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BOARD OF ESTIMATE AND APPORTIONMENT.

BOARD OF ESTIMATE AND APPORTIONMENT, CITY OF NEW YORK, COUNCIL CHAMBER, CITY HALL, FRIDAY, APRIL 18, 1902.

The Board met in pursuance of an adjournment.

Present—Seth Low, the Mayor; Edward M. Grout, the Comptroller; Charles V. Fornes, the President of the Board of Aldermen; Jacob A. Cantor, the President of the Borough of Manhattan; J. Edward Swanstrom, the President of the Borough of Brooklyn; Joseph Cassidy, the President of the Borough of Richmond.

Absent—Louis F. Haffen, the President of the Borough of The Bronx; George Cromwell, the President of the Borough of Richmond.

The reading of the minutes of the meetings held January 28, February 7, 14, 21, 28, March 4, 7, 14, 21, 25, 26, 31, April 1, 2, 3, 4, 7, 8, 9, 10, 11, 14, 15, 16 and 17 was dispensed with.

The Mayor presented the following:

NEW YORK, April 17, 1902.

To the Board of Estimate and Apportionment:

GENTLEMEN—The Board of Trustees of the College of The City of New York respectfully represents: That the record made by the College and by its alumni since 1848, when, under the title of the New York Free Academy, its work was begun, can, without vainglory, be justly said to have fully justified the highest hopes which were entertained by the people of The City of New York, in obedience to whose vote and direction the institution was organized, and of the public-spirited men, led by Townsend Harris, under whose guidance and auspices the plan for its creation, and the important scheme which has enabled the graduates of the grammar schools and others to have the benefit of a free, unsectarian and liberal collegiate education, was brought to successful accomplishment.

Not arrogating to itself the attributes of a university, but content with affording a thorough collegiate training, the College soon became, and has continued to be, distinguished for the perfection of its curriculum, especially in its mathematical and classical features, as well as for the practical character and satisfactory results of its methods of instruction, with the result that it has attracted to itself a steadily increasing number of the graduates of the common schools and of others qualified to comply with its rather stringent conditions for admission, so that now its seven classes, consisting of three sub-freshmen and four of the higher grade, has an attendance of some two thousand three hundred pupils, about evenly divided between the sub-freshmen classes and those of the usual collegiate rank.

Accommodations for these young men have not increased save by the temporary makeshift of leases of inadequate and ill-adapted portions of adjacent buildings since the erection of the Free Academy in 1848, and the classes are now distributed, to their disadvantage, in three buildings other than the College proper, and are compelled to pursue their tasks under conditions as adverse as can be conceived of and yet at great expense, the leases of these additional classrooms requiring the payment of not less than twenty-six thousand five hundred dollars (\$26,500) per annum. This inadequacy, and the danger attendant upon the use of the antiquated and insufficient College building, have been fully appreciated, the Legislature, with the approval of the Municipality, having, in 1895, passed an act, chapter 168 of the Laws of that year, providing for the acquisition of lands upon which to erect a new college.

Under the provisions of this act a site, well adapted for the purpose, has been acquired, after a long period of delay, occasioned partly by condemnation proceedings, and the title thereto has become fully vested in the City within the past few months. Bonds have been issued from time to time, to the extent of more than six hundred thousand dollars (\$600,000), for this purpose by the City, and the burden of interest upon them has been borne for some years without any corresponding advantage to the institution or to the Municipality.

The delay which has brought about this unsatisfactory result seems to have been unavoidable, but was terminated as soon as it was possible to do so.

The Legislature at this session has provided for the further acquisition of a small plot of ground, which by inadvertence was not included in the original map filed under the terms of the statute, and which would, if not acquired, intervene between the southerly boundary of the property and the St. Nicholas Park, placing the college in some jeopardy, should it not be purchased. But no further delay need take place on this account, since, while the acquisition of that plot is important, it is not vital, as it will not form part of the plot upon which the building itself is to be erected.

Pending the acquisition of the land our predecessors in office had engaged the services of Mr. George B. Post, as the result of a competitive exhibition of plans, as the architect to whose care the erection of the buildings was to be intrusted, and long since those plans were perfected. They were modified from time to time, and in their modified form were submitted to the present Board of Trustees, who, moved by a sense of economy and for other reasons, caused substantial changes to be made, which have resulted in the adoption of plans by the Board of Trustees, which are herewith submitted.

Those plans contemplate a separation of the college building proper from the building to be occupied by the sub-freshmen classes, of separate buildings for the Department of Mechanical Arts and the Department of Chemistry.

The Trustees have caused specifications to be prepared, based upon these plans, upon which an estimate has been made by the architect, after thorough investigation, and the total expenditure, irrespective of grading, which cannot be estimated at present, will be about two million one hundred and fifty thousand dollars (\$2,150,000), including the outlay for a gymnasium building. The main building will accommodate about fifteen hundred pupils, and the sub-freshmen building a like number, a capacity which will probably enable the Board of Trustees to respond to the increased demands which will undoubtedly be made upon it, since the College, in its new location and with adequate facilities, will not only be sought by a greater number of the graduates of the high schools of the Borough of Manhattan than heretofore, but also doubtless by graduates of the common schools and the high schools of the other boroughs.

The Board feels justified in asking that an appropriation of this amount be made, especially since the statute referred to provides that when the college shall have been completed the present structure shall be sold and its proceeds go to the Sinking Fund.

The estimated value of the land upon which the present college is located is about seven hundred and fifty thousand dollars (\$750,000).

We respectfully petition, pursuant to a resolution unanimously adopted by this Board at a special meeting called for the purpose of considering this question on April 16, 1902, for an appropriation of two million one hundred and fifty thousand dollars (\$2,150,000) of Corporate Stock, said sum to be applied on account of the contract or contracts to be entered into by the Board of Trustees of the College in connection with the erection of the college buildings, that your Honorable Body appropriate said amount.

Respectfully submitted,

EDWARD LAUTERBACH, Chairman Board of Trustees.

THE COLLEGE OF THE CITY OF NEW YORK,
OFFICE OF THE CHAIRMAN OF THE BOARD OF TRUSTEES,

NEW YORK, April 17, 1902.

Resolved, That, subject to the approval of the Board of Estimate and Apportionment, the sum of two million one hundred and fifty thousand dollars (\$2,150,000) be

and the same is hereby appropriated from the proceeds of Corporate Stock to be issued by the Comptroller, pursuant to chapter 168 of the Laws of 1895, application for the issue of which is hereby made; said sum to be applied on account of the contract or contracts to be entered into by the Board of Trustees of the College of The City of New York incidental to the erection of college buildings and appurtenances at the site located at One Hundred and Thirty-eighth street and One Hundred and Fortieth street, Amsterdam avenue and St. Nicholas terrace, Borough of Manhattan; also on account of such remuneration as may be due or to grow due the architect, surveyors et al., incidental to the preparation of the plans and the erection of said buildings, requisition for said sum of two million one hundred and fifty thousand dollars (\$2,150,000) being hereby made upon the Comptroller.

A true copy of a resolution adopted by the Board of Trustees of the College of The City of New York on April 16, 1902.

EDWARD LAUTERBACH, Chairman, Board of Trustees.

Which were laid over for further consideration.

The Presidents of the Boroughs of The Bronx and Richmond appeared and took their seats in the Board.

On motion, the Board went into executive session.

The Board reconvened in open session.

Present—All the members.

The Comptroller presented the following:

CITY OF NEW YORK—DEPARTMENT OF FINANCE,
COMPTROLLER'S OFFICE,
April 18, 1902.

To the Board of Estimate and Apportionment:

GENTLEMEN—I beg to submit herewith, communications and estimates of the various departments and officers of the city, of the amounts required for improvements and enterprises, the expense of which is to be met by the issue of Corporate Stock and Assessment Bonds; also a tabulated statement thereof.

Yours very truly,

EDWARD M. GROUT, Comptroller.

Statement of Departmental Estimates of Amounts Required for Improvements Payable from Issue of Corporate Stock and Assessment Bonds.

President, Borough of Manhattan.....	\$9,140,548 00
President, Borough of The Bronx.....	8,332,432 00
President, Borough of Brooklyn.....	8,308,835 00
President, Borough of Queens.....	3,816,630 78
President, Borough of Richmond.....	826,259 00
Department of Bridges.....	5,931,550 00
Department of Water Supply, Gas and Electricity (estimate of amount required for 1902).....	4,079,000 00
Fire Department.....	567,000 00
Department of Parks—	
Boroughs of Manhattan and Richmond.....	\$901,108 00
Borough of The Bronx.....	546,000 00
Boroughs of Brooklyn and Queens.....	855,170 50
American Museum of Natural History.....	2,302,278 50
New York Zoological Society.....	360,000 00
New York Botanical Garden.....	250,000 00
Brooklyn Institute of Arts and Sciences.....	150,000 00
Department of Public Charities.....	300,000 00
Bellevue and Allied Hospitals.....	552,000 00
Department of Health.....	275,000 00
Department of Street Cleaning.....	1,025,000 00
Armory Commissioners.....	217,686 25
Board of Education.....	583,367 10
Board of Education.....	9,383,117 50
Department of Docks and Ferries.....	8,120,000 00
Rapid Transit Railroad Commissioners.....	16,500,000 00
Aqueduct Commission.....	2,098,661 00
College of The City of New York.....	2,150,000 00
Atlantic Avenue Improvement—Borough of Brooklyn.....	975,000 00
Department of Taxes and Assessments.....	1,700 00

NEW YORK, April 1, 1902.

Hon. SETH LOW, Mayor, and Chairman of the Board of Estimate and Apportionment:

DEAR SIR—Pursuant to the request of the Hon. Edward M. Grout, Comptroller, of March 5, 1902, I herewith submit a list of the necessary public improvements, the cost of which is to be met by the issue of Corporate Stock, etc., to be issued during the year 1902.

While the sum of \$1,660,548, as stated herein, represents the amount necessary to defray the cost of repaving various streets and avenues, it is not expected that the full amount thus stated will be granted at this time. It, however, represents the condition of the pavements of the streets and avenues of this borough, and the work of repaving all of those mentioned in the attached list will become a necessity within the near future.

Riverside Extension.

Chapter 665, Laws of 1897.

The work of extending and improving the Riverside drive has been completed to One Hundred and Thirty-fifth street. It is now proposed to complete the remaining portion of the drive to its junction with the Boulevard Lafayette, the estimated cost of which is \$2,121,000.

Repaving Streets and Avenues.

Chapter 169, Greater New York Charter.

Estimated amount required for 1902.....\$1,660,548 00

LIST OF STREETS AND AVENUES TO BE REPAVED, ETC.

Location	Asphalt.	Estimated Cost.
Twenty-ninth street, Broadway to Eighth avenue.....		\$36,450 00
Doyers street, Pell street to Chatham square.....		2,450 00
Mott street, Hester street to Bleecker street.....		32,450 00
Mercer street, Canal street to West Third street.....		40,500 00
Broadway, Bowling Green to Canal street.....		189,750 00
One Hundred and Sixteenth street, Avenue A to Morning-side Park.....		175,000 00
Eighty-first street, Lexington avenue to Park avenue.....		5,390 00
Ninety-fourth street, Madison avenue to Fifth avenue.....		5,900 00
Twenty-sixth street, First avenue to East river.....		2,008 00
Eighty-ninth street, Broadway to Riverside drive.....		8,778 00
Ninetieth street, West End avenue to Riverside drive.....		6,436 00
One Hundred and Fifth street, Central Park West to Amsterdam avenue.....		21,600 00
One Hundred and Twenty-ninth street, Madison avenue to Park avenue.....		5,040 00
Nineteenth street, Fourth avenue to Third avenue.....		10,746 00

Sixty-fourth street, Second avenue to Third avenue.....	6,127 00
One Hundred and Twenty-sixth street, First avenue to Second avenue.....	12,670 00
One Hundred and Thirtieth street and Park avenue.....	1,855 00
Cathedral parkway strip.....	8,250 00
Fifteenth street, Tenth avenue to Eleventh avenue strip.....	787 00
Barrow street, West street to Washington street.....	2,765 00
Ninety-fifth street, Columbus avenue to Amsterdam avenue.....	10,080 00
One Hundred and Thirty-second street, Seventh avenue to Eighth avenue.....	9,720 00
One Hundred and Nineteenth street, Sixth avenue to Seventh avenue.....	9,720 00
Fiftieth street, Sixth avenue to Seventh avenue.....	12,384 00
Park avenue, One Hundred and Tenth street north to One Hundred and Thirty-fifth street.....	286,279 00
Broad street, Pearl street to Exchange place.....	19,800 00
Madison street, Chambers street to Grand street.....	87,570 00
Gouverneur street, Division street to Water street.....	15,950 00
Sullivan street, Canal street to West Third street.....	47,460 00
Thompson street, Canal street to West Fourth street.....	45,360 00
Fifty-ninth street, Eighth avenue to Amsterdam avenue.....	14,910 00
Fifty-ninth street, Madison avenue to First avenue.....	33,390 00
Oak street, Pearl street to Catharine street.....	8,850 00
Fourteenth street, University place to Fifth avenue, and from Sixth avenue to Seventh avenue.....	32,250 00
Twenty-third street, Avenue A to Broadway, and from Sixth avenue to Tenth avenue.....	127,710 00
Second avenue, Twenty-second street to Twenty-third street.....	5,280 00
Eighteenth street, Tenth avenue to Eleventh avenue.....	9,970 00
Thirty-first street, Tenth avenue to Eleventh avenue.....	9,970 00
Twenty-fifth street, Sixth avenue to Eighth avenue.....	20,160 00
Twenty-eighth street, Sixth avenue to Eighth avenue.....	19,480 00
Eightieth street, Columbus avenue to Amsterdam avenue.....	15,300 00
One Hundred and Fifth street, Amsterdam avenue to Columbus avenue.....	10,050 00
One Hundred and Twenty-fourth street, Park avenue to First avenue.....	26,460 00
One Hundred and Tenth street, Second avenue to Third avenue.....	8,505 00
Seventy-second street, Lexington avenue to Park avenue.....	10,200 00

Granite Blocks.

Water street, Jackson street to Corlears street.....	\$1,800 00
Jackson street, Water street to South street.....	1,350 00
Elm street, City Hall place to Great Jones street.....	77,438 00

Resurfacing, etc.

St. Nicholas avenue, One Hundred and Thirty-fifth street to One Hundred and Thirty-ninth street.....	\$13,250 00
St. Nicholas place, One Hundred and Forty-ninth street to One Hundred and Fifty-fifth street.....	6,000 00
Seventh avenue, One Hundred and Tenth street to One Hundred and Fifty-third street.....	65,650 00
St. Nicholas avenue, One Hundred and Tenth street to One Hundred and Twenty-fifth street.....	23,300 00

Total\$1,660,548 00

Sewers—Cleaning and Repairing.

Estimated additional amount required for 1902—Cleaning.....	\$110,000 00
Estimated amount required for necessary repairs for 1902.....	126,000 00
Total	\$236,000 00

The appropriations granted for many years past for the work of cleaning and repairing sewers in this borough have been entirely inadequate to do the work that should be done to maintain the system in the condition which is absolutely necessary for the needs and requirements of the great population of this borough and for the preservation of the health of the public.

The amounts heretofore appropriated have been sufficient to clean each year but a small percentage of the sewer system of this borough, ranging from 9 per cent. to 16 per cent. of the said system, and during the same time many needed repairs have been almost entirely omitted.

Large and increasing sums of money are appropriated each year for the purpose of having clean and well kept streets, and the people are satisfied that ample appropriations shall be thus made when, for the outlay, an ample return is given them; but the sewers being underground and removed from public view, their condition is not known, and therefore little consideration is given to their cleanliness.

Certainly a clean and well-kept drainage system is as essential to the public health as are clean streets, for the filth in the sewers under the streets is more dangerous in its nature than the dirt on the surface, and more likely to breed disease.

