willow avenue, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the northern line of Pelham avenue distant 982.64 feet westerly from the intersection of the northern line of Pelham avenue with the western line of Southern Boulevard.

1st. Th



thereafter as counsel can be heard thereon, for the appointment of Commissioners of Appraisal in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands and premises, and the appurtenances thereto belonging, on the westerly side of Mott street, between Broome and Grand streets, in the Fourteenth Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1884: said property having been duly selected by said Board of Fire Commissioners of the City of New York as a site for buildings for the use of the Fire Department of said city, under and in pursuance of the provisions of said chapter 191 of the Laws of 1884, being the following described lot, piece or parcel of land, namely:

All that certain lot, piece or parcel of land situate, lying and being in the Fourteenth Ward of the City of New York, bounded and described as follows:

Beginning at a point on the westerly side of Mott street, distant 224 feet 6½ inches northerly from the corner formed by the intersection of the northerly side of Grand street with the westerly side of Mott street; running thence northerly along the westerly side of Mott street 25 feet; thence westerly parallel or nearly so with the northerly side of Grand street 100 feet 11½ inches; thence southerly parallel or nearly so to the westerly side of Mott street 24 feet 8½ inches; thence easterly parallel or nearly so to the northerly side of Grand street 100 feet 9 inches to the point or place of beginning.

Dated, NEW YORK, February 16, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the southerly side of TWENTY-EIGHTH STREET, between Second and Third avenues, in the Twenty-first Ward of said City, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof,

**PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888,** and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 15th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the southerly side of Twenty-eighth street, between Second and Third avenues, in the Twenty-first Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following described lot, piece or parcel of land, namely:

All that certain lot, piece or parcel of land situate, lying and being in the Twenty-first Ward of the City of New York, bounded and described as follows:

Beginning at a point in the southerly line of Twenty-eighth street distant 300 feet westerly from the corner formed by the intersection of the westerly line of Second avenue with the southerly line of Twenty-eighth street, which point is also the intersection of the westerly line of the present site of Grammar School No. 24 with the southerly line of Twenty-eighth street; running thence southerly parallel with Second avenue and along the said westerly line of the present site of Grammar School No. 24 98 feet 9 inches to the center line of the block; thence westerly along the said center line of the block 22 feet; thence northerly parallel with Second avenue 98 feet and 9 inches to the southerly line of Twenty-eighth street; thence easterly along said southerly line of Twenty-eighth street 22 feet to the point or place of beginning.

Dated, NEW YORK, February 16, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on WADSWORTH AVENUE, ONE HUNDRED AND EIGHTY-SECOND AND ONE HUNDRED AND EIGHTY-THIRD STREETS, in the Twelfth Ward of said City, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof,

**PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888,** and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 15th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on Wadsworth avenue, One Hundred and Eighty-second and One Hundred and Eighty-third streets, in the Twelfth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land, situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

Beginning at a point in the southerly line of One Hundred and Eighty-third street, distant 130 feet westerly from the corner formed by intersection of the westerly line of Eleventh avenue with the southerly line of One Hundred and Eighty-third street; running thence southerly parallel with Eleventh avenue, 184 feet and 8 inches to the northerly line of One Hundred and Eighty-second street; thence westerly along said northerly line of One Hundred and Eighty-second street 50 feet to the easterly line of the present site of Primary School No. 32; thence northerly parallel with Eleventh avenue and along the said easterly line of the present site of Primary School No. 32, 79 feet and 9 inches; thence westerly parallel with One Hundred and Eighty-second street and along the northerly line of the present site of Primary School No. 32, 100 feet to the easterly line of Wadsworth avenue (proposed); thence northerly along said easterly line of Wadsworth avenue (proposed) 104 feet and 11 inches to the southerly line of One Hundred and Eighty-third street; thence easterly along said southerly line of One Hundred and Eighty-third street, 150 feet to the point or place of beginning.