There are 500 miles of sewers and 6,000 catch basins in this borough alone, and every one of the latter is practically an open cesspool, containing more or less filth and waste matter from thousands of houses. These basins also catch considerable of the dirt and scourgings of the Street Cleaning Department.

To clean these corner basins alone and keep them clean, would, if used entirely for that part of our work, require almost the full amount appropriated each year for the entire system.

In addition to the necessity of increasing the work of sewer cleaning, much needed work of repairing, which has been omitted for lack of funds for many years, should be done, and a great deal of it at once.

The amount asked for this year of \$165,000 in my Departmental Estimate is barely sufficient to pay the laboring force of this department engaged in cleaning the sewers and to buy the supplies necessary to do a limited amount of small repairing, leaving the larger and important work of repairing neglected.

The history of the appropriations for the purpose of maintaining the sewer system, I am informed, is that only sufficient money has been appropriated to keep the system in running order without considering the sanitary aspects of the case, or the great benefits to the public health to be secured by a "clean" system of sewers. I therefore deem it most important that an additional sum of \$110,000 be allowed in order that the work of cleaning the sewers may be done more thoroughly.

At the present time the sewer system covers about 497 miles. It was reported last year that sixty-six miles of this system were cleaned, which amounts to about thirteen per cent. of the whole, and cost \$64,667. This report also shows that about twenty-five per cent. of the whole system was examined; at the same rate, if the whole system had been examined, the cost of cleaning would have been \$258,668.

This work was scattered over the whole area of the city. A systematic attempt to clean the whole system was impossible on account of lack of funds, and always will be impossible until a more liberal and more just view of the circumstances and requirements of the case is taken by our financial officers.

In addition to this extra requisition for \$110,000 to be used for the purpose of maintaining and cleaning the sewers more thoroughly, I herewith make an additional request for \$126,000, to be used in defraying the cost of making many urgent and necessary repairs to about 18,000 linear feet of sewers of various sizes from a 12-inch pipe to a 6-foot circular throughout the borough, as follows:

Repairs to be done by Contract.

	Feet.
Eighth avenue, between Eighty-ninth street and Ninetieth street.....	930
Eighth street, from Avenue C to East river, 4 feet by 2 feet 8 inches.....	1,600
Tenth avenue, between Twenty-third street and Twenty-fourth street.....	200
Washington street, between Rector street and Morris street.....	250
Third avenue, between Twenty-second and Twenty-third streets.....	200

Forty-seventh street, Forty-eighth street and Forty-ninth street, from about 30 feet east of last manhole to outlet North river, 4 feet by 2 feet 8 inches.....	1,600
Avenue C, east side, from Eighth street to Eleventh street, 6 feet 6 inches.....	1,600
Fifth street, from Avenue A to Avenue C, 4 feet by 3 feet and 3 feet 6 inches by 2 feet 4 inches.....	1,000
Fourth street, from Avenue A to Avenue C, 4 feet, circular.....	300
East Fifteenth street, from Avenue A to first manhole east of Avenue C, 4 feet by 2 feet 8 inches.....	833
Duane street, Broadway to Elm street.....	1,500
Worth street, between Broadway and West Broadway, 4 feet by 3 feet 6 inches.....	162
One Hundred and Thirteenth street, between First avenue and Third avenue, 3 feet 7 1/4 inches by 2 feet 4 3/4 inches.....	968
Broome street, from first manhole east to first manhole west of West Broadway, 4 feet by 2 feet 8 inches.....	1,800
Twenty-fifth street, from sewer in Sixth avenue to first manhole west of Seventh avenue, 3 feet 7 inches by 4 feet to 3 feet 4 inches by 4 feet.....	48
Stanton street, from second manhole west of Pitt street to first manhole west of Mangin street, 4 feet by 4 feet 6 inches, average.....	400
East Twenty-sixth street, from connection with barrel sewer 93 feet west of first manhole in pier to within 70 feet of last manhole in brick sewer, 4 feet, circular.....	160
First avenue, from 40 feet south of first manhole south of One Hundred and Ninth street to sewer, One Hundred and Tenth street, 4 feet by 2 feet 8 inches.....	968
Pearl street, from 60 feet west of second manhole west of Elm street to first manhole west of Elm street, 4 feet, circular.....	150
West Twenty-sixth street, between Broadway and Sixth avenue.....	60
Thirteenth street, between Fifth avenue and Sixth avenue, 3 feet 4 inches by 3 feet 2 inches.....	20
One Hundred and Second street and Harlem river, 3 feet 4 inches by 2 feet.....	85
Park avenue, west side, at Eighty-seventh street, pipe, 4 feet by 2 feet 8 inches.....	200
One Hundred and Fourth street and Harlem river, pipe, 3 feet 6 inches by 2 feet.....	150
Third avenue, east side, between One Hundred and Twenty-second street and One Hundred and Twenty-third street, 4 feet by 3 feet.....	350
Fifteenth street, between Union Square West and Fifth avenue, 4 feet 6 inches by 3 feet 6 inches.....	62
Thirteenth street, between Third avenue and Fourth avenue, 3 feet 4 inches by 3 feet.....	400
Pitt street, between Delancey street and Rivington street, 4 feet by 2 feet 8 inches.....	300
Sixteenth street, between Irving place and Fourth avenue, 4 feet by 3 feet.....	250
Eleventh avenue, east side, between Fifty-second street and Fifty-third street, 3 feet 6 inches by 2 feet, pipe.....	100
Seventy-second street, between First avenue and Avenue A, 3 feet by 2 feet, pipe.....	400
Curve, Sixty-eighth street and Sixty-ninth street, 3 feet 6 inches by 2 feet 4 inches.....	550
Stone street, between Whitehall street and Broad street, 4 feet, circular.....	40
South William street, Beaver street to Broad street, 4 feet, circular.....	250
Columbus avenue, at Seventy-sixth street, curve, 3 feet 6 inches by 2 feet.....	50
Nassau street, between Fulton street and John street, 3 feet 6 inches by 4 feet 3 inches.....	600
Ninety-seventh street and Columbus avenue, curve, 3 feet 6 inches by 2 feet.....	
Twentieth street, between Third avenue and Irving place, 4 feet by 3 feet.....	

Total18,536

This work could not be done for less than about \$7 per foot, amounting to \$129,000.

Assessment Work.

An examination of the maps, plans and records filed in this Bureau, show that out of the total sewer system of nearly 500 miles, 269 miles of the same are 25 years old and older, and about 80 miles were built previous to the year 1860.

While all these last named sewers are doing duty to-day in various states of efficiency, it is fair to presume that their usefulness would be much promoted by rebuilding. At the rate of \$35,000 per mile, which is a moderate estimate for this kind of work, this would cost not less than \$2,800,000. Where works of this amount are undertaken, it has heretofore been done under the title of "Alteration and Improvement," and the cost thereof assessed upon the property benefited, the money in the first instance being raised by bonds, under the title of "Street Improvement Bonds."

In addition to the above, there are about 24 miles of streets in this Borough not yet sewered. To complete the system, the cost would be about \$50,000 per mile, or \$1,200,000.

In brief, it can be safely stated that to maintain a condition of sewer cleanliness, equal to that considered necessary in cleaning the streets, an annual expenditure of not less than \$275,000 is required; that sewer repairing, costing in the neighborhood of \$126,000 should now be done and that the older sewers, built previous to the passage of the law authorizing the designing of a sewer system for the whole City (in 1865) should be rebuilt, and that the cost of the same is not likely to be less than \$2,800,000.

Repairs to Public Buildings.

Estimated amounts required as follows:

City Hall	\$25,000 00
Criminal Courthouse	75,000 00
Total	\$100,000 00

CITY HALL.

Exterior stone work is unsightly and damaged; ventilating and heating system is very imperfect; painting inside and outside, including necessary repairs to plastering, carpentering, etc., is essential, and also rearrangement of rooms occupied by the Mayor, and alterations required in basement are demanded for the proper transaction of business, all of which will cost about \$25,000.

CRIMINAL COURT BUILDING.

This building is in a deplorable condition, and requires a general overhauling of ventilating, heating and electric system; plumbing, painting, carpentering, plastering, tiling, etc., also rooms should be rearranged to meet proper requirements of courts and offices, all of which will cost about \$75,000.

Respectfully,

JACOB A. CANTOR, President.

SUMMARY.

Riverside Drive Extension (chapter 665, Laws of 1897)	\$2,121,000 00
Repaving streets and avenues (Charter, section 169) ..	1,660,548 00
Sewers—	
Cleaning	110,000 00
Repairing	129,000 00
Repairs to Public Buildings—	
City Hall	25,000 00
Criminal Courthouse	75,000 00
Sewers—	
Assessment work, rebuilding old sewers, 80 miles, at \$35,000	\$2,800,000 00
Building new sewers, 24 miles at \$50,000.....	1,200,000 00
Total	\$8,120,548 00

Hon. EDWARD M. GROUT, *Comptroller*:

DEAR SIR—Inclosed herewith please find synopsis of specifications for alterations to City Hall, Criminal Court Building and County Courthouse. Such repairs are absolutely necessary to properly renovate, put in first-class order and make said building tenable (and as shown in greater detail in specifications) for the following reason:

CITY HALL.

Exterior stonework is unsightly and damaged, ventilating and heating system is very imperfect, painting inside and outside, including necessary repairs to plastering, carpentering, etc., is essential, and also rearrangement of rooms occupied by the Mayor, and alterations in the offices of the Mayor's Marshal and those of the City Record are required for the proper transaction of business, all of which will cost about \$25,000. Bond Budget, \$25,000.

CRIMINAL COURT BUILDING.

Many of the rooms in the above building are unoccupied, and cannot be occupied until the necessary repairs and alterations, which are included in the following, are made. The walls where plaster has fallen off to be repaired. All the halls in the building are in a rough and crude state, having never been properly finished or painted. The Judges and District Attorney require additional rooms, which will necessitate the erection of several partitions. The plumbing should be generally overhauled, and the entire steam heating plant cannot be relied on to last another winter unless wholly repaired. A perfect system of ventilation is necessary, inasmuch as the only ventilation accessible now is that which is offered by the small windows opening on the streets, which has proven very inadequate. The above-mentioned repairs, together with the details which must necessarily follow, will cost at least \$75,000. Bond Budget, \$75,000.

COUNTY COURTHOUSE.

This building is in a very bad condition, and also requires a general overhauling of the heating system, ventilating system, plumbing, plastering, carpentering, tiling, roofing, etc. Rearrangement of rooms, and additional rooms in basement for use of Surrogate and County Clerk are also necessary, all of which would cost about \$20,000. County Courthouse, general repairs, etc., \$10,500.

Respectfully submitted,

WILLIAM H. WALKER,
Superintendent Public Buildings and Offices.

CITY OF NEW YORK,

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL,
April 9, 1902.

Hon. EDWARD M. GROUT, *Comptroller*, Stewart Building, City:

DEAR SIR—Referring to my estimate of cost of public improvements for the Borough of Manhattan, transmitted to you under date of April 7, I desire to state that the amount of four million dollars (\$4,000,000) specified for sewer assessment work includes the cost of sewer construction authorized by the Board of Public Improvements prior to January 1, 1902, for which no contracts have yet been awarded. In addition to the amount asked for in said estimate for various public improvements, the sum of one million dollars (\$1,000,000) will be required to defray the cost of contemplated improvements, such as regulating, grading, curbing and paving streets, the cost of which will be paid for by assessment. This amount also includes the cost of those public improvements—regulating, grading, curbing, etc.—authorized by the Board of Public Improvements prior to January 1, for which no contracts have yet been let.

Respectfully,

JACOB A. CANTOR, President.

THE CITY OF NEW YORK,
OFFICE OF PRESIDENT OF THE BOROUGH OF THE BRONX,
MUNICIPAL BUILDING, CROTONA PARK,
NEW YORK, April 12, 1902.

Hon. J. W. STEVENSON, *Secretary, Board of Estimate and Apportionment*:

DEAR SIR—Inclosed herewith I send you list of amounts for improvement for the year 1902, to be provided for by the issue of stocks and bonds, to be inserted in the Budget for the Borough of The Bronx.

Kindly see that this will be presented to the Board of Estimate and Apportionment at its meeting for Monday, April 14, 1902.

Yours truly,

LOUIS F. HAFFEN, President of the Borough of The Bronx.

PRESIDENT OF THE BOROUGH OF THE BRONX.

Corporate Stock.

New Courthouse at One Hundred and Sixty-first street and Third avenue (site fixed).....	\$450,000 00
Bridge over the New York & Harlem Railroad and Bronx river at Two Hundred and Twenty-second street (Eighth avenue).....	150,000 00
Bridge over the New York & Harlem Railroad and Bronx river at Two Hundred and Thirty-third street (one-half cost).....	88,171 00
Bridge over Bronx river at Tremont avenue.....	75,000 00
Bridges at crossings of New York & Harlem Railroad (one-fourth cost).....	121,300 00
Bridges at crossings of New York Central Railroad, main line (one-fourth cost).....	95,000 00
Bridges and approaches over Port Morris Branch Railroad (one-fourth cost).....	127,725 00
Bridges with approaches over the Harlem River Branch of the New York, New Haven & Hartford (one-fourth cost).....	125,875 00
Bathhouses for 1902 (2 baths).....	42,000 00
Street signs.....	33,000 00
Reconstructing, alteration and cleaning of sewers, constructing temporary disposal works, and making surveys for sewer outlet for upper part of Bronx watershed.....	62,000 00
Repaving of streets and avenues.....	300,000 00*
Boscobel place.....	40,000 00
Corporation yard and stables.....	100,000 00
Repairs to Jerome and other avenues through Borough requested by automobilists and cyclists, etc.....	200,300 00
Repairs to Municipal Building, Courthouses and Coroner's office, etc.....	48,000 00
Public comfort stations.....	15,000 00
Total.....	\$2,073,371 00

Assessable Improvements.

Sewer Construction (Street Improvement Fund)—*(pending contracts included above).....	\$2,498,346 00
Highways, regulating grading and paving *(pending contracts included above).....	3,760,715 00
Total street improvements payable by assessment.....	6,259,061 00
Grand total.....	\$8,332,432 00

CITY OF NEW YORK—BOROUGH OF BROOKLYN,
OFFICE OF THE PRESIDENT OF THE BOROUGH,
February 27, 1902.

Hon. E. M. GROUT, *Department of Finance, New York City*:

DEAR SIR—I am directed by the President of the Borough to transmit to you, herewith inclosed, a copy of a letter which he has received this day from the Hon. Will-

* Means contracts authorized but not executed at January 1, 1902.

iam W. Goodrich, Justice of the Supreme Court, Appellate Division, Second Judicial Department, in relation to the necessity of securing a new Courthouse.

Yours very truly,

JUSTIN McCARTHY, Jr., Secretary.

(Copy.)

February 26, 1902.

J. EDWARD SWANSTROM, Esq.:

DEAR SIR—Recalling our conversation in reference to a new Courthouse, and after receiving a letter from Mr. Helmle asking me to prepare a statement outlining my views in the matter, I have to say:

In September, 1900, I wrote a letter to Mayor Van Wyck upon the subject of accommodations for the Appellate Division alone, and doubtless the letter is on file. But after consultation with several persons interested in and competent to judge of the situation, I find occasion for a material change in my views, growing out of the ever-increasing needs of all our courts for additional room.

I believe that it is for the best interests of this borough that ample provision should be made at once for the future. It can be made by taking as a site the park adjacent to the Municipal Building and purchasing or condemning the corner of Court and Joralemon streets, and erecting upon the whole plot a building worthy of the Greater City, and capable of accommodating and to be used exclusively for the entire Supreme Court and the Law Library. There ought to be seven large court-rooms, one for the Appellate Division and six for jury trial terms, and two somewhat smaller rooms for the trial of issues of fact (that is, Special Terms), and one for Chambers, with necessary rooms for all of the Justices and the Clerks of the several branches of the Court, and also rooms on each floor for the Bar.

The present Courthouse could be used for the County Court and other departments of the City, for some of which outside buildings are rented.

If the debt limit is so nearly reached as to prevent the issue of bonds, I do not see why an appropriation for a portion of the amount necessary could not be inserted in the Tax Budget this year and the remainder next year.

I do not know what the expense of a suitable building would be, but even if it amounted to a million dollars, this borough is entitled to have the necessary sum raised and the building erected. Other boroughs have had or are asking for suitable accommodations for their necessities; why should we not have the same?

Yours respectfully,

(Signed)

WM. W. GOODRICH.

CITY OF NEW YORK—BOROUGH OF BROOKLYN,
OFFICE OF THE PRESIDENT OF THE BOROUGH,
February 28, 1902.

Hon. J. W. STEVENSON, *Deputy Comptroller, Department of Finance, City of New York*:

DEAR SIR—I am directed by the President of the Borough to transmit to you herewith inclosed, a copy of a resolution which he wishes you to present at the next meeting of the Board of Estimate and Apportionment for an appropriation of \$16,000 for the purpose of providing means for the construction of a bridge at Avenue U, across Gerritson Basin, in the Borough of Brooklyn.

Yours very truly,

JUSTIN McCARTHY, Jr., Secretary.

CITY OF NEW YORK—BOROUGH OF BROOKLYN,
OFFICE OF THE PRESIDENT OF THE BOROUGH,
March 18, 1902.

Hon. J. W. STEVENSON, *Secretary, Board of Estimate and Apportionment, Borough of Manhattan*:

DEAR SIR—I am directed by the President of the Borough to transmit to you, herewith inclosed, in accordance with the request of the Board of Estimate and Apportionment, a communication from the Commissioner of Public Works, together with three schedules, marked respectively A, B and C, setting forth in detail the requirements of this Department which must be met by the issue of Corporate Stock of The City of New York during the year 1902.

Yours very truly,

JUSTIN McCARTHY, Jr., Secretary.

(Copy.)

CITY OF NEW YORK—BOROUGH OF BROOKLYN,
OFFICE OF THE COMMISSIONER OF PUBLIC WORKS,
BOROUGH HALL, March 17, 1902.

Hon. J. EDWARD SWANSTROM, *Borough President, Brooklyn, N. Y.*:

DEAR SIR—In response to the letter of the Comptroller, dated 5th inst., stating that the Board of Estimate and Apportionment request estimates in detail of the requirements of departments which are to be met by the issue of Corporate Stock during the year 1902, I beg to submit the following. As said letter from the Comptroller calls for information concerning the obligations of the City for improvements under way, these also are included below:

BUREAU OF SEWERS.

Please note "Schedule A" herein, showing cost of pending contracts chargeable against the Street Improvement Fund as.....	\$1,948,605 00
Kindly note also "Schedule B" herewith, giving details of sewers required, thus:	
Sewers petitioned for.....	\$2,396,500 00
Imperative sewers not petitioned for.....	366,000 00
Relief sewers (Corporate Stock).....	250,000 00
Single block sewers.....	70,000 00
	3,082,500 00

Total for sewers..... \$5,031,105 00

All the above is assessment work except the relief sewers.

BUREAU OF HIGHWAYS.

Please note "Schedule C" attached.	
Corporate Stock of The City of New York needed for repaving.....	\$1,500,000 00
The Engineer's approximate estimate of the amount required for replacing the cobblestone pavements in the borough (226 miles) with modern pavement is from \$18,000,000 to \$20,000,000.	

Assessable Improvements (Schedule C).

Four street improvements, as per list herewith.....	\$46,200 00
Improvements authorized, but not yet.....	454,030 00
Improvements not yet authorized.....	500,000 00
	1,000,230 00

It should be recalled that the last item of \$500,000 includes all street improvements petitioned for during the current year.

Street Signs.

1,400 illuminated street signs, at \$2.50 each.....	\$3,500 00
700 iron standards, erected, \$15 each.....	10,500 00
8,000 enameled signs, erected, and guaranteed for three years, at 50 cents each.....	4,000 00
Contingent expenses for location and erection of above....	1,000 00
	23,500 00

\$2,523,730 00

BUREAU OF PUBLIC BUILDINGS AND OFFICES.

New Courthouse, Gates avenue, near Marcy avenue, for Second District Municipal Court and Sixth District Magistrates' Court.....	\$38,000 00
Repairs to the Borough Hall.....	20,000 00
Two interior baths, at \$25,000 each.....	50,000 00
Two interior baths, at \$50,000 each.....	100,000 00
One large underground public comfort station.....	15,000 00
Five small public comfort stations, at \$3,000 each.....	15,000 00

Total for Bureau of Public Buildings and Offices..... \$238,000 00

SUMMARY.
Corporate Stock.

Bureau of Sewers.....	\$250,000 00
Bureau of Highways.....	1,523,500 00
Bureau of Public Buildings and Offices.....	238,000 00

\$2,011,500 00

Assessment Bonds.

Bureau of Sewers.....	\$4,781,105 00
Bureau of Highways.....	1,000,230 00
Bureau of Public Buildings and Offices.....	?

\$5,781,335 00

All of which is respectfully submitted.

Yours very truly,
(Signed) WILLIAM C. REDFIELD, Commissioner of Public Works.

OFFICE OF COMMISSIONER OF PUBLIC WORKS.

BUREAU OF SEWERS, BOROUGH OF BROOKLYN.

Estimated Cost of All Contracts Pending in Bureau of Sewers on March 10, 1902,
Chargeable Against the Street Improvement Fund.

Location.	Street.	Between What Streets.	Estimated Cost.
Map T, District 40.	Fort Hamilton avenue	Sixty-second street to Sixtieth street....	\$460,000 00
	{Sixtieth street.....	Fort Hamilton avenue to Fourteenth ave- nue	
Map V, District 42.	{Eighty-sixth street....	Fourth avenue to New York Bay.....	59,500 00
	{First avenue.....	Seventy-ninth street to Eighty-sixth street..	
	{Second avenue.....	Seventy-ninth street to Eighty-sixth street..	175,000 00
	{Shore driveway.....	Eighty-sixth street to temporary outlet foot of Eighty-third street.....	
Map O, District 37.	Huron street.....	East river to Provost street.....	11,700 00
	Provost street.....	Huron street to Greenpoint avenue.....	
	Greenpoint avenue.....	Provost street to Jewell street.....	2,200 00
	Jewell street.....	Greenpoint avenue to Norman avenue.....	
	Norman avenue.....	Jewell street to 100 feet east of Humboldt street	1,300 00
	Meserole avenue.....	Jewell street to Diamond street.....	
Map J, District 22.	{Court street.....	Bryant street and the bulkhead line.....	1,650 00
	{Court street.....	Outlet from Bryant street to Lorraine street	
Map S, District 39.	Belmont avenue.....	Sackman street and Powell street.....	36,300 00
	Belmont avenue.....	Outlet from Powell street to Vesta avenue.....	
Map T, District 40.	{Fifty-seventh street..	Seventh avenue to Eighth avenue.....	40,440 00
	{Seventh avenue.....	Fifty-first street and Fifty-second street..	
Sewer	New Utrecht avenue..	Thirty-eighth street and Fifty-second street	10,500 00
	Eighty avenue.....	Fifty-fourth street to Sixty-second street..	
Sewers	Ninth avenue.....	Fifty-fourth street to Sixty-second street..	620 00
	Fort Hamilton avenue..	Fifty-fourth street to Sixty-second street..	
	Fifty-fourth street....	Seventh avenue to Fort Hamilton avenue..	35,600 00
	Forty-seventh street..	Sixth and Seventh avenues.....	
Sewers	Sixty-eighth street....	Sixth and Seventh avenues.....	3,600 00
	Sixtieth street.....	Sixth and Seventh avenues.....	
Sewer.....	Seventh avenue.....	Forty-seventh and Fifty-first streets.....	38,500 00
	Elizabeth street.....	Van Brunt street and the summit of street east	
Sewer	Ninety-ninth street....	Third avenue and Fort Hamilton avenue..	37,850 00
	Third avenue.....	Ninety-ninth street to Bay Ridge parkway (or Shore road).....	
Outlet sewer..	Bay Ridge Parkway....	Third avenue to Fourth avenue.....	38,270 00
	Fourth avenue.....	Shore road to One Hundred and First street	
	Fort Hamilton avenue..	Fourth avenue to Fort Hamilton avenue..	880,000 00
	Fort Hamilton avenue..	One Hundred and First street to Ninety- second street.....	
Sewer	Bedford avenue.....	Union street and Montgomery street.....	500 00
	Fifteenth street.....	Prospect Park West and the former line between the City of Brooklyn and the Town of Flatbush.....	
	Sixteenth street.....	Prospect Park West and the former line between the City of Brooklyn and the Town of Flatbush.....	1,470 00
	Windsor place.....	Prospect Park West and the former line between the City of Brooklyn and the Town of Flatbush.....	
	Prospect avenue.....	Prospect Park West and the former line between the City of Brooklyn and the Town of Flatbush.....	150 00
	Seventeenth street....	Prospect Park West and the former line between the City of Brooklyn and the Town of Flatbush.....	
Sewer	Eighteenth street....	Prospect Park West and the former line between the City of Brooklyn and the Town of Flatbush.....	150 00
	Nineteenth street....	Prospect Park West and the former line between the City of Brooklyn and the Town of Flatbush.....	
	Gravesend avenue....	Tenth avenue and Vanderbilt street.....	175 00
	Eleventh avenue.....	Eighteenth street and Fifteenth street....	
	East Fourth street....	Vanderbilt place and old city line.....	140 00
	Eighteenth street....	Terrace place and old city line.....	
	Terrace place.....	Eighteenth street and Prospect avenue.....	1,700 00
	Prospect avenue.....	Vanderbilt street and old city line.....	
Sewer	Wyckoff avenue.....	Myrtle avenue and Flushing avenue.....	1,300 00
	Johnson avenue.....	Gardner avenue and Knickerbocker avenue	
	Flushing avenue.....	Irving avenue and Gardner avenue.....	4,000 00
	Ninety-third street....	Marine avenue and Fourth avenue.....	
	Ninety-fourth street....	Marine avenue and Fourth avenue.....	1,700 00
	Ninety-fifth street....	Marine avenue and Fourth avenue.....	
Sewer	Ninety-seventh street..	Ninety-second street and Ninety-sixth street	8,290 00
	Marine avenue.....	Shore road and Marine avenue.....	
	Second avenue.....	Ninety-sixth street and Fort Hamilton ave- nue	1,800 00
	Third avenue.....	Ninety-fourth street and Marine avenue..	
	Tenth avenue.....	Seventy-seventh street to Sixty-second street	8,650 00
Sewer	Sixty-second avenue..	Tenth avenue to Sixth avenue.....	
	Sixth avenue.....	Sixty-second street to Sixty-fourth street	500 00
	Sixty-fourth street....	Sixth avenue to New York Bay.....	
Sewer	Eighty-sixth street....	Twenty-first avenue and Bay Twenty-eighth street	1,500 00
	Eightieth street.....	Second avenue and Third avenue.....	
Basin	Southwest corner....	Southwest corner of Glenmore avenue and Essex street.....	150 00
	Eighty-second street..	Second avenue and Third avenue.....	
Sewer	Luquer street.....	Hamilton avenue and Hicks street.....	150 00
	Northwest corner....	Beverly road and Coney Island avenue..	
Basin	Northwest corner....	Bay Thirteenth street and Bath avenue..	175 00
	Northwest corner....	Beverly road and East Eighteenth street..	
Basin	Northwest corner....	Fennimore street and Nostrand avenue..	1,400 00
	Northwest corner....	Third avenue and Fourth avenue.....	
Sewer	Sackett street.....	Dwight street and Richards street.....	1,700 00
	Coffey street.....	Johnson avenue and Flushing avenue.....	
Sewer	Gardner avenue.....	Fifth avenue and Sixth avenue.....	8,290 00
	Fifty-third street....	Third avenue and the summit 467 feet east of Third avenue.....	
Sewer	Ninetyth street.....	Fifth avenue and Fort Hamilton avenue..	1,800 00
	Ninety-fourth street..	Fourth avenue and Fort Hamilton avenue..	
	Ninety-fifth street....	Fourth avenue and Fort Hamilton avenue..	8,650 00
	Ninety-seventh street..	Ninety-second street and Ninety-fourth street	
	Gelston avenue.....	Ninetyth street and Ninety-second street..	1,700 00
	Third avenue.....	Eastern parkway and President street....	
Sewer	Kingston avenue.....	Beverly road and Church avenue.....	27,250 00
	East Eighth street....	East Eighth street and Coney Island ave- nue	
	Church avenue, s. s....	East Eighth street and Coney Island ave- nue	27,250 00
	Turner place.....	East Eighth street and Coney Island ave- nue	
	Hinckley place.....	Church avenue and Beverly road.....	27,250 00
	Coney Island avenue..	Sixth avenue and Fort Hamilton avenue..	
	Seventy-second street..	Sixth avenue and Fort Hamilton avenue..	27,250 00
	Seventy-third street..	Sixth avenue and Fort Hamilton avenue..	
	Sixth avenue.....	Seventy-first street and Sixty-fourth street	27,250 00
	Seventh avenue, w. s..	Seventy-second street and Seventy-third street	

Sewer	Seventy-fourth street..	Fort Hamilton avenue and Tenth avenue..	1,600 00
Sewer	West Sixteenth street.	Surf avenue and Neptune avenue.....	3,700 00
Sewer	{Twelfth avenue.....	{Sixtieth street and Sixty-fifth street....}	5,400 00
	{Sixty-fifth street, n. s.	{Tenth avenue and Twelfth avenue.....}	1,600 00
Sewer	Seventy-third street..	Fort Hamilton avenue and Tenth avenue..	1,500 00
Sewer	Seventy-second street..	Fort Hamilton avenue and Tenth avenue..	1,500 00
Basin		At the intersection of the northerly side of the plaza at the foot of Grand street and the easterly curb line of River street and the easterly curb line of River street and the easterly curb line of River street	135 00
Sewer	Riverdale avenue.....	Osborn street and Thatford street.....	550 00
Sewer	{Bay Ridge avenue.....	{Second avenue and Third avenue.....}	8,550 00
	{Bay Ridge avenue.....	{Second avenue and Third avenue.....}	8,550 00
Sewer	Park avenue.....	Emerson place and Classon avenue.....	630 00
Sewer	Belmont avenue.....	Cleveland street and Ashford street.....	500 00
Sewer	{Waterbury street.....	{Scholes street and Meserole street.....}	5,200 00
	{Meserole street.....	{Waterbury street and Morgan avenue.....}	5,200 00
	{Bogert street.....	{Meserole street and Johnson avenue.....}	5,200 00
	Eighty-eighth street..	First avenue and Fifth avenue.....	27,500 00
	Eighty-ninth street..	Third avenue and Fourth avenue.....	
	First avenue.....	Ninety-second street and Eighty-sixth street	150 00
	Fourth ave. (both sides)..	Ninety-second street and Eighty-sixth street	
	Fifth avenue.....	Ninety-second street and Eighty-sixth street	175 00
	Second avenue.....	Eighty-eighth street and Eighty-sixth street	
	Third avenue.....	Eighty-ninth street and Eighty-sixth street	600 00
Basin	Northwest corner....	Winthrop street and Rogers avenue.....	
Basin	Northeast corner....	St. Nicholas avenue and Harman street....	600 00
Basin	Northeast corner....	Newkirk avenue and Ocean avenue.....	
	{N. e. and n. w. cors.	{Ocean avenue and Foster avenue.....}	600 00
Total amount of contracts pending in Sewer Bureau, Borough of Brooklyn.....			\$1,948,605 00

OFFICE OF THE COMMISSIONER OF PUBLIC WORKS, BUREAU OF SEWERS,
BOROUGH OF BROOKLYN, CITY OF NEW YORK, CHIEF ENGINEER'S OFFICE,
MUNICIPAL BUILDING, March 11, 1902.