Dated, NEW YORK, February 16, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of ONE HUNDRED AND FOURTH STREET and the southerly side of ONE HUNDRED AND FIFTH STREET, between First and Second avenues, in the Twelfth Ward of said City, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof,

**PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888,** and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 15th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the northerly side of One Hundred and Fourth street and the southerly side of One Hundred and Fifth street, between First and Second avenues, in the Twelfth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

Beginning at a point in the southerly line of One Hundred and Fifth street distant 250 feet easterly from the corner formed by the intersection of the easterly line of Second avenue with the southerly line of One Hundred and Fifth street; running thence easterly and along said southerly line of One Hundred and Fifth street 150 feet; thence southerly and parallel with Second avenue 201 feet and 10 inches to the northerly line of One Hundred and Fourth street; thence westerly along said northerly line of One Hundred and Fourth street 150 feet; thence northerly and parallel with Second avenue 201 feet and 10 inches to the point or place of beginning.

Dated, NEW YORK, February 16, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FORTY-SEVENTH STREET, although not yet named by proper authority, from the Southern Boulevard to Austin place, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Friday, the 26th day of February, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Forty-seventh street, from the Southern Boulevard to Austin place, in the Twenty-third Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of the Southern Boulevard distant 650.79 feet southwestwardly from the intersection of the eastern line of the Southern Boulevard with the southerly line of East One Hundred and Forty-ninth street.

1st. Thence southwesterly along the eastern line of the Southern Boulevard for 60.37 feet.

2d. Thence easterly, deflection 124 degrees 4 minutes 40 seconds to the left for 127.82 feet.

3d. Thence northeasterly, deflection 55 degrees 55 minutes 20 seconds to the left for 10.37 feet.

4th. Thence westerly for 627.82 feet to the point of beginning.

East One Hundred and Forty-seventh street is designated as a street of the first class, and is shown on section 2 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on June 13, 1894, in the office of the Register of the City and County of New York on June 15, 1894, and in the office of the Secretary of State of the State of New York on June 15, 1894.

Dated, NEW YORK, February 13, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FIFTY-NINTH STREET, although not yet named by proper authority, from Walton avenue to Sheridan avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

**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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Friday, the 26th day of February 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Fifty-ninth street, from Walton avenue to Sheridan avenue, in the Twenty-third Ward of the City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Walton avenue distant 125.97 feet northeasterly from the intersection of the eastern line of Walton avenue with the northern line of East One Hundred and Fifty-eighth street (legally opened as Juliet street).

1st. Thence northeasterly along the eastern line of Walton avenue for 50 feet.

2d. Thence southeasterly, deflection 89 degrees 35 minutes 33 seconds to the right for 783.65 feet.

3d. Thence southwesterly, deflection 97 degrees 5 minutes 8 seconds to the right for 50.38 feet.

4th. Thence northwesterly for 777.79 feet to the point of beginning.

East One Hundred and Fifty-ninth street, from Walton avenue to Sheridan avenue, is designated as a street of the first class and is fifty feet wide, and is shown on Section 7 of the Final Maps and Profiles of the Twenty-third and Twenty-

fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on October 31, 1895, in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

Dated, NEW YORK, February 13, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on AUDUBON AVENUE, ONE HUNDRED AND SIXTY-EIGHTH AND ONE HUNDRED AND SIXTY-NINTH STREETS, in the Twelfth Ward of said City, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof,

**PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888,** and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 15th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on Audubon avenue, One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets, in the Twelfth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

Beginning at the corner formed by the intersection of the westerly line of Audubon avenue with the northerly line of One Hundred and Sixty-eighth street; running thence westerly along said northerly line of One Hundred and Sixty-eighth street 150 feet; thence northerly parallel with Audubon avenue 180 feet to the southerly line of One Hundred and Sixty-ninth street; thence easterly along said southerly line of One Hundred and Sixty-ninth street 150 feet to the westerly line of Audubon avenue; thence southerly along said westerly line of Audubon avenue 180 feet to the point or place of beginning.

Dated, NEW YORK, February 16, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on COLUMBINE STREET, MONROE AND JACKSON AVENUES, in the Twenty-fourth Ward of said City, duly selected and approved by said Board as a site for school purposes under and in pursuance of the provisions of chapter 191 of the Laws of 1888 and the various statutes amendatory thereof,

**PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888,** and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 15th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on Columbine street, Monroe and Jackson avenues in the Twenty-fourth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twenty-fourth Ward of the City of New York, bounded and described as follows:

Beginning at the corner formed by the intersection of the southerly line of Columbine street, formerly known as Columbia avenue, with the easterly line of Monroe avenue; running thence easterly along the southerly line of Columbine street 200 feet to the westerly line of Jackson avenue; thence southerly along said westerly line of Jackson avenue 125 feet; thence westerly parallel with the said southerly line of Columbine street 200 feet to the easterly line of Monroe avenue; thence northerly along said easterly line of Monroe avenue 125 feet to the point or place of beginning.

Dated, NEW YORK, February 16, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation, No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening VYSE STREET (although not yet named by proper authority), from Boston road to the Bronx Park, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**NOTICE IS HEREBY GIVEN THAT WE, THE UNDERSIGNED,** were appointed by an order of the Supreme Court, bearing date the 19th day of January, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 10th day of February, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled to or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled

"An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 15th day of March, 1897, at 11 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated, NEW YORK, February 16, 1897.

HENRY L. BURNETT, WALTER ROMEYN BENJAMIN, WILLIAM S. ANDREWS, Commissioners.

HENRY DE FOREST BALDWIN, Clerk.

**NOTICE OF FILING THE SECOND PARTIAL AND SEPARATE ESTIMATE OF DAMAGE AND OF MOTION TO CONFIRM THE SECOND PARTIAL AND SEPARATE REPORT OF THE COMMISSIONERS OF ESTIMATE AND ASSESSMENT, TOGETHER WITH THE PROPOSED AREA OF ASSESSMENT.**

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, by the Council to the Corporation, relative to acquiring title, wherever the same has not been heretofore acquired, to all the lands, tenements, hereditaments, property, rights, tenements, easements and privileges not owned by The Mayor, Aldermen and Commonalty of the City of New York, or any right, title and interest therein, not extinguishable by public authority, embraced within the lines of the GRAND BOULEVARD AND CONCOURSE and nine Transverse roads, from a point on East One Hundred and Sixty-first street, in said City, at the intersection of said street and Mott avenue northerly to Mosholu Parkway, as laid out and established by the Commissioner of Street Improvements of the City of New York, pursuant to the provisions of chapter 130 of the Laws of 1895.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, 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 second partial and separate estimate of damage embracing all that portion of the Grand Boulevard and Concourse and Transverse roads designated as section 2 and shown as Parcels A, H, I, J, K, L and M on our damage map deposited as hereinafter mentioned, and extending from the south side of Walnut street to the north side of Burside avenue, with transverse roads at Belmont street, Tremont avenue and Burnside avenue; and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, present their objections in writing, to us, at our office, Nos. 90 and 92 West Broadway, ninth floor, in said City, on or before the 11th day of March, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 11th day of March, 1897, and for that purpose will be in attendance at our said office on each of said ten days, at 2 o'clock P.M.

Second—That the abstract of said estimate, together with our damage maps, and also all the affidavits, estimates and other documents used by us in making our said estimate 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, ninth floor, in said City, there to remain until the 23d day of March, 1897.

Third—That, pursuant to the provisions of chapter 130 of the Laws of 1895, as amended by chapter 80 of the Laws of 1896, we propose to assess for benefit, which assessment will appear in our last partial and separate abstract of estimate and assessment, all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.:

Northerly by the line separating the City of New York from the City of Yonkers; easterly by the Bronx river and the East river; southerly by the Harlem river, the Bronx Kills and the Harlem river, all of which land taken together is known as the Twenty-third Ward and part of the Twenty-fourth Ward, as such territory was annexed to the City of New York by an Act of the Legislature designated as chapter 613 of the Laws of 1873, and acts amendatory thereof.

Fourth—That our second partial and separate report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house in the City of New York, on the 30th day of March, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated, NEW YORK, February 16, 1897.

JAMES A. BLANCHARD, Chairman, JOHN H. KNOEPPLE, HUGH R. GARDEN, Commissioners.

WM. R. KESE, Clerk.