Mr. JOHN THATCHER, Superintendent of Sewers:

DEAR SIR—You have referred to me communications from the Commissioner of Public Works, dated March 6 and 8, 1902, the latter transmitting a copy of a communication from the Comptroller to the President of the Borough of Brooklyn, all of which relate to the request of the Board of Estimate and Apportionment to transmit to said Board "estimates in detail of the requirements of the said departments which are to be met by the issue of Corporate Stock during the year 1902, to the end that said Board may be in a position to prepare from such estimate what may be termed a budget of the contemplated outlay from proceeds of said bond issues, just as an annual budget of ordinary expenditures is prepared, which will be a guide in regulating expenditures of that character throughout the city."

"In this estimate please furnish us complete details, including estimated cost in connection with each project, as it is possible to furnish in advance, and also give such facts concerning each project as will enable the Board to determine the relative importance and necessity of the various improvements contemplated, and the relative rights of one to preference over others."

I herewith return said communications, giving estimates of cost in connection with each project, and have divided said report into four parts, viz.:

First—Those improvements which have been petitioned for by citizens subsequent to January 1, 1902, and reported upon from this office.

Second—Main sewers, of which there is an imperative need, although not petitioned for by citizens subsequent to January 1, 1902.

Third—Relief sewers.

Fourth—An estimated amount for single block sewers covering anticipated improvements usually petitioned for during each year, scattered throughout the city.

Details are given in each case, showing the necessity for the improvements. The improvements have been noted in regular order, thus giving, in my judgment, the preference one improvement should obtain over the others.

First—Sewers Petitioned for Subsequent to January 1, 1902.

(1). Avenue G, from Coney Island avenue to Flatbush avenue.
Flatbush avenue, westerly side, from its northerly intersection with Avenue G to its southerly intersection with Avenue G.
Avenue G, from Flatbush avenue to Nostrand avenue.
Nostrand avenue, from Avenue G to Avenue F.
Avenue F, from Nostrand avenue to Paerdegat avenue, southerly side.
Paerdegat avenue, southerly side, from Avenue F to East Forty-fifth street.
East Forty-fifth street, from Paerdegat avenue, southerly side, to Avenue G.
Avenue G, from East Forty-fifth street to Paerdegat avenue, southerly side.
Paerdegat avenue, southerly side, from Avenue G to Flatlands avenue.
Avenue F, from East Twenty-sixth street to Nostrand avenue, with silt and trap basin at Flatlands avenue and Paerdegat avenue, southerly side.
Estimated cost \$266,700 00

Requisite outlet sewers and appurtenances for above, to conform to adopted drainage district plans, are as follows:

A pumping plant and building will be required to be built on land to be procured near Flatlands avenue and Paerdegat avenue, northerly side, with a force main from said pumping plant through Paerdegat avenue, northerly side, from Flatlands avenue to Ralph avenue; Ralph avenue, from Paerdegat avenue, northerly side, to Avenue D.

Also gravity sewers in
Ralph avenue, from Avenue D to Avenue C.
Avenue C, from Ralph avenue to Avenue D.
Avenue D, from Avenue C to Powell street.
Powell street, from Avenue D to Vienna avenue.
Vienna avenue, from Powell street to Williams avenue.
Williams avenue, from Vienna avenue to Fresh Creek basin.
For dry-weather flow only—
Vienna avenue, from Williams avenue to Malta avenue.
Malta avenue, from Vienna avenue to Wortman avenue.
Wortman avenue, from Malta avenue to New Jersey avenue.
Estimated cost \$465,300 00

I believe the above improvement should be the first that should be authorized to be constructed in this borough, excepting perhaps that portion which is included in the outlet sewers above described, which could be delayed for the reasons hereinafter stated.

The construction of the main as described in Avenue G, from Coney Island avenue to Flatbush avenue, through several streets to a silt and trap basin at Flatlands avenue and Paerdegat avenue, southerly side, is, in fact, almost imperative. The territory for which it is designed to drain is the northern section of Flatlands, in a thoroughly built up district, and would afford sewerage facilities to at least 3,000 citizens.

During heavy rainfalls water collects at the intersections of the streets, there being many depressed basins at said intersections, necessarily so, due to adjusted street grades in a flat territory. As this is the case, the streets in the vicinity are rendered almost impassable during rainfalls, and the health of the citizens thereof is constantly menaced, while their cellars are continually flooded. The outlet sewers, with a pumping plant, as described, could be postponed in construction for about a year's time, providing the trap basin spoken of is used as a temporary purification basin. I would not recommend the postponement of these outlet sewers, except from the fact that there are so many other sewer improvements which are of as much necessity, I might say, to the convenience and health of the citizens of this borough as the one just described, said improvements being, as will be noted hereinafter, of considerable cost.

(2) Sixtieth street, from Fourteenth avenue to Nineteenth avenue.
Nineteenth avenue, from Sixtieth street to West street, crossing West street to Bergen lane.
Bergen lane, from West street to Foster avenue.
Foster avenue, from Bergen lane to Flatbush avenue.
Flatbush avenue, from Foster avenue to Bedford avenue.
East Fifteenth street, from Foster avenue to Caton avenue.
Caton avenue, from East Fifteenth street to Parade place.

Parade place, from Caton avenue to Ocean parkway.
Ocean parkway, from Parade place to St. Paul's place.
Estimated cost..... \$880,000 00

The construction of this improvement is about as imperative as the one just before described, and it has been difficult to determine which of the two should have been given the precedence, as similar conditions exist in both cases. Precedence, however, has been determined only from the fact that the Avenue G main is distinct and does not depend upon the construction and completion of other mains; therefore relief could be given to the citizens draining into said main in a shorter time. The mains mentioned in this second improvement will provide for the draining of Borough Park, Blythebourne and Parkville, and permit of the change of the separate system of sewers in Flatbush to one to care for surface waters as well as house drainage. Main sewers which are a part of this main have been authorized and contracted for, and are in course of construction from Sixtieth street and Fourteenth avenue westward to New York Bay, to discharge at the foot of Sixty-fourth street. It is estimated that all of these contracts will be completed in about a year and a half's time. Postponement further should not obtain in the authorization of the mains in question, because it is estimated that it will take a year and a half to complete them, thus providing for the completion of almost the entire mains at about the same time. The necessity of sub-mains to drain into the main above described, will be treated hereafter in this report. At least 60,000 citizens would be provided with proper sewerage conveniences when this main is completed.

(3) Bedford avenue, from Montgomery street to Flatbush avenue.
Estimated cost..... \$150,000 00

This main sewer is advisable, as I am informed that Bedford avenue is to be paved with asphalt, providing a much needed thoroughfare, and it is obvious that said avenue should not be paved and immediately thereafter torn up in building a sewer. It is a part of the main sewer just before described, and is necessary for drainage as well as for the necessity to precede the paving of the street.

(4) Seventh avenue, between Seventy-ninth street and Ninety-second street.
Tenth avenue, between Seventy-ninth street and Ninety-second street.
Eleventh avenue, between Seventy-ninth street and Eighty-sixth street.
Twelfth avenue, between Seventy-ninth street and Eighty-sixth street.
Thirteenth avenue, between Seventy-ninth street and Eighty-sixth street.
Fourteenth avenue, between Eighty-third street and Eighty-sixth street.
Seventy-ninth street, between Seventh avenue and Thirteenth avenue.
Eighty-fifth street, between Seventh avenue and Fourteenth avenue.
Eighty-second street, between Seventh avenue and Thirteenth avenue.
Eighty-fourth street, between Seventh avenue and Fourteenth avenue.
Eighty-third street, between Seventh avenue and Fourteenth avenue.
Eighty-sixth street, between Seventh avenue and Fourteenth avenue.
Estimated cost..... \$124,600 00

Outlets in

Parrott place, between Seventh avenue and Ninety-second street.
Tenth avenue, between Eighty-sixth street and Seventh avenue.
Gubner street, between Eighty-sixth street and Seventh avenue.
Derussey street, between Eighty-sixth street and proposed street through northern portion of Dyker Beach Park.
Eleventh avenue, between Eighty-sixth street and proposed street through northern portion of Dyker Beach Park.
Twelfth avenue, between Eighty-sixth street and proposed street through northern portion of Dyker Beach Park.
Bay First street, between Eighty-sixth street and proposed street through northern portion of Dyker Beach Park.
Bay Second street, between Eighty-sixth street and proposed street through northern portion of Dyker Beach Park.
Fourteenth avenue, between Seventy-ninth street and Eighty-third street.
Fourteenth avenue, between Eighty-sixth street and proposed street through northern portion of Dyker Beach Park.
Seventy-ninth street, between Thirteenth avenue and Fourteenth avenue.
Eightieth street, between Seventh avenue and Eleventh avenue.
Eightieth street, between Thirteenth avenue and Fourteenth avenue.
Eighty-first street, between Seventh avenue and Eleventh avenue.
Eighty-first street, between Thirteenth avenue and Fourteenth avenue.
Eighty-second street, between Thirteenth avenue and Fourteenth avenue.
Proposed street through northern portion of Dyker Beach Park, between Fourteenth avenue and Seventh avenue.
Ninety-second street, between Seventh avenue and New York Bay.
Estimated cost..... \$873,000 00

These main sewers and the outlets are to drain a greater portion of New Utrecht, comprising Fort Hamilton, Dyker Heights section, Bath Beach and Bensonhurst. It is apparent to all, without further mention, that sewers to drain this section of the borough are greatly needed. The said main was petitioned for in 1900, and the people of the district have repeatedly urged its construction since that time. There are several main sewers which have been built in the Fort Hamilton section which depend upon the construction of this outlet, in order that proper sewerage facilities may be obtained by the people. The main also converts, although utilizing the small house drainage sewers of Bensonhurst and Bath Beach, which are now discharging into Gravesend Bay, to the detriment of the health of the bathers and residents of this summer resort of the borough, to a combined system caring for rain-falls and conducting same to the swift waters of the Narrows. Impassable intersections also exist in this vicinity during and after heavy rain-falls.

(5) Fourteenth avenue, between Thirty-ninth street and Forty-first street.
Thirty-ninth street and Fortieth street, between Fourteenth avenue and New Utrecht avenue.
Estimated cost..... \$38,100 00

Outlets in

Tenth avenue, between Thirty-ninth street and New Utrecht avenue.
New Utrecht avenue, between Fifty-second street and Sixtieth street.
Estimated cost..... \$35,000 00

(6) New York avenue, between Avenue C and Avenue D.
Estimated cost..... \$2,000 00

Outlets in

New York avenue, between Avenue D and Newkirk avenue.
Newkirk avenue, between New York avenue and Nostrand avenue.
Nostrand avenue, between Newkirk avenue and Avenue F.
Estimated cost..... \$14,600 00

(7) Fourth avenue, between Ninety-ninth street and One Hundred and First street.
Estimated cost..... \$2,550 00

(8) Hart street, between Irving avenue and Wyckoff avenue.
Estimated cost..... \$1,750 00

(9) Eighth street, between Eighth avenue and Prospect Park West.
Estimated cost..... \$1,810 00

(10) Ninety-sixth street, between Third avenue and Marine avenue.
Estimated cost..... \$1,260 00

(11) Mermaid avenue, between West Fifteenth street and Stillwell place.
Estimated cost..... \$1,400 00

(12) Fort Hamilton avenue, between Sixty-fifth street and Sixty-sixth street.
Estimated cost..... \$1,600 00

Outlet in Sixty-fifth street, south side, between Fort Hamilton avenue and Tenth avenue.
Estimated cost..... \$1,410 00

(13) Receiving basin at the southwest corner of Pitkin avenue and Barbey street.
Estimated cost..... \$150 00

(14). Receiving basins, easterly corner of Twentieth street and Bath avenue.
Receiving basins, northerly corner of Bay Twenty-sixth street and Bath avenue.
Estimated cost..... \$135 00

Receiving basins, easterly corner of Nineteenth avenue and Bath avenue.
Estimated cost..... \$135 00

Receiving basins, Rogers avenue and Winthrop street, northeast and southeast corners.
Estimated cost..... \$300 00

Improvements beginning with No. 5, up to and including No. 15, are needed. They have been petitioned for by citizens and should be constructed. Precedence is given to Nos. 5 and 6, because they are main sewers of the new and rapidly growing territory of the Borough of Brooklyn, No. 5 supplying a connecting link for a main sewer, constructed in New Utrecht avenue, between Thirty-eighth street and Fifty-second street, thus providing an uninterrupted main.

Second—Imperative Sewers Not Petitioned for Subsequent to January 1, 1902.

Under this heading the first of importance is sewers in:

(A). Quay street, from East river to West street.
West street, from Quay street to North Fifteenth street.
North Fifteenth street, from West street to Engert avenue.
Engert avenue, from North Fifteenth street to Humboldt street.
Engert avenue, from Russell street to North Henry street.
Wythe avenue, from Norman avenue to North Fifteenth street.

Estimated cost..... \$75,000 00

This main sewer is about the last one of importance that remains to be authorized and constructed in the old City of Brooklyn, that is, considering said city before the annexation of the county towns. The swamp lands which formerly existed adjacent to old Bushwick creek have been gradually filled in, and sub-main sewers, which formerly discharged there, have been temporarily carried to the North Twelfth street main sewer, thereby tending to surcharge it during heavy rainfalls. Sub-mains are now discharging near Norman avenue and Banker street and at Franklin street and Kent avenue into small ditches, Bushwick creek having been practically destroyed, excepting these existing ditches, which must be used to convey sewage to the East river until the Quay street, etc., main sewer is built. These ditches are liable to obstruction, thereby tending to cause damage to property owners by the flooding of their cellars.

I earnestly hope that this sewer may be taken up as speedily as possible, and hurried to a completion.

(B). East Fifth street, between Ditmas avenue and Vanderbilt street.

Ditmas avenue, between East Fifth street and Ocean parkway.

Ocean parkway, west side, between Ditmas avenue and Foster avenue.

Estimated cost..... \$116,300 00

This main sewer should be constructed to provide for the storm drainage of the Windsor terrace section, and the property in the vicinity of the Ocean parkway entrance of Prospect Park, where, after heavy rainfalls, large ponds of water collect.

(C). Coney Island avenue, between Foster avenue and Beverley road.

Estimated cost..... \$33,400 00

This main sewer would extend into the Matthews Park section of the borough, and very materially assist in converting the existing sewers in Flatbush from the separate system to a combined system, to care for surface waters.

(D). Fourteenth avenue, between proposed street north of Dyker Beach and Bath avenue.

Bath avenue, between Fourteenth avenue and Twenty-first avenue.

Estimated cost..... \$141,300 00

This improvement is a part of the main described under No. 4 of the preceding heading, and all that has been said there implies in this case. It was petitioned for in 1899, but as yet the property owners in the vicinity have not brought this main to the attention of the legislative authorities of the City subsequent to January 1, 1902.

Third—Relief Sewers.

(1). Sewer in Fourth avenue, between Butler street and Degraw street.

Degraw street, between Butler street and Gowanus canal.

Estimated cost..... \$80,000 00

(2). Sewer in Dean street, between Flatbush avenue and Third avenue; thence to Baltic street, to Nevins street, to Butler street, to Gowanus canal.

Estimated cost..... \$71,000 00

(3). Sewer enlarged in Evergreen avenue, between Halsey street and Schaeffer street.

Estimated cost..... \$6,000 00

(4). Sewer from Morgan avenue sewer to Newtown creek canal basin, between Meadow street and Stagg street.

Estimated cost..... \$17,000 00

(5). Sewer from Knickerbocker avenue and Flushing avenue to Porter avenue, to Newtown creek canal basin, opposite Porter avenue.

Estimated cost..... \$40,000 00

On July 5, 1901, an unprecedented rainfall occurred of more than 4 inches in an hour, whereby many cellars throughout the entire borough were flooded. Of course it will be readily understood that to provide a sewerage system to care for such a rainfall would be unreasonable on the part of the City. Much experience was obtained, however, after this heavy storm which has made me, after careful consideration, recommend certain small additions to our relief system. The original system of the old City of Brooklyn was designed for a 1-inch rainfall only. As the records kept at that time did not give that which fell in a short space of time, the devising of a system for a rainfall of 1 inch in an hour was considered sufficient. Subsequent study from the rainfalls recorded prove that the City of Brooklyn should have a system to care for at least a 2-inch rainfall per hour. Our relief system was so designed, and by its construction the desired result was obtained. It was proved that such was obtained from observations made after the unprecedented rainfall of July 5.

These relief sewers should be built at the earliest possible moment, in order to save

the City much money in the payment of damages to those whose cellars will be flooded. These recommended sewers would be a part of the relief system of sewers in this borough, if they are constructed, and as the original sewers were assessed upon the people I believe that it is the City's duty to provide these relief sewers, the cost of same to be charged against the City at large. If the present Charter does not provide for the issuing of bonds for a construction of this kind, I believe that an amendment by the Legislature of chapter 379, Laws of 1894, would enable the City to issue additional bonds. As I understand it, the \$2,000,000 limit in the issuance of bonds has been reached under this section of the law. Bonds at any event should be issued to the amount of \$250,000 for these relief sewers.

Fourth—Single Block Sewers.

It has been observed that in each year citizens have petitioned for what is known as "Single Block Sewers," or sewers scattered over the entire borough, to an amount of about \$70,000; therefore, provision should be made for such work.

RECAPITULATION.

First—Sewers petitioned for.....	\$2,396,500 00
Second—Imperative sewers not petitioned for.....	366,000 00
Third—Relief sewers	214,000 00
Fourth—Single block sewers.....	70,000 00
Total	\$3,046,500 00

In conclusion, I desire to state that the sewers mentioned under the first two headings of this report will provide main sewers only for at least 100,000 people who are begging for sewerage facilities at this time. This statement does not include lateral sewers which will be necessary before complete relief is afforded this large number of people. Thus it will be seen that the estimate is conservative, when consideration is given to the fact that this borough is growing at the rate of 52,000 per year. As this growth is especially large in the outlying districts through which these main sewers will extend, I can safely say that this amount of \$3,046,500 should be set aside for sewer improvements in this borough. I believe it is the opinion of all that sewer improvements should precede all others.

Yours respectfully,

HENRY R. ASSERSON, Chief Engineer of Sewers, Borough of Brooklyn.

SCHEDULE C.

STREET IMPROVEMENTS.

Improvements Under Contract, but Incomplete.

Street.	Limits.	Character of Improvements.	Estimated Cost.
Georgia avenue, between Glenmore avenue and Belmont avenue		Grading and paving with granite blocks.....	\$12,900 00
McKibbin street, between Bushwick avenue and Bogart street		Grading and paving with trap blocks.....	14,900 00
Morgan avenue, Driggs avenue to point 105 feet north....		Grading and paving with trap blocks.....	1,200 00
St. Mark's avenue, Howard avenue to point 275 feet west of Rockaway avenue.....		Regulating and grading.....	16,200 00
St. Mark's avenue, Howard avenue to point 275 feet west of Rockaway avenue.....		Engineering and inspection	1,000 00
			\$46,200 00

Improvements Authorized but not yet Contracted For.

Fifty-seventh street, Seventh avenue to Eighth avenue.....	Regulating and grading...	\$6,300 00
Ninety-ninth street, Third avenue to Fort Hamilton avenue.	Grading and paving with asphalt	12,000 00
Seventy-first street, Third avenue to Shore road.....	Grading and macadamizing	29,600 00
Seventy-second street, Sixth avenue and Fort Hamilton avenue	Regulating and Grading..	10,200 00
Seventy-third street, Sixth avenue and Fort Hamilton avenue	Regulating and grading..	9,000 00
Third avenue, Sixtieth street and Shore road.....	Grading and paving with asphalt	216,000 00
Knickerbocker avenue, Putnam avenue to Chauncey street..	Grading and paving with asphalt	50,000 00
Pitkin avenue, Snedeker avenue to Linwood street.....	Grading and paving with granite blocks.....	73,200 00

Flagging, Fencing, etc.

Second avenue, Sixty-seventh street to Eighty-sixth street, both sides.....	Laying cement sidewalks..	\$8,241 00
79 contracts	Flagging sidewalks.....	25,416 00
27 contracts	Fencing vacant lots.....	2,798 00
4 contracts	Grading vacant lots.....	2,275 00
Engineering and inspection.....		9,000 00
		\$454,030 00

The amount of street improvement bonds needed to cover the cost of paying improvements that have been petitioned for and for which work will probably be carried out is \$500,000.

In explaining this item it might be well to say that up to the present time the estimated cost for regulating grading, and paving the different streets petitioned for since January 1, 1902, is \$1,060,000. This, it will be seen, covers a period of less than three months, and the amount asked for is less than one-half of that already petitioned for.

It is probable, however, that the amount of \$500,000 would cover the cost of all work for which contracts would be entered into and completed the present year. It does seem, however, that this amount is as little as should be asked for in the light of the above figures.

PRESIDENT OF THE BOROUGH OF QUEENS.

Petitions which have been received for the construction of sewers in the following localities, for which same is to be paid for by assessments on the property benefited:

Sewers in Ingleside, South Flushing Park and Bowne Park, and the erection of a sewerage disposal plant in connection with same. Approximate cost	\$500,000 00
Sewers in the Blissville section of former Long Island City. Approximate cost	200,000 00
Sewers in the Maspeth and Newtown section of the Second Ward, which comprises a drainage area of 2,750 acres and the assessed valuation of same, \$4,500,000. Approximate cost.....	500,000 00
Sewer in the Boulevard, from Rockaway Park to Morton's creek, and the laying of the lateral sewers at Seaside, Hollands, Hammel's, Arverne and Edgemere, and the erection of a sewerage disposal plant in connection with same. Approximate cost.....	475,000 00
Sewer in Webster avenue and DeBevoise avenue, and the connection of the lateral sewers with the same. Approximate cost.....	30,000 00

Sewers in Elmhurst to connect with trunk sewer. Approximate cost..	50,000 00
Sewer in Martin street, Emma street, William street, Atlantic avenue, Zeidler avenue and Atlantic street, Ely avenue. Approximate cost.	20,000 00
Several small sewers in the First Ward, Long Island City. Approximate cost	35,000 00
	\$1,810,000 00

Repaving Work.

Jackson avenue, from Borden avenue to Thompson avenue— Approximate cost	\$122,850 00
Broadway (Flushing), from Main street to Flushing Bridge— Approximate cost	46,486 65
Flushing avenue, from Henry street to Van Alst avenue— Approximate cost	31,446 13
Fulton street and Main street to East river— Approximate cost	45,076 50
Main street, from Van Alst avenue to Fulton avenue— Approximate cost	16,668 33
Borden avenue, from Vernon avenue to Front street— Approximate cost	20,507 13
Total cost	\$283,034 74

Amount of Bonds to be issued in Corporate Stock, for repaving purposes	\$283,034 74
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Assessment Work.

Cleveland avenue, from Greenpoint avenue to Thompson avenue, Second Ward— Approximate cost	\$5,281 50
Assessed valuation	53,200 00
Taylor street, from Hopkins avenue to Van Alst avenue— Approximate cost	5,780 04
Assessed valuation	31,000 00
Camelia street, from Boulevard to Crescent street, First Ward— Approximate cost	21,000 00
Assessed valuation	197,425 00
Jamaica avenue, from Boulevard to Steinway avenue, First Ward— Approximate cost	37,381 26
Assessed valuation	704,465 00
Park place, from Woolsey avenue to Potter avenue, First Ward— Approximate cost	6,816 91
Assessed valuation	38,600 00
Hamilton street, from Webster avenue to Vernon avenue, First Ward— Approximate cost	14,406 00
Assessed valuation	123,690 00
Second avenue, from Flushing avenue to North of Potter avenue, First Ward.....	
Approximate cost	29,211 00
Assessed valuation	91,380 00
Hancock avenue, from Thompson avenue to Greenpoint avenue, Second Ward— Approximate cost	850 50
Assessed valuation	30,775 00
Woolsey avenue, from Second avenue to Park place, First Ward— Approximate cost	2,283 75
Assessed valuation	17,545 00
St. Nicholas avenue, from Ralph street to Gates avenue, Second Ward— Approximate cost	7,780 50
Assessed valuation	96,000 00
Maple street, from Bowery Bay road to Jackson's mill, Second Ward— Approximate cost	6,552 00
Assessed valuation	
Bell avenue, from Prince avenue to Crocheron avenue, Third Ward— Approximate cost	13,088 25
Assessed valuation	114,100 00
Montauk avenue, from Bell avenue, to First street, Third Ward— Approximate cost	1,748 25
Assessed valuation	9,800 00
Warburton avenue, from Bell avenue to Fifth street, Third Ward— Approximate cost	5,607 00
Assessed valuation	29,950 00
Lawrence Boulevard, from Bell avenue to Tenth street, Third Ward— Approximate cost	8,064 00
Assessed valuation	69,500 00
Park avenue, from Bell avenue to Second street, Third Ward— Approximate cost	2,079 00
Assessed valuation	10,975 00
Palace avenue, from Bell avenue to West avenue, Third Ward— Approximate cost	945 00
Assessed valuation	5,900 00
North William street, from Willow street to Van Alst avenue, First Ward— Approximate cost	4,000 50
Assessed valuation	24,530 00
Trowbridge street, from Willow street, to Van Alst avenue, First Ward— Approximate cost.....	4,000 50
Assessed valuation.....	24,550 00
Hoyt avenue from Woolsey street, to Van Alst avenue, Third Ward— Approximate cost	16,133 25
Assessed valuation.....	127,630 00
North Washington place, from Willow street to Van Alst avenue, First Ward— Approximate cost.....	3,213 00
Assessed valuation	30,675 00
Crescent street, from Grand avenue to Newtown avenue, First Ward— Approximate cost.....	4,551 75
Assessed valuation	51,750 00
Ninth avenue from Potter avenue to Woolsey avenue, First Ward— Approximate cost.....	4,221 00
Assessed valuation.....	101,067 00
Washington avenue, from Jamaica avenue to Atlantic avenue, Fourth Ward— Approximate cost.....	10,647 00
Morris avenue, from Jamaica avenue to Fulton avenue, Fourth Ward— Approximate cost	8,190 00
Ward street, from Jamaica avenue to Stewart avenue, Fourth Ward— Approximate cost.....	5,691 00

Fulton street, from Grand street to Washington street, Fourth Ward—	
Approximate cost.....	3,003 00
Amount of Bonds to be issued for Assessment Work which has already been passed by the Local Board.....	\$233,525 96
=====	
Kowenhoven street, from Broadway to Graham avenue (First Ward)—	
Approximate cost	\$10,315 36
Assessed valuation	53,850 00
Debevoise avenue, from Hoyt avenue to Newtown avenue (First Ward)—	
Approximate cost	10,804 75
Assessed valuation	71,345 00
Webster avenue, from Jackson avenue to East river (First Ward)—	
Approximate cost	156,512 40
Assessed valuation	200,000 00
Nott avenue, from Jackson avenue to Hunter avenue (First Ward)—	
Approximate cost	953 04
Assessed valuation (exempt).....	
Newton avenue, from Grand avenue to Van Alst avenue (First Ward)—	
Approximate cost	54,387 30
Assessed valuation	180,000 00
Van Alst avenue, from Nott avenue to Hoyt avenue (First Ward)	
Approximate cost	345,623 85
Assessed valuation	750,000 00
Hulst street, from Greenpoint avenue to Jackson avenue (First Ward)—	
Approximate cost	87,255 05
Assessed valuation	143,000 00
Bradley avenue, from Greenpoint avenue to Borden avenue (First Ward)—	
Approximate cost	18,399 70
Assessed valuation	100,500 00
William street, from Thirteenth street to Graham avenue (First Ward)—	
Approximate cost	142,489 60
Assessed valuation	120,000 00
Hunter avenue, from Wilbue avenue to Nott avenue (First Ward)—	
Approximate cost	71,698 00
Assessed valuation	164,000 00
Paynter avenue, from Jackson avenue to Van Alst avenue (First Ward)—	
Approximate cost	54,952 04
Assessed valuation	187,000 00
Academy street, from Graham avenue to Hunter avenue (First Ward)—	
Approximate cost	68,070 75
Assessed valuation	
Elm street, from Hopkins avenue to Van Alst avenue (First Ward)—	
Approximate cost	14,662 78
Assessed valuation	
Ridge street, from Academy street to Hopkins avenue (First Ward)—	
Approximate cost	15,675 00
Assessed valuation	90,000 00
Borden avenue, from Bradley avenue to Greenpoint avenue (First Ward)—	
Approximate cost	27,469 75
Assessed valuation	
Van Alst avenue, from Newtown Creek to Nott avenue (First Ward)—	
Approximate cost	99,005 50
Assessed valuation	423,000 00
Lockwood street, from Grand avenue to Broadway (First Ward)—	
Approximate cost.....	8,987 00
Assessed valuation.....	
Blackwell street, from Broadway to Graham avenue (First Ward)—	
Approximate cost.....	12,287 00
Assessed valuation.....	50,000 00
Sixth street, from Vernon avenue to Jackson avenue (First Ward)—	
Approximate cost.....	23,188 00
Assessed valuation.....	75,000 00
Ninth street, from West avenue to Van Alst avenue (First Ward)—	
Approximate cost.....	40,727 50
Assessed valuation.....	210,000 50
Moore street, from Jackson avenue to Thomson avenue (First Ward)—	
Approximate cost.....	27,562 50
Assessed valuation.....	102,000 00
Honeywell street, from Jackson avenue to Thomson avenue (First Ward)—	
Approximate cost.....	23,548 77
Assessed valuation.....	100,000 00
First street (Bayside), from Warburton avenue to Crocheron Avenue (Third Ward)—	
Approximate cost.....	4,767 00
Assessed valuation.....	30,000 00
Flushing street, from West avenue to Vernon avenue (First Ward)—	
Approximate cost.....	7,198 07
Assessed valuation.....	171,000 00
Flushing street, from Front street to West avenue (First Ward)—	
Approximate cost.....	12,867 25
Assessed valuation.....	71,000 00
Crosby street, from Vermont street to Miller place (Second Ward)—	
Approximate cost.....	8,428 20
Assessed valuation.....	
Vermont avenue, from Highland Boulevard to Miller place (Second Ward)—	
Approximate cost.....	13,141 15
Assessed valuation.....	
Clinton avenue, from Hamilton place to Astoria road (Second Ward)—	
Approximate cost.....	29,969 62
Assessed valuation.....	
Willow street, from Main street to Hoyt avenue (First Ward)—	
Approximate cost.....	22,149 75
Assessed valuation.....	
Hull avenue, from Remson place to Astoria road (Second Ward)—	
Approximate cost.....	29,179 50
Assessed valuation.....	
Clairmont avenue, from Maspeth avenue to Hull avenue (Second Ward)—	
Approximate cost.....	10,042 20
Assessed valuation.....	
Johnson avenue, from Maiden lane to Dry Harbor road (Second Ward)—	
Approximate cost.....	36,076 95
Assessed valuation.....	

Fresh Pond road, from Grand street to Maspeth avenue (Second Ward)—	
Approximate cost.....	1,674 75
Assessed valuation.....	
Total approximate cost.....	\$1,490,070 08

Amount of bonds to be issued for assessment work which was passed by the last Local Board and the Board of Public Improvements, but not by the Municipal Assembly. This work will be passed by the present Local Board in the near future. Total amount..... \$1,490,070 08

Summary.

Repaving Bonds, as per page 1.....	\$283,034 74
Assessment Bonds, as per page 4.....	\$233,525 96
Assessment Bonds, as per page 9.....	1,490,070 08
Amount of Bonds to be issued for sewer work.....	1,810,000 00
Total.....	3,533,596 04
	\$3,816,630 78

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND,
NEW BRIGHTON, N. Y., April 4, 1902.