HENRY DE FOREST BALDWIN, Assistant to the Counsel to the Corporation.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening VERNON AVENUE (although not yet named by proper authority), from Eastchester avenue to the northern boundary of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

**WE, THE UNDERSIGNED COMMISSIONERS** of Estimate and Assessment in the above-entitled matter, 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 affected thereby, and having objections thereto, do present their objections, in writing, to us, at our office, Nos. 90 and 92 West Broadway, ninth floor, in said City, on or before the 10th day of March, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of March, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock A.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, 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, ninth floor, in said City, there to remain until the 23d day of March, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which taken



together are bounded and described as follows, viz.: On the north by the northern boundary of the City of New York; on the south by Eastchester street, or East Two Hundred and Thirty-third street; on the east by a line drawn parallel to Verio avenue and distant 100 feet easterly from the easterly side thereof; and on the west by a line drawn parallel to Verio avenue and distant 100 feet westerly from the westerly side thereof, excepting from said area all streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of March, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 15, 1897.  
THOMAS F. DONNELLY, Chairman, ELLIS E. WARING, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Fire Commissioners of the City of New York on behalf of the Mayor, Aldermen and Commonalty of the City of New York, by the Counsel to the Corporation of said City, relative to acquiring title to certain lands on the northerly side of GREAT JONES STREET, between Lafayette place and the Bowery, in the Fifteenth Ward of said city, duly selected by said Board as a site for buildings for the use of the Fire Department of said city, under and in pursuance of the provisions of chapter 151 of the Laws of 1894.

PURSUANT TO THE PROVISIONS OF CHAPTER 151 of the Laws of 1894, entitled "An Act in relation to building sites for the Fire Department of the City of New York," and all other 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, at a Special Term of said Court to be held at Part III. thereof, in the County Court-house in the City of New York, on the 15th day of March, 1897, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Appraisal in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands and premises and the appurtenances thereto belonging on the northerly side of Great Jones street, between Lafayette place and the Bowery, in the Fifteenth Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 151 of the Laws of 1894; said property having been duly selected by said Board of Fire Commissioners of the City of New York as a site for buildings for the use of the Fire Department of said city, under and in pursuance of the provisions of said chapter 151 of the Laws of 1894, being the following described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land, situate, lying and being in the Fifteenth Ward of the City of New York, bounded and described as follows:

Beginning at a point on the northerly side of Great Jones street distant 250 feet two inches easterly from the corner formed by the intersection of the easterly side of Lafayette place with the northerly side of Great Jones street; running thence easterly along the northerly side of Great Jones street 44 feet 5 1/2 inches; thence northerly at about a right angle to said street 90 feet and 5 inches; thence westerly parallel, or nearly so, with Great Jones street 45 feet and 4 inches; thence southerly 89 feet and 10 inches to the point or place of beginning.

Dated New York, February 16, 1897.  
FRANCIS M. SCOTT, Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of ONE HUNDRED AND ELEVENTH STREET AND THE SOUTHERLY SIDE OF ONE HUNDRED AND TWELFTH STREET, between Fifth and Lenox avenues, in the Twelfth Ward of said city, duly selected and approved by said Board as a site for school purposes under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 15th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the northerly side of One Hundred and Eleventh street and the southerly side of One Hundred and Twelfth street, between Fifth and Lenox avenues, in the Twelfth Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

Beginning at a point on the northerly line of One Hundred and Eleventh street, distant 175 feet easterly from the corner formed by intersection of the easterly line of Lenox avenue with the northerly line of One Hundred and Eleventh street; running thence northerly parallel with Lenox avenue 201 feet and 10 inches to the southerly line of One Hundred and Twelfth street; thence easterly along said southerly line of One Hundred and Twelfth street 150 feet; thence southerly parallel with Lenox avenue 201 feet and 10 inches to the northerly line of One Hundred and Eleventh street; thence westerly along said northerly line of One Hundred and Eleventh street 150 feet to the point or place of beginning.

Dated New York, February 16, 1897.  
FRANCIS M. SCOTT, Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening OPDYKE AVENUE (although not yet named by proper authority, from Mount Vernon avenue to the Bronx river, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, 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 affected thereby, and having objections thereto, do present their said objections, in writing, to us, at our office, Nos.

90 and 92 West Broadway, ninth floor, in said city, on or before the 15th day of March, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 15th day of March, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 12 o'clock M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, 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, ninth floor, in the said city, there to remain until the 25th day of March, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by a line drawn parallel to Opdyke avenue or East Two Hundred and Thirty-sixth street, and distant 100 feet northerly from the northerly side thereof from the easterly side of Mount Vernon avenue to a line midway between Verio avenue and Webster avenue; thence along the middle line of the blocks between Opdyke avenue or East Two Hundred and Thirty-sixth street and the northern boundary of the City of New York to the Bronx river; on the south by a line drawn parallel to Opdyke avenue or East Two Hundred and Thirty-sixth street and distant 100 feet southerly from the southerly side thereof from the easterly side of Mount Vernon avenue to the Bronx river; on the east by the Bronx river, and on the west by the easterly side of Mount Vernon avenue; excepting from said area all streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of March, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 17, 1897.  
GROSVENOR S. HUBBARD, Chairman; EDWARD S. KAUFMAN, JOHN A. REILLY, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening EAST ONE HUNDRED AND FIFTY-EIGHTH STREET (although not yet named by proper authority), from River avenue to Walton avenue and from Mott avenue to Sheridan avenue, as the same has been heretofore laid out and designated as a first class street or road, in the Twenty-third Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 8th day of February, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 10th day of February, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 16th day of March, 1897, at 12 o'clock noon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 19, 1897.  
WILLIAM S. KEILEY, J. D. ROMAN BALDWIN, WILLIAM H. BARKER, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of widening WENDOVER AVENUE (although not yet named by proper authority), extending from the New York and Harlem Railroad to Brook avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 8th day of February, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 10th day of February, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 16th day of March, 1897, at 12 o'clock noon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 19, 1897.  
WILLIAM S. KEILEY, J. D. ROMAN BALDWIN, WILLIAM H. BARKER, Commissioners,  
JOHN P. DUNN, Clerk.

acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 16th day of March, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 19, 1897.  
BENJ. F. GERDING, JULIUS H. FOX, WILBER MCBRIDE, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening ST. PAUL'S PLACE (although not yet named by proper authority), from Webster avenue to Fulton avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third and Twenty-fourth Wards of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 8th day of February, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 10th day of February, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 16th day of March, 1897, at 2 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 19, 1897.  
SELIGMAN MAHEIMER, THOS. J. MILLER, MICHAEL L. BOUILLON, Commissioners,  
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the northerly side of ONE HUNDRED AND THIRD STREET and the southerly side of ONE HUNDRED AND FOURTH STREET, between Madison and Fifth avenues, in the Twelfth Ward of said City, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 15th day of March, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the northerly side of One Hundred and Third street and the southerly side of One Hundred and Fourth street, between Madison and Fifth avenues, in the Twelfth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

Beginning at a point in the northerly line of One Hundred and Third street distant 150 feet easterly from the corner formed by the intersection of the easterly line of Fifth avenue with the northerly line of One Hundred and Third street; running thence northerly parallel with the said easterly line of Fifth avenue 201 feet and 10 inches to the southerly line of One Hundred and Fourth street; thence easterly along said southerly line of One Hundred and Fourth street 150 feet; thence southerly parallel with Fifth avenue 201 feet and 10 inches to the northerly line of One Hundred and Third street; thence westerly along said northerly line of One Hundred and Third street 150 feet to the point or place of beginning.

Dated New York, February 16, 1897.  
FRANCIS M. SCOTT, Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening EAST ONE HUNDRED AND EIGHTY-SEVENTH STREET (although not yet named by proper authority), from Third avenue to the Southern Boulevard, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 10th day of January, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 21st day of January, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 27th day of February, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimants or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 2, 1897.  
ASA A. ALLING, FLOYD M. LORDE, EDWARD F. HOLLISTER, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of Michael T. Daly, Commissioner of Public Works of the City of New York, for and in behalf of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, in fee, to certain lots, pieces or parcels of land in the Twelfth and Twenty-third Wards of the City of New York, for the purpose of the construction of a draw-bridge and approaches thereto, with the necessary abutments and arches, over the Harlem river, connecting the northerly end of Third avenue, in the Twelfth Ward of said city, with the southerly end of Third avenue, in the Twenty-third Ward of said city.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, 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, premises, property rights and interests affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our first separate estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, premises, property rights and interests affected thereby, and having objections thereto, do present their said objections, in writing, duly verified, to us, at our office, Room No. 113, on the third floor of the Stewart Building, No. 280 Broadway, in said city, on or before the 2d day of March, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 2d day of March, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 10 o'clock in the forenoon.