Hon. EDWARD M. GROUT, Comptroller, No. 280 Broadway, New York:

DEAR SIR—Replying to Mr. Stevenson's letter of yesterday's date, I inclose to you herewith an itemized statement of the amount of bonds which I desire to have issued for improvements under my jurisdiction during the current year. The estimate is contained in the two inclosed schedules.

Very truly yours,

GEORGE CROMWELL, President of the Borough.

REPAVING STREETS—BOROUGH OF RICHMOND.

(Repaving Streets—Chapter 378, Section 48, Laws of 1897.)

BOND ISSUE REQUIRED FOR 1902 BY THE BOROUGH OF RICHMOND.

Granite on Concrete.

	Estimated Cost.
Richmond terrace, York avenue to Westervelt avenue.....	\$11,450 00
Richmond terrace, Taylor street to John street.....	35,830 00
Richmond Terrace, S. I. R. T. R. tracks to Richmond avenue, and Richmond avenue to Ferry landing.....	16,350 00
Bay street, Griffin street to Union place.....	50,900 00
Bay street, Thompson street to Marine Hospital.....	11,490 00
Broad street, Gordon street to Richmond road.....	17,575 00
Broadway, Union street to Castleton avenue.....	18,150 00
Stuyvesant place, South street to Wiener place.....	12,070 00
Jersey street, Richmond terrace to Fifth street.....	21,430 00

Granite on Sand.

Beach street, St. Paul's avenue to Jackson street.....	4,312 00
Fort place, Sherman avenue to Madison avenue.....	2,062 00

Asphalt on Concrete.

Jersey street, Fifth street to Brook street.....	41,590 00
Richmond road, Vanderbilt avenue to summit south of Clove road.....	38,350 00
Total	\$281,559 00

STREET IMPROVEMENT FUND, MARCH 17, 1902.

Estimate of Assessment Work for 1902, Borough of Richmond.

Arrietta street sewer—Balance.....	*\$70,000 00
Slaight street sewer.....	1,000 00
Brook street sewer.....	3,300 00
Mersereau and Andros avenue sewer.....	20,000 00
Arrochar sewer system.....	60,000 00
Storm water sewer (between Taylor street and Water street).....	1,100 00
Storm water sewer, Jewett avenue.....	12,000 00
Sewer, Central avenue.....	8,000 00
About 100 sidewalk, etc., contracts at \$150.....	15,000 00
Construct culverts, etc., Glen avenue.....	1,000 00
A new street, 60 feet wide, Second Ward.....	*8,700 00
St. Mary's avenue sewer.....	55,000 00
Broad street and Concord street sewer.....	120,000 00
Amos street sewer.....	8,000 00
Vanderbilt avenue sewer.....	2,500 00
Forest avenue brook sewer.....	100,000 00
Morning Star road sewer.....	22,000 00
Amos street, macadamizing, etc.....	10,500 00
Blackford avenue sewer.....	3,400 00
Brighton avenue and Pine street sewer.....	7,000 00
Calvin place, Murray street and Pearl street, macadamizing, etc.....	8,500 00
College avenue, brick pavement.....	5,200 00
Stuyvesant place sewer.....	2,500 00
Total	\$544,700 00

DEPARTMENT OF BRIDGES, CITY OF NEW YORK,
COMMISSIONER'S OFFICE, PARK ROW BUILDING,
MANHATTAN, NEW YORK CITY, N. Y.,
March 17, 1902.

Hon. EDWARD M. GROUT, Comptroller:

SIR—Pursuant to the request of the Board of Estimate and Apportionment, in your communication of the 5th instant, I beg to submit herewith an estimate in detail of the requirements of the Department of Bridges, which are to be met by the issue of Corporate Stock for the year 1902:

Williamsburg Bridge (No. 2).

The only money needed to be raised by the sale of Corporate Stock for this bridge during 1902 is required for the purchase of real estate. It is expected that the proceedings for the condemnation of the property required for the Brooklyn approach will be finished in July or August. The lands for the plazas in both cities ought to be taken immediately; and I recommend the purchase at private sale of all that can be obtained at reasonable prices in that way. For this purpose I ask an appropriation of one million dollars (\$1,000,000).

Manhattan Bridge (No. 3).

In order properly to advance the work on this bridge, the Manhattan tower foundations and the Manhattan and Brooklyn anchorages should be put under contract as soon as possible. For this work the following amounts will need to be provided:

Manhattan tower foundation.....	\$507,000 00
Manhattan anchorage	654,000 00
Brooklyn anchorage	654,000 00
Real estate for Manhattan anchorage (twice assessed value).....	581,350 00
Real estate for Brooklyn anchorage (twice assessed value).....	257,600 00
	\$2,653,950 00
Engineering and contingencies, 10 per cent.....	266,050 00
Total	\$2,920,000 00

* Indicates contracts registered and under way.

The real estate required for the Manhattan tower foundation already belongs to the City. Of the foregoing amount not more than one million dollars would have to be expended during the present year.

Blackwell's Island Bridge (No. 4).

Contracts should be made at once for the construction of the Blackwell's Island span and the adjacent cantilever arms. The estimated cost of this work is—
For structure, steel, erected in place..... \$1,260,500 00
Engineering and contingencies, 10 per cent..... 126,050 00
\$1,386,550 00

Of the foregoing amount not more than \$700,000 will probably have to be expended during the present year. It would be a decided advantage to the City if the entire superstructure could be contracted for in one contract, but only the work hereinbefore mentioned would be actually begun this year.

BOROUGH OF THE BRONX.

A new bridge is greatly needed to replace the present Unionport Bridge. This bridge is in a very critical condition, and is beyond adequate repair. The necessity for closing it to traffic may arise at any time. The total cost of a new bridge is approximately estimated at \$200,000. There should be authorized this year, for making surveys, borings and plans, and for beginning work on the substructure, \$75,000.

BOROUGH OF QUEENS.

The Borden Avenue Bridge over Dutch Kills creek demands immediate reconstruction. The estimated cost of the completed bridge is \$175,000, of which amount \$100,000 is needed for use during the present year.

BOROUGH OF BROOKLYN.

The Hamilton Avenue and Third Street Bridges over the Gowanus canal are in urgent need of immediate renewal. To complete the work on the Hamilton Avenue Bridge there will be needed \$160,000, of which \$100,000 should be available this year. To complete the work on the Third Street Bridge, \$90,000 will be needed, of which \$50,000 is required this year.

Summary.

Bridges.	Amount required to complete work necessary to contract for.	Amount that would probably be expended during present year.
Manhattan Bridge	\$2,920,000 00	\$1,000,000 00
Blackwell's Island Bridge.....	1,386,550 00	700,000 00
Unionport Bridge.....	200,000 00	75,000 00
Borden Avenue Bridge.....	175,000 00	100,000 00
Hamilton Avenue Bridge.....	160,000 00	100,000 00
Third Street Bridge.....	90,000 00	50,000 00
	\$4,931,550 00	\$2,025,000 00
Williamsburg Bridge (real estate).....	1,000,000 00	1,000,000 00
Total	\$5,931,550 00	\$3,025,000 00

The foregoing estimates have been very closely figured with great care, in accordance with your suggestion. No money has been asked for which is not urgently needed, and no reduction should be made in these estimates except from overwhelming necessity.

Respectfully,
G. LINDENTHAL, Commissioner of Bridges.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY,
COMMISSIONER'S OFFICE, NOS. 13-21 PARK ROW,
CITY OF NEW YORK, April 2, 1902.

Hon. SETH LOW, Mayor, Chairman of the Board of Estimate and Apportionment:

DEAR SIR—I have duly received a letter from the Comptroller, bearing date of March 7th ult., transmitting to me, by request of your Board, a printed copy of his communication, dated February 25, concerning the indebtedness of the City, its obligations for improvements now in progress and the margin applicable for bond issues for the current year, and inviting heads of departments that have to deal with the various subjects treated of in said communication, to submit in detail estimates of such of their requirements for the year 1902 as should be met by an issue of Corporate Stock during said year.

I have carefully considered the statements and figures in the Comptroller's report, concerning the ability of the City under the limitations imposed by the State Constitution and the revised Charter of the City, to incur further indebtedness by bond issues; and while I realize the urgency of the various municipal improvements which will be requested by other City Departments I cannot, in too emphatic language, call your attention to the paramount importance of providing the people of The City of New York with a full and adequate supply of pure and wholesome water and a system of pipes and mains which will insure its equitable distribution to all the inhabitants of the city. For nearly a score of years the State Constitution, while inhibiting every city from incurring indebtedness for any other purpose in excess of ten per cent. of the assessed value of taxable realty within its boundaries, had made a single exception in favor of indebtedness created for water supply, thereby recognizing that, in the matter of procuring a copious supply of water, no restriction whatever should be placed upon a city's borrowing capacity. As well might the State Constitution have denied to the people of the city the right to life, liberty and the pursuit of happiness as to have withheld from them the power to expend any sum of money whatsoever, no matter how great, in order to obtain this most necessary element of life and well-being. Hence no considerations as to the necessity of other public works should be permitted to stand in the way of improvements needed in the City's water system. It should be necessary only to establish how urgently these water measures are required in order to procure from your Board authorization of the requisite bond issues.

So far as concerns additions to the existing water supply by acquisition and development of new sources, no requests for bond issues are at present made by this Department, although to all intelligent students of the subject it is apparent that the City must, without delay, take up the problem of meeting the constantly increasing demand for this most necessary element of life by seeking an augmentation of the area of its watershed. It is an astonishing fact that while Greater New York contains forty-five per cent. of the population of the State, the watershed it lays under tribute covers but one per cent. of the entire area of the State. That the growth of population is fast encroaching upon the maximum supply which can with certainty be counted upon, is a truth which has been made plain to every expert who has studied the subject. But under the present limitations of the State Constitution immediate compliance with the demand for new watersheds and sources of supply would absorb the entire borrowing capacity of the City and preclude all other urban improvements. No such attitude is now taken; all that is now sought is the improvement and development to their maximum capacity of the existing watersheds and systems which supply Manhattan, The Bronx, Brooklyn, Queens and Staten Island. It is to be hoped that the Constitutional Amendment, which provides for the elimination of the City's water debt in the computation of the ten per cent. limit of municipal indebtedness and which has passed one Legislature, will be adopted by the Legislature that will convene next year and ratified by the people at the polls in the ensuing autumn.

To bring these watersheds to the highest state of efficiency, to obtain from them the maximum of water supply, to construct reservoirs which shall assure this maximum yield, to safeguard existing water sources from contamination and pollution, to provide adequate distributing reservoirs in certain portions of the city, to supply the inhabitants of various districts with city water by the laying of ample pipes and mains, to improve and increase the over-taxed pumping facilities upon which high

service areas are dependent, and to meet the just demands of the Fire Department and of the people by the construction of larger and more numerous hydrants—these, in brief, express the purpose for which bond issues are now sought by this Department. It is to be borne in mind, also, that a dollar is never expended in maintaining, repairing or improving the City's water system without the certainty of a profitable return.

The Croton water system, from its inception to December 31, 1901,
cost The City of New York the sum of..... \$94,503,205 70

Revenue during that period from water charges..... \$102,927,770 32
There was expended during that period for interest charges, maintenance and operation..... 76,397,476 78

Surplus revenue..... \$26,530,293 94

The revenues for the year 1901 are..... \$5,295,923 19
Interest charges and cost of maintenance and operation..... 3,979,733 63

Surplus revenue for the year 1901..... \$1,316,189 56

The Brooklyn water system from its beginning to December 31, 1901,
cost..... \$25,483,039 41

Revenues during that period from water charges..... \$50,524,878 89
There was expended during that period for interest charges, maintenance and operation..... 43,532,011 02

Surplus revenue..... \$6,992,867 87

The revenues for the year 1901 are..... \$2,570,039 77
Interest charges and cost of maintenance and operation..... 1,804,268 29

Surplus revenue for 1901..... \$765,771 48

The water revenues of the old City, now Borough, of Brooklyn, as well as of the Croton system, have sufficed not only to defray the cost of maintenance and repairs to the system and interest charges upon bond issues, but also to furnish a liberal sinking fund for the ultimate redemption of principal debt. But even were the water system conducted unprofitably, water in abundance must be obtained, conserved in reservoirs, pumped and distributed. That the system is a profitable one merely reinforces the reasons for properly expanding it and rendering it sufficient for all the wants of the community. Lavish and unnecessary expenses for fees of Commissioners of Appraisal and of counsel to search the titles to land condemned by the City for its watershed may well be cut down, but economy should never be enforced to the detriment of the people's water supply.

The bond issues which are desired for improvement of the City's water system, are required for the boroughs of Manhattan and The Bronx, the Borough of Brooklyn, the Borough of Queens and the Borough of Richmond.

BOROUGH OF MANHATTAN AND THE BRONX.

Pursuant to a request contained in a communication from me to your Honorable Board, dated February 13, 1902, your Board, on February 14, authorized a bond issue of \$500,000 for payment of awards for lands acquired by the City under the provisions of chapter 189, Laws of 1893, for the sanitary protection of the Croton water supply. And in accordance with a request contained in a communication from me to your Board, dated February 18, 1902, your Board, on March 7, authorized a bond issue of \$250,000, to provide for payment of awards for the acquisition of lands in the Croton watershed, under chapter 445, Laws of 1877.

There is required, also, for furnishing and laying water mains in the boroughs of Manhattan and The Bronx, the sum of \$500,000. It is unnecessary to argue that such a bond issue should be authorized. Property owners and local improvement boards are constantly demanding an extension of the water service. The growth and development of these boroughs will be retarded unless a satisfactory response is made to these demands. Especially in the Borough of The Bronx must a large expenditure be incurred for this purpose during the present year. The amount demanded is moderate.

In 1901 the Municipal Assembly failed to act on twenty resolutions for water-main extensions in these boroughs, after they had been approved by the Board of Public Improvements, on petitions of property owners and recommendations of the Commissioner of Water Supply; to these there have been added, since January 1, fifteen petitions and requests for water main extensions to provide water supply and fire protection to new houses. These accumulated demands will absorb a large part of the \$500,000 asked for. In the Borough of Manhattan numbers of streets are undergoing a change from residential streets to business thoroughfares, with large mercantile establishments, and the change requires the laying of 12-inch mains in place of the present 6-inch mains. In The Bronx a large number of 20-inch and 12-inch mains is necessary to back up the small mains and to make interconnections with the 48-inch mains which, with the object of extending the City's water service into the territory east of the Bronx river, at present dependent on the service of the New York and Westchester Water Company, are now being laid from the Croton Aqueduct.

For furnishing and placing fire hydrants, as called for by the Fire Department, there is required the sum of \$100,000. The necessity of a bond issue for such fire hydrants is obvious to every properly-informed person. The existing hydrants introduced years ago, when modern types of buildings were unknown, have long since become obsolete. The changes in the character and height of buildings between Canal street and Fifty-ninth street sufficiently illustrate the truth of this statement. The small hydrants, which were proper thirty-five and forty years ago, when, even upon Broadway, few structures exceeded four or five stories in height, have been rendered abortive and useless by the construction of ten, fifteen and twenty story buildings.

If wise and proper provision is to be made to avoid appalling conflagrations, the request of the Department for this issue will undoubtedly be granted.

The City at present has no distributing mains in its territory east of the Bronx river, and that portion of its population which resides in this district is, as already stated, dependent for its water supply upon the service of the New York and Westchester Water Company, which in turn derives from the City itself the water it furnishes to private consumers. Although four and a half years ago there was concluded between the City and the company an arrangement under which the City was to supply the company with 500,000 gallons of water daily, that limit has steadily been overpassed, and the daily supply has probably exceeded 1,000,000 gallons, while the service to the inhabitants of the district, on the other hand, has been and is notoriously inadequate and the rates charged are excessive. In consequence of reiterated complaints from the people of this district, I introduced in the late Legislature a bill permitting the City to acquire the property and franchises of this company, and this bill has passed both Houses. Should the bill become a law, a bond issue of \$750,000 will be needed to enable the City to purchase this property. The company owns a pumping station at Glen Hill, Yonkers, with one old pumping engine much in need of repairs; a pumping station at Pelham, with two pumping engines in fair condition, but poorly housed; a standpipe at Glen Hill, 100 feet high and 21 feet diameter; a small reservoir at Glen Hill; 1 5-100 miles 20-inch mains from the Glen Hill Station across the Bronx river to the upper portion of the district; about 47 miles of mains, 453 fire hydrants, and 12 wells at Pelham, 90 feet deep. The combined capacity of the two pumping stations is about 2,500,000 gallons per day, but one of them is operated to less than half its capacity, in consequence of its defective condition.

Should the bill for the condemnation of the property of the New York and Westchester Water Company fail to become law, it is my judgment that an issue of bonds should be authorized to enable the City to place mains within the district now supplied by said Company. In no other way than by the laying of such mains or the purchase of the Company's property will the people of the district be relieved

from the embarrassments and inconveniences and dangers to health from which they suffer, and the constant fear of conflagrations in which they dwell.

BOROUGH OF BROOKLYN.

The following bond issues (together with an issue of \$200,000 for filter plant at Hempstead Reservoir, which is the subject of special mention later in this report) are demanded for the improvement of the water system in the Borough of Brooklyn:

Two additional boilers and appurtenances at the Millburn Pumping Station	\$22,000 00
Engines at Mount Prospect and connections.....	60,000 00
Construction of distributing reservoir at Forest Park.....	1,800,000 00
Additional lands for new 48-inch pipe conduit and stations.....	100,000 00
Remodeling of Gravesend and New Utrecht Pumping Stations.....	125,000 00
Test wells on the watershed.....	10,000 00
Furnishing and laying new water mains.....	750,000 00
Construction of force mains and distributing mains to and from Forest Park reservoir.....	750,000 00
Additional driven-well stations and additional supply.....	400,000 00
Protection of watershed from pollution.....	100,000 00
Remodeling of Spring Creek plant.....	125,000 00
Coal shed and engineers' houses at Millburn.....	100,000 00
Storage reservoirs on East Meadow Stream.....	675,000 00
Permanent buildings and engines on line stations.....	212,000 00

These works have been mentioned, as nearly as possible, in the order of their relative urgency. It will surely not be said that these demands are new. Ever since consolidation Brooklyn has been entreating the City to authorize the commencement of all these various works, and, for years prior to consolidation, the Commissioner of City Works of Brooklyn and his engineers vainly sought bond issues for these various purposes. Not a single item here presented is unnecessary; everything that is asked is urgently needed.

In spite of forcible appeals reiterated for many years for bond appropriations to meet the imperative needs of the borough, not a single improvement was authorized for several years prior to November, 1900, other than the steel chimney at Mount Prospect, erected at a cost of \$6,000, and this was defrayed from the Brooklyn Water Revenue Fund. The report made to the former Deputy Commissioner of Water Supply by Hon. Robert Van Buren, Engineer-in-Charge, on November 24, 1900, portrays in clear and striking language the needs of the Borough of Brooklyn and the delays which, up to that date, had been suffered. Official communication after communication had been submitted in vain. The needs of Brooklyn were not unknown and the Water Department must be excused from responsibility for her present condition. If, therefore, the amount now solicited appears to be large, that is due simply to the fact that it represents the accumulated arrears of improvements repeatedly recommended and urgently required for the last ten years. Some of these improvements should, in fact, in the interests of the borough, have been completed even earlier. As has been heretofore stated, no bond issue now requested is for an extension of existing watersheds. All that is now sought is required to bring the existing watershed to a condition of maximum efficiency.

The Legislature has recently said to the Borough of Brooklyn (if the decisions of its committees are to be treated as its decisions) that the borough shall not add to its present watershed by drawing from Suffolk County, and, as no other source of additional water supply is immediately accessible, it has, in effect, forbidden the borough to seek more water elsewhere. In other words, the Legislature has thrown the borough back upon its present watershed and required it to develop that to its fullest extent.

In fact, the head of this Department was confronted at Albany with the statement that Brooklyn, by the completion of the works which had for years been proposed by her engineers, might supply herself with sufficient water to meet her needs until the problem of additional water supply for the Greater City should be solved; and that, therefore, there was no occasion for the surplus waters of Suffolk County. While the full development of the possibilities of the existing watershed would furnish no reason whatsoever why the borough should be prohibited from obtaining water from Suffolk County, it would seem that no relief is to be expected from the Legislature until the City makes an effort to carry into effect projects which will exhaust the capabilities of the present watershed. There is not in reason, I think, the slightest justification for the action of the Legislature; nor is there, on the other hand, in my judgment, any warrant for the refusal by the City of the money to develop the potentialities of the present watershed. The dilemma, however unreasonable it may be, in which Brooklyn has been placed, is this: When it has sought to expand the area of its watershed—and such an expansion is eminently necessary and has been urged with arguments that are unanswerable—it has been told by the Legislature that it should develop the possibilities of its existing watershed; and, on the other hand, when it has heretofore appealed to the Board of Estimate and Apportionment for the completion of improvements and extensions to that watershed, recommended for years by engineers of distinction, both in and out of the Water Department, it has nonchalantly been denied the desired relief. Should the Board of Estimate and Apportionment now refuse the requisite issue of bonds to enable the borough to complete these necessary works its condition will be pitiful indeed.

The appeal cannot be put in too emphatic terms. When we contrast the expenditures of the Croton and the Ridgewood system it is apparent that Brooklyn's water system has been developed at a much smaller investment of money. However that may be, the improvements advocated in this communication are essential to obtain from the existing watershed the maximum of water. In their published reports the Brooklyn engineers have repeatedly and with great detail portrayed the advantages to be derived from the execution of these proposed works and have demonstrated that their completion would not only add to the supply by increasing the margin of safety against accidents, but would effect considerable economy in the expense of maintenance and operation. We are not dependent upon the reports of the engineers of the Department for proof of the necessity of these works. They have been advocated as well by every other engineer who has considered the subject—by Mr. John R. Freeman, who, in 1900, was retained by Comptroller Coler to examine and make a report upon the water supply of the City, and by the various experts whose researches are compiled in the elaborate treatise on the water supply of New York, published in the same year by the Merchants' Association. In the report of the association these experts say in reference thereto: "As the borough is growing rapidly we cannot too strongly recommend the early construction of the above needed works." (Page 50.) These improvements, with others now in progress, are all parts of a single and comprehensive scheme. They dovetail into one another and each is as essential as the others to the completion of the whole. The construction of the additional conduit from Millburn Pumping Station to Spring Creek, now under way and of which more than three-fifths is completed, was designed, both to insure the safety of the supply by providing—in part at least—against accidents to the old conduit, and to furnish the necessary means of delivering an increased supply from the present watershed. The new pumps at the Millburn Pumping Station are requisite to enable the water to be raised to the level of the conduit. In fact, the utility of the conduit is dependent upon the procurement of these pumps. The repair to Millburn Reservoir is required that the reservoir may be brought into use to conserve the supplies along the route. The additional driven-well stations (appropriations for which have been sought ever since July, 1896), are needed to draw from the water-bearing gravel stratum all its available water yield; the storage water reservoirs along Meadow Stream, to conserve and protect the spring waters, and the Forest Park distributing reservoir, to furnish a most necessary additional supply within the city limits. The arguments which prevailed with the Legislature last year, to give the City a site for a reservoir in Forest Park, should be cogent enough to secure an authorization from your Board of a bond issue for reservoir construction.

Extended arguments to show the absolute necessity of all these various works can readily be furnished. It would seem, however, since these very improvements have been sought year after year, for years, by the engineers of the Brooklyn Water Department, since their construction has been favored by all outside experts who have examined the subject, and the condition of Brooklyn speaks so loudly for itself, that no further argument would be needed.

The completion of the Millburn conduit is being rapidly pushed; the filtering plants at Baisleys and Springfield, recommended in Engineer Van Buren's report of November 27, 1900, are practically complete and await only the official tests provided for in the contract for their erection; the grouting of the slopes of the Millburn

reservoir, begun last fall, but suspended through the winter, is about to be resumed, and the contract for the remaining work will shortly be advertised. Specifications are in preparation for the new engines and pumps at the pumping station, and the contract will soon be let. But, as already explained, these remedial measures, when consummated, will not give Brooklyn the relief she requires unless the other works herein recommended are simultaneously prosecuted to completion.

An important subject, not mentioned in recent official reports on the Brooklyn water supply, has been forcibly brought to my attention.

The danger of pollution of the waters of Hempstead Stream from the discharge of Horse Brook is well known, not only to this Department, but to the public. It has been frequently discussed in the public press; and, in their reports, the Brooklyn engineers have not only pointed out the peril, but suggested plans for the minimizing and for radically preventing it (vide Annual Reports, Department of City Works of Brooklyn for 1894, 1895 and 1896). The engineers have repeatedly asserted that the only adequate remedy lies in filtration. Some years ago Mr. DeVarona declared that the weakest point in the Brooklyn water system was at Hempstead.

The prominence given to conditions existing at Horse Brook by the reports of the Sanitary Inspector and of the Engineer of Water Supply led me to visit, on the 28th of March, our laboratory at Mount Prospect and our Hempstead storage, as well as Horse Brook, its main tributary. In this visit I was accompanied by Hon. E. G. Lederle, Commissioner of Health; Hon. I. M. DeVarona, Engineer of Water Supply, Dr. Joseph H. Raymond, Sanitary Inspector of the Borough of Brooklyn, who has for many years been familiar with the conditions prevailing at Hempstead; Dr. George C. Whipple, biologist and director of our Mount Prospect Laboratory; Dr. Walker, assistant to Dr. Raymond, and Mr. D. Jackson, principal chemist of the Mount Prospect Laboratory. The method of analysis of water pursued by the Brooklyn Water Department was fully explained to the Commissioner of Health and the Sanitary Inspector of Brooklyn, both of whom readily admitted that we possess as excellent a laboratory for water analysis as exists in the country, and that the method adopted in making chemical, microscopical and bacteriological tests is as complete as science could devise. They also conceded the vigilance and efficiency of our patrol. It was apparent that the by-pass provided under the plans adopted in 1895, to divert the flow from Horse Brook during the floods and discharge it below our lowest intake, has rendered invaluable service; but it was our unanimous conviction that it is both inexpedient and unsafe for the Borough of Brooklyn to rely upon these measures to insure the water of the brook from polluting the reservoir. While the percentage of water entering the Brooklyn conduit from the brook is but slight, it is unsafe to rely upon a sanitary patrol and bacteriological and chemical skill as the sole means of prevention of contamination. It is obvious to simple inspection that an unsewered village of the size of Hempstead, located in such close proximity to, and in fact almost over the brook, constitutes a menace to the sanitary purity of the water from this source. The only efficient means of removing all possible likelihood of contamination lies in the establishment of filtration beds at the mouth of the reservoir. This conviction is confirmed by the fact that the danger of pollution will be enhanced as the village of Hempstead increases in population. No patrol, however efficient, can eliminate altogether the possibilities of water contamination, and bacteriological science has not yet advanced to such a point of perfection that analysis of the water will guard against the possibility of danger.

Charged, as I am, with the duty of preserving the water supplies of this great metropolis from all menace to their purity, from contamination and pollution of every nature, I should be derelict in my duty if I were not to insist that every remedy which can be applied to make these waters perfectly safe should be adopted. In this view I am sustained by the Health authorities.

I, therefore, make application to your Board for a bond issue of \$200,000 to filter the Hempstead supply and also the small supply from Simonson's, where existing conditions, although not quite so threatening as those at Hempstead, sufficiently justify the adoption of the proposed remedies.

Brooklyn, like The Bronx, is constantly growing, although growing amidst difficulties. New water mains are required all over the borough, and the allotment of bond issues sought for this purpose is eminently necessary.

BOROUGH OF QUEENS.

Bond issues are required in this borough for—	
Furnishing and laying water mains in the First and Third Wards (Long Island City, College Point and Flushing).....	\$115,000 00
Furnishing and laying water mains in the Second Ward (Newtown), to supersede the service of the Citizens' Water Supply Company.....	750,000 00
New pumping engines at College Point and Flushing.....	30,000 00
Total	\$895,000 00

The arguments applicable to the laying of water mains in The Bronx and Brooklyn are equally pertinent in the case of Queens. The Chief Engineer of the Department of Water Supply has for years impressed upon the Board of Estimate and Apportionment the reasons for authorizing a bond issue for this purpose.

The Engineer in charge in Queens has furnished me a list of thirty-eight streets for which petitions of house owners for water main extensions, of an aggregate length of nearly twelve and one-half miles, have accumulated in the past. These mains would cost about \$73,000 and represent only about three-fifths of what will be actually needed in the course of this year. It is calculated that the returns of increased annual revenue from water charges along these water main extensions will be not less than eighteen per cent. of the cost of laying the mains.

The Borough of Queens is, to a large extent, supplied by private water companies. The City maintains, in addition to the three pumping stations in Long Island City, one at Flushing, another at College Point and a third at Whitestone.

The Flushing water plant includes a pumping station and machinery, a new standpipe erected in 1897, supply wells, mains, stop-cocks and fire hydrants. New pumping engines are requested at this station in order to utilize the available water and raise it to the requisite height. The present capacity of the pumps is 698,500 gallons.

The College Point plant consists of a pumping engine, standpipe, wells and mains. The average daily supply distributed in 1900 was 1,052,800 gallons. In order to enable the pumping of all the available water at this point new pumping engines are required. They have been repeatedly called for.

I ask at present no bond issues for the purchase of any of these private water companies, because, as I construe the Charter and the laws, the City may not possess the power to condemn the franchises and property of any of these companies. Inasmuch as private water companies are engaged in a quasi public business, it has been held by the Court of Appeals that special legislative sanction is required before their property can be taken for the larger public use. The Legislative session has been so brief that it has not been practicable this year to obtain the passage of any amendment of the Charter, but I shall hope that such an amendment may be enacted next year. The City should be endowed with the fullest power to condemn any private water plant within its frontiers.

The residue of the borough is supplied by private water companies, the Citizens' Water Supply Company of Newtown supplying the territory of the First Ward, under contract with the City, and the Second Ward by direct arrangement between itself and the people thereof.

The Jamaica Water Supply Company supplies the territory of the former village and town of Jamaica, and its environs, now the Fourth Ward of the borough.

The Woodhaven Water Company supplies the southerly part of the Fourth Ward.

The Queens County Water Company supplies the greater part of the Fifth Ward, formerly in the Town of Hempstead.

The City has for several years had contracts with the Citizens' Water Supply Company, under which that company has furnished water in the First Ward of the Borough (Long Island City) at the rate of \$65 per million gallons, the distribution of this supply being through the City's mains. It is difficult to obtain water for that Ward by competition, and the Company, recognizing that it is almost without a competitor exacts monopoly rates from the City. The company furnishes water direct to the people of the Second Ward (Newtown), where there are no city mains, but at higher rates than those charged by the City in the Wards it supplies. Such a state of affairs is intolerable, and the remedy lies in the introduction into the Second Ward of pipes and mains by the City itself. These should be readily procured and laid in the course of nine months. Connections could then be made with the water system of Brooklyn and the completion of the various measures for the increase of Brooklyn's water supply should be simultaneously pushed.

The Citizens' Water Supply Company owns no exclusive franchise, and its contract with the City expressly reserves to the City the right of laying these mains. Hence I advocate a bond issue of \$750,000 for the purpose of laying these mains. This is in addition to the issue sought for furnishing and laying water mains in other parts of the borough.

Borough of Richmond.