Second—That the abstract of our said first estimate and assessment, together with our damage map, and also all the affidavits, estimates and other documents used by us in making our said report, have been deposited in the office of the Commissioner of Public Works, in the American Tract Society Building, corner of Nassau and Spruce streets, in said city, there to remain until the 2d day of March, 1897.

Third—That our said first separate abstract of estimate and assessment embraces all the lands, premises, property rights and interests within the tract bounded by Third and Lexington avenues, One Hundred and Thirtieth street and the bulkhead-line of the Harlem river, which are taken, acquired or affected in this proceeding, as specifically shown on our damage map deposited as aforesaid.

Fourth—That our first separate report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at Part III. in the County Court-house, in the City of New York, on the 21st day of March, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, January 23, 1897.  
DAVID LEVENTRITZ, PETER BOWE, ARTHUR INGRAHAM, Commissioners,  
JAMES A. C. JOHNSON, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening SPENCER PLACE (although not yet named by proper authority), from East One Hundred and Forty-fourth street to East One Hundred and Fiftieth street, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, 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 affected thereby, and having objections thereto, do present their said objections, in writing, to us at our office, Nos. 90 and 92 West Broadway, ninth floor, in said city, on or before the 2d day of March, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 2d day of March, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 3 o'clock p. m.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents, used by us in making our report, 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, ninth floor, in the said city, there to remain until the 8th day of March, 1897.



Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situated, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by a line drawn parallel to the northern side of East One Hundred and Fifth street and said northern side produced and distant 175 feet northerly therefrom; on the south by the middle line of the block between East One Hundred and Forty-fourth street and East One Hundred and Thirty-eight street and said middle line produced; on the east by Railroad avenue, East, or Park avenue, and on the west by a line drawn parallel to Mott avenue and distant 100 feet westerly from the westerly side thereof, excepting from said area all streets, avenues and roads, or portions thereof, heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 23d day of March, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 2, 1897.  
WALTER LARGÉ, Chairman; FRANK GRADY, MATTHEW CHALMERS, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to the loss and damage and compensation for the lands and premises laid out, taken, set apart and appropriated for and as a public park, and the improvements thereto belonging, with interest thereon, pursuant to the provisions of an act entitled "An Act to provide for the acquisition and construction of a public park at the junction of East One Hundred and Ninety-second street, the Kingsbridge road and Grand Boulevard or Concourse, in the Twenty-fourth Ward of the City of New York," being chapter 537 of the Laws of 1886.

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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Monday the 8th day of March, 1897, at the opening of the Court, on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment for the purpose of ascertaining the loss and damage and compensation for the lands and premises taken for a public park pursuant to said chapter 537 of the Laws of 1886. The said lands and premises are bounded and described as follows:

Beginning at the intersection of the east line of the Grand Boulevard and Concourse and the southerly line of Kingsbridge road; thence southerly along the eastern line of the Grand Boulevard and Concourse for 666.53 feet to the northern line of East One Hundred and Ninety-second street; thence easterly deflecting 105 degrees 31 minutes and 55 seconds to the left and along the northern line of said East One Hundred and Ninety-second street for 207.58 feet to the westerly line of Valentia avenue; thence northerly, deflecting 74 degrees 28 minutes and 5 seconds to the left and along the western line of said Valentia avenue for 146.75 feet to the western line of Kingsbridge road; thence northerly along the western line of Kingsbridge road for a distance of 539.49 feet to the point of beginning, and as shown on three similar maps entitled map or plan, showing the location of a public park at the junction of East One Hundred and Ninety-second street, the Kingsbridge road and the Grand Boulevard and Concourse, in the Twenty-fourth Ward of the City of New York, laid out under authority of chapter 537 of the Laws of 1886, and filed, one in the Department of Public Parks on October 2, 1896; one in the office of the Register of the City and County of New York on October 1, 1896, and one in the Office of the Secretary of State of the State of New York on October 2, 1896.

Dated New York, February 8, 1897.  
FRANCIS M. SCOTT, Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening NATHALIE AVENUE (although not yet named by proper authority), from the Kingsbridge road to Boston avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 19th day of January, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 26th day of January, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proof as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 1st day of March, 1897, at 4 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 3, 1897.  
HERMAN ALSBERG, HERBERT NOBLE, ROBERT STURGIS, Commissioners,  
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND FIFTY-FIRST STREET (although not yet named by proper authority), from Mott avenue to Exterior street, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

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, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Friday, the 26th day of February, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Fifty-first street, from Mott avenue to Exterior street, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A."  
Beginning at a point in the eastern line of Walton avenue distant 409.87 feet northerly from the intersection of the eastern line of Walton avenue with the northern line of East One Hundred and Fifth street.

1st. Thence northerly along the eastern line of Walton avenue for 82.09 feet.

2d. Thence southeasterly deflecting 133 degrees 2 minutes 27 seconds to the right for 402.34 feet to the western line of Mott avenue.

3d. Thence southerly along the western line of Mott avenue for 79.47 feet.

4th. Thence northwesterly for 398.42 feet to the point of beginning.

PARCEL "B."  
Beginning at a point in the eastern line of Gerard avenue distant 637.55 feet northerly from the intersection of the eastern line of Gerard avenue with the northern line of East One Hundred and Fifth street.

1st. Thence northerly along the eastern line of Gerard avenue for 83.86 feet.

2d. Thence southeasterly deflecting 134 degrees 19 minutes 6 seconds to the right for 266.43 feet to the western line of Walton avenue.

3d. Thence southerly along the western line of Walton avenue for 82.00 feet.

4th. Thence northwesterly for 262.87 feet to the point of beginning.

PARCEL "C."  
Beginning at a point in the western line of Gerard avenue distant 692.64 feet northerly from the intersection of the western line of Gerard avenue with the northern line of East One Hundred and Fifth street.

1st. Thence northerly along the western line of Gerard avenue for 83.81 feet.

2d. Thence northwesterly deflecting 45 degrees 40 minutes 54 seconds to the left for 279.54 feet to the eastern line of River avenue.

3d. Thence southerly along the eastern line of River avenue for 83.86 feet.

4th. Thence southeasterly for 279.54 feet to the point of beginning.

PARCEL "D."  
Beginning at a point in the western line of River avenue distant 1,320.51 feet northerly from the intersection of the western line of River avenue with the northern line of East One Hundred and Forty-ninth street.

1st. Thence northerly along the western line of River avenue for 83.86 feet.

2d. Thence northwesterly deflecting 45 degrees 40 minutes 54 seconds to the left for 1,307.32 feet.

3d. Thence southerly deflecting 144 degrees 31 minutes 1 second to the left for 130.45 feet.

4th. Thence southeasterly for 1,240.02 feet to the point of beginning.

East One Hundred and Fifty-first street is designated as a street of the first class, and is shown on section 7 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on October 31, 1895, in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

Dated New York, February 13, 1897.  
FRANCIS M. SCOTT, Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of Michael T. Daly, Commissioner of Public Works of the City of New York, for and in behalf of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, in fee, to certain lots, pieces or parcels of land in the Twelfth and Twenty-third Wards of the City of New York, for the purpose of the construction of a draw-bridge and approaches thereto, with the necessary abutments and arches over the Harlem river, connecting the northerly end of Third avenue, in the Twelfth Ward of said city, with the southerly end of Third avenue, in the Twenty-third Ward of said city.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Apportionment in the above-entitled matter, 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, premises, property, rights and interests affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our second separate estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, premises, property, rights and interests affected thereby and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Room No. 113 on the third floor of the Stewart Building, No. 280 Broadway, in said city, on or before the 31st day of March, 1897, and that we the said Commissioners, will hear parties so objecting within the ten week-days next after the said 31st day of March, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 10.30 o'clock in the forenoon.

Second—That the abstract of our said second estimate and assessment, together with our damage map, and also all the affidavits, estimates and other documents, used by us in making our said report, have been deposited in the office of the Commissioner of Public Works, in the American Tract Society Building, corner of Nassau and Spruce streets, in said city, there to remain until the 1st day of April, 1897.

Third—That our said second separate abstract of estimate and assessment embraces all the lands, premises, property, rights and interests shown upon our damage map as damage number one, in block 1756, and damage numbers two to nine, both in live, in block, 1765, in the Twenty-third Ward of said city.

Fourth—That our said second separate report herein will be presented to the Supreme Court of the State of New York, at a Special Term thereof, to be held at Part III., in the County Court-house, in the City of New York, on the 26th day of April, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 23, 1897.  
DAVID LEVENTRITI, PETER BOWE, ARTHUR INGRAHAM, Commissioners,  
JAMES A. C. JOHNSON, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to ST. MARY'S STREET (although not yet named by proper authority), from St. Ann's avenue to the Southern Boulevard, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road by the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, 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 affected thereby, and having objections thereto, do present their said objections, in writing, to us, at our office, Nos. 90 and 92 West Broadway, ninth floor, in said city, on or before the 9th day of March, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week-days next after the said 9th day of March, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 4 o'clock p. m.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, 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, ninth floor, in the said city, there to remain until the 10th day of March, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situated, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by the southerly side of East One Hundred and Forty-sixth street, from Brook avenue to St. Ann's avenue, thence along a line which would be midway between St. Mary's street and East 149th street, and said midway line produced to a line which would be midway between Southern Boulevard and Whitlock avenue; on the south by the northerly side of East One Hundred and Forty-first street and said northerly side produced, from Brook avenue to a line which would be midway between Southern Boulevard and Whitlock avenue; on the east by a line which would be midway between Southern Boulevard and Whitlock avenue; and on the west by the easterly side of Brook avenue; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 25th day of March, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, February 10, 1897.  
WILLIS HOLLY, MATTHEW CHALMERS, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to a PUBLIC PLACE, bounded by East One Hundred and Sixty-fifth street, Hall place and Rogers place, in the Twenty-third Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house, in the City of New York, on Friday, the 26th day of February, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a Public Place, bounded by East One Hundred and Sixty-fifth street, Hall place and Rogers place, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the southern line of East One Hundred and Sixty-fifth street distant 249.93 feet easterly from the intersection of the southern line of East One Hundred and Sixty-fifth street with the eastern line of Stebbins avenue.

1st. Thence northerly along the southern line of East One Hundred and Sixty-fifth street for 120.92 feet.

2d. Thence northeasterly and along the southern line of East One Hundred and Sixty-fifth street, curving to the right on the arc of a circle tangent to the preceding course whose radius is 50 feet for 84.77 feet to a point of compound curve.

3d. Thence southerly on the arc of a circle whose radius is 90 feet for 108.25 feet.

4th. Thence westerly for 112.17 feet to the point of beginning.

Shown on section 3 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on July 18, 1894, in the office of the Register of the City and County of New York on July 19, 1894, and in the office of the Secretary of State of the State of New York on July 20, 1894.

Dated New York, February 13, 1897.  
FRANCIS M. SCOTT, Counsel to the Corporation,  
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening EAST ONE HUNDRED AND EIGHTY-FIRST STREET (although not yet named by proper authority), from Aqueduct avenue to Webster avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 16th day of December, 1896, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 26th day of January, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 15th day of March, 1897, at 3 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 10, 1897.  
JAMES R. ELY, PIERRE V. B. NOES, A. SONNENSTRAHL, Commissioners,  
JOHN P. DUNN, Clerk.

our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 27th day of February, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 2, 1896.  
RICHARD D. WOODWARD, WILLIAM M. LAWRENCE, J. D. ROMAN BALDWIN, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening CROMWELL AVENUE (although not yet named by proper authority), from Inwood avenue to Macomb's Dam road or Highwood avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third and Twenty-fourth Wards of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by orders of the Supreme Court, bearing date the 8th day of February, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 10th day of February, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 16th day of March, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 10, 1897.  
JOSEPH KAUFMAN, HENRY O'DONNELL, FREDK. E. HAIGHT, Commissioners,  
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty 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 purpose of opening MORRIS AVENUE (although not yet named by proper authority), from the Concourse to Tremont avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 8th day of February, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 10th day of February, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises not required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 15th day of March, 1897, at 3 o'clock in the afternoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, February 10, 1897.  
JAMES R. ELY, PIERRE V. B. NOES, A. SONNENSTRAHL, Commissioners,  
JOHN P. DUNN, Clerk.

## THE CITY RECORD.

THE CITY RECORD IS PUBLISHED DAILY, Sundays and legal holidays excepted, at No. 2 City Hall, New York City. Annual subscription, \$9.30, postage prepaid. JOHN A. SLEICHER, Supervisor.