The City owns only one small water plant in this borough. It is located at Tottenville. The plant includes two pumping engines of a capacity of 1,000,000 gallons daily, two boilers of 200-horse power, a standpipe, wells, distributing mains, stop-cocks and hydrants. In order that this plant shall be brought to a high point of efficiency and be enabled to do the work which is required, a new boiler, with its appurtenances, should be supplied. The expense is \$5,000.

The subject of waste and metering deserves as much consideration as that of additional water supplies. Waste by the consumer can be checked by proper metering, coupled with measures requiring systematic examination of plumbing. Devices and plans with which engineers are familiar must be employed to diminish waste in the mains. Provided I receive the proper authority from the Board of Aldermen, it is my intention to increase the meter system as rapidly as practicable, but it must be borne in mind that the best of experts concur that to fully meter this city will require twenty years. The consumption of water in apartment houses and flats is upon a large scale, and the revenues upon the frontage basis are totally inadequate. Not only will a more liberal employment of meters result in large additions to the water revenues, but it will also have a tendency to economy in water consumption.

Per example, the Engineer of Water Supply, Brooklyn, estimates that by metering the 2,500 taps which are supplied from the Mount Prospect Tower, and the 6,000 taps supplied from the Mount Prospect Reservoir, both classed as "high service," a decrease of 2,500,000 gallons per day in the consumption of water might be effected, valued at \$55,000 per year, the saving of fuel in pumping would be \$2,000, and the increase in revenue from meter charges in place of frontage rates would be \$75,000, making a total annual gain of \$132,000, against an estimated cost of \$27,000 for maintenance and inspection of meters, leaving a net annual gain of \$105,000. As the daily supply from the Mount Prospect Reservoir and Tower is about twelve million gallons, and the high service supply in Manhattan is over fifty million gallons per day, the metering of that service would produce correspondingly larger results.

The expense of supplying meters is provided for in subdivision 5, section 188 of the Revised City Charter, which authorizes the Comptroller to issue Special Revenue Bonds for that purpose. There is, therefore, no occasion for my asking your Board to authorize a bond issue for this work.

Much popular misconception prevails regarding waste, and experts have not always been scientifically accurate in their reports upon this subject. That needless waste forms a considerable percentage of the water distributed from our reservoirs is an undoubted truth. Mr. John R. Freeman, in his report to Comptroller Coler, heretofore alluded to, states (page 62) that this waste is probably from fifty to seventy-five gallons per capita per day in Manhattan and The Bronx. He gives no figures regarding waste in Brooklyn, and, inasmuch as the per capita consumption in Brooklyn is much smaller than in Manhattan, the inference seems warranted that needless waste is smaller in that borough. Concerning waste, Mr. Freeman says that the difficulty comes in subdividing it so as to determine how much comes from plumbing and how much from old pipes outside cellar walls. There is, he says, "very little clear-cut evidence to serve as a guide, and none whatever from New York itself." He subdivides the fifty to seventy-five gallons per capita of waste, as follows:

Leaks in mains.....10 to 15 gallons per capita daily
Leaks in service pipes.....10 to 15 gallons per capita daily
Leaks in defective plumbing.....15 to 25 gallons per capita daily
Careless and wilful.....14 to 17 gallons per capita daily

He admits, however, that these percentages are presented as a "guess tempered with judgment." They are, in a measure, the result of generalization from experiments in smaller cities, where the location and detection of waste at various places is a much more manageable problem than in the great City of New York.

In this connection it is well to observe that while every effort of the Department should be bent to the detection and stopping of waste, whether caused by defective plumbing, leaks in mains, or by mere wanton and wilful action, it would be the extreme of folly for this metropolitan community to rely upon the stoppage of waste as the sole means of securing the continuance of an abundant water supply. If preventable waste could be stopped by fiat, it might be sensible to forego all efforts to augment our water supply by laying additional watersheds under tribute, but the authorities who inform us how great the waste is also assert that the problem of prevention in a city like New York would involve anywhere from ten to twenty years of time. Mr. Freeman, from whom I have already quoted, says: "To find the leaks in the 1,500 miles of cast iron pipes of the City's water works in Manhattan and Brooklyn, and to locate among the 250,000 service pipes in these two boroughs those which are leaky, and to find, dig up and plug off the thousands of abandoned service pipes, a part of which are without doubt leaking badly, and all of which are likely to leak sooner or later, is an enormous task and the remedy cannot be applied quickly enough to help out the imminent shortage in the present water supply, but it is a task for twenty years' steady, patient, broadly-planned work." Pages 66 and 67.

In repeated places in his report he reiterates the assertion that the hope of restricting waste does not justify delay in making sure of an adequate additional supply. "It would take years," he says, "to find all the bad leaks; and they cannot be stopped at short notice." Pages 5, 28, 66, 84, etc.

The report of the Engineering Committee of the Merchants' Association, on reduction of waste of water, shows that the members of that committee shared Mr. Freeman's view as to the danger of relying upon the reduction of waste as the sole means of increasing the per capita water supply. It quotes, with approval, the following language of Mr. Freeman:

"It is dangerous to the public interests to be too hopeful about preventing waste when estimating the date when the new supply must be available, or in estimating its necessary magnitude, for with these hopes unfulfilled and the reservoirs emptied, the disaster would be beyond remedy."

The committee advocates as a complete cure for leakage below ground the putting of the mains in subways, accessible to detect and repair leaks. The leakage could, however, be materially diminished by certain other recognized methods of detection, "but all of these methods," says the committee, "are costly and slow of development. No great saving could be hoped for inside of twenty years."

These citations are not made as arguments for continuing to neglect the prevention of waste. On the contrary, as already described, it is the purpose of the head of this Department to use all available means of diminishing such waste. Assuming Mr. Freeman's figures as to the percentage of leaks in mains, service pipes and in defective plumbing and by purely careless and wilful action of the approximately correct it is apparent that the rapid extension of the meter system would be of the utmost value in reducing waste within buildings. Leaks in mains and service pipes could not be detected by such means, but leaks occasioned by defective plumbing and by careless and wilful action would be very much diminished if the consumer were made to pay meter rates. Hence I favor a more general adoption of the meter system. The resolution which I have already requested from the Board of Aldermen is in conformity with this view. It is to be remembered, however, that fully to meter a great city like New York, assuming popular approval of the meter system, is a task which will not be completed for many years to come and it will not be practicable, even under the best of conditions, to set more than ten thousand new meters every year. As a matter of fact, the Department has not been introducing more than one to two thousand meters annually. It is thus apparent that whatever devices be employed to diminish waste the City cannot help confronting the great problem of increasing its water supply.

The bond issues which are herein requested may be thus recapitulated.

BOROUGH OF MANHATTAN AND THE BRONX.

Payments for lands taken in Putnam County, under chapter 475, Laws of 1877, authorized March 7, 1902.....	\$250,000 00
Lands taken under chapter 189, Laws of 1893, authorized February 14, 1902.....	500,000 00
Furnishing and laying water mains.....	500,000 00
Furnishing and placing fire hydrants, as called for by the Fire Department.....	100,000 00
Acquisition of property of New York and Westchester Water Company.....	750,000 00

BOROUGH OF BROOKLYN.

Two additional boilers and appurtenances at the Millburn Pumping Station.....	22,000 00
Engines at Mt. Prospect.....	60,000 00
Filter plant, Hempstead Reservoir, etc.....	200,000 00
Construction of distributing reservoir at Forest Park.....	1,800,000 00
Additional land for new 48-inch pipe conduit and stations.....	100,000 00
Remodeling of Gravesend and New Utrecht Pumping Station.....	125,000 00
Test wells on the watershed.....	10,000 00
Furnishing and laying new water mains.....	750,000 00
Construction of force mains and distributing mains to and from Forest Park Reservoir.....	750,000 00
Additional driven well stations and additional supply.....	400,000 00
Protection of watershed from pollution.....	100,000 00
Remodeling of Spring Creek plant.....	125,000 00
Coalsheds and Engineers' houses at Millburn.....	100,000 00
Storage reservoirs on East Meadow Stream.....	675,000 00
Permanent buildings and engines on line stations.....	212,000 00

BOROUGH OF QUEENS.

Furnishing and laying water mains, First and Third Wards.....	115,000 00
Furnishing and laying water mains, Second Ward, territory of Citizens' Water Supply Company.....	750,000 00
New pumping engines at College Point and Flushing Stations.....	30,000 00

BOROUGH OF RICHMOND.

New boiler and appurtenances.....	5,000 00
Total.....	\$8,429,000 00

In the deliberations and conclusions of your Board on this subject, this fact, not yet dwelt upon, should receive due consideration:

After the Board authorizes all the bond issues requested, the actual issue of the bonds by the Comptroller will not be made at once, but will be distributed, in the largest part, over several years, as payments become approximately due. I make the following division between actual issues in 1902 and issues which might be made in two or three succeeding years, when the debt-bearing power of the City will be increased by enhancement of the assessed value of taxable property:

BOROUGH OF MANHATTAN AND THE BRONX.

	Bond Issues Required in 1902.	Bond Issues Required in 1903 and 1904.
Payments for lands in Putnam County, Laws of 1877....	\$250,000 00	.....
Payments for lands for sanitary protection, Laws of 1893.....	500,000 00	.....
Furnishing and laying mains.....	500,000 00	.....
Fire hydrants.....	100,000 00	.....
Acquisition of New York and Westchester Water Company's property, after awards by Commissioners of Appraisal.....	.....	\$750,000 00

BOROUGH OF BROOKLYN.

Additional boilers at Millburn.....	22,000 00	.....
Engines at Mount Prospect and connections.....	60,000 00	.....
Filter plant, Hempstead Reservoir, etc.....	200,000 00	.....
Reservoir, Forest Park.....	400,000 00	1,400,000 00
Additional land for pipe conduit and stations.....	100,000 00	.....
Remodeling Gravesend and New Utrecht stations.....	125,000 00	.....
Test wells.....	10,000 00	.....
New water mains.....	500,000 00	250,000 00
Force mains, Forest Park Reservoir.....	.....	750,000 00
Additional driven well stations, etc.....	200,000 00	200,000 00
Protection of watershed from pollution.....	100,000 00	.....
Remodeling Spring Creek plant.....	125,000 00	.....
Coal sheds, etc., at Millburn.....	100,000 00	.....
Storage reservoir, East Meadow Stream.....	175,000 00	500,00 00
Buildings and engines on line stations.....	212,000 00	.....

BOROUGH OF QUEENS.

Water mains, First and Third Wards.....	115,000 00	.....
Water mains, Second Ward, territory of Citizens' Water Supply Company.....	250,000 00	500,000 00
New pumping engines, College Point and Flushing....	30,000 00	.....

BOROUGH OF RICHMOND.

New boiler and appurtenances.....	5,000 00	.....
Total.....	\$4,079,000 00	\$4,350,000 00

Section 178 of the Revised Charter gives your Board power, without concurrent action of the Board of Aldermen, to authorize the Comptroller to issue Corporate Stock for water supply purposes, not exceeding two million dollars in any one year. This power is conferred with the evident purpose of expediting bond issues for works of first necessity. I select the following from the above list as among those which present the best facilities for prompt execution, with assurance of immediate beneficial results, including therein the \$250,000 authorized February 14th ultimo, for payment of awards for lands taken under chapter 475, Laws of 1877, and excluding the \$500,000 authorized March 7th, for payment of awards under chapter 189, Laws of 1893, for the specific purpose of sanitary protection of the water supply, this issue being separate from and additional to bond issues for general purposes of water supply.

BOROUGH OF MANHATTAN AND THE BRONX.

For payment of awards for lands under chapter 475, Laws of 1877.....	\$250,000 00
Furnishing and laying water mains.....	500,000 00
Furnishing and placing additional hydrants for the Fire Department..	100,000 00

BOROUGH OF BROOKLYN.

Additional boilers at Millburn.....	\$22,000 00
Engines at Mount Prospect and connections.....	60,000 00
Additional lands for pipe conduit and stations.....	50,000 00
Filtering plants, Hempstead.....	200,000 00
Test wells.....	10,000 00
New water mains.....	350,000 00
Additional driven wells, stations, etc.....	308,000 00

BOROUGH OF QUEENS.

Furnishing and laying water mains in First and Third Wards.....	\$115,000 00
New pumping engines at College Point and Flushing Stations.....	30,000 00

BOROUGH OF RICHMOND.

New boiler and appurtenances.....	\$5,000 00
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The total issues of bonds requested by this Department for the year 1902 amount to the sum of \$8,429,000. The Comptroller, as I understand his communication, finds that the City possesses a debt-creating power of \$37,000,000. Considering the vital importance of an adequate water supply, the paramount necessity of the various works whose construction is herein advocated, the startling and dangerous condi-

tions in the Borough of Brooklyn, the supineness of past official bodies in regard to improvements in that borough, and the absolute necessity of bringing all parts of the water system to a high standard of efficiency, it is respectfully submitted that the bond issues requested by this Department are moderate.

Attention has been called in an earlier part of this report to the profits of the Croton and Ridgwood systems. It is reasonable to expect that the development and protection of the existing system will result in a continuance of this profit.

If any facts are needed to reinforce the arguments presented for the required issue of bonds, they will be readily furnished. It is earnestly submitted that the water system of Greater New York needs attention before anything else; that every dollar asked for the Croton system is absolutely requisite, and that denial of relief to Brooklyn will constitute a grave wrong. When these various bond issues shall have been authorized, the works projected by the engineers will be pushed to as speedy completion as possible, to the end that the people may enjoy such benefit as will accrue from the fullest utilization of its existing watersheds.

Very respectfully,
J. HAMPDEN DOUGHERTY,
Commissioner of Water Supply, Gas and Electricity.

HEADQUARTERS FIRE DEPARTMENT—CITY OF NEW YORK,
NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET,
BOROUGH OF MANHATTAN, April 11, 1902.

Hon. SETH LOW, Mayor, and Chairman of the Board of Estimate and Apportionment:

SIR—Pursuant to the provisions of chapter 76 of the Laws of 1894, entitled "An act to provide for the issue of bonds for the fire department of the City of New York (as amended by chapter 751 of the Laws of 1896), providing for the issuance of bonds annually to the amount of three hundred thousand dollars (\$300,000), the proceeds of which, when received, shall be forthwith deemed appropriated for the purchase of new sites, the erection of new buildings, additions and alterations to buildings already erected, fitting up and furnishing such buildings, and placing the wires and conduits of the telegraph system under ground, as shall be determined by this Department, subject to the approval of your Honorable Board, I have the honor to make application herewith for the issuance of the bonds therein provided for, to the said amount of three hundred thousand dollars (\$300,000), for the use of this Department, boroughs of Manhattan and The Bronx, for the year 1902.

Following is a statement of the uses to which it is desired to apply the money:

New Sites.

Borough of Manhattan.

New site for Hook and Ladder 8 in North Moore street....	\$35,000 00
New site for Engine 25 in East Fifth street.....	25,000 00
New site for Engine 12, in William street.....	40,000 00
	<u>\$100,000 00</u>

New Buildings.

Boroughs of Manhattan and The Bronx.

New building for Engine 30 in Spring street.....	\$65,000 00
New building for apparatus company to be located at One Hundred and Thirty-fourth street, and Convent avenue	33,000 00
New building for apparatus company to be located at One Hundred and Sixty-ninth street, and Intervale avenue..	27,000 00
	<u>125,000 00</u>

Additions and Alterations to Buildings, and Fitting Up and Furnishing Buildings.

Boroughs Manhattan and The Bronx.

Addition and alterations to buildings, fitting up, etc.....	50,000 00
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Placing Wires and Conduits of the Telegraph System Under Ground.

Placing wire and conduits of the telegraph system under ground.....	25,000 00
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Total..... \$300,000 00

Very respectfully,
THOMAS STURGIS, Fire Commissioner.

HEADQUARTERS FIRE DEPARTMENT—CITY OF NEW YORK,
NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET,
BOROUGH OF MANHATTAN, April 11, 1902.

Hon. SETH LOW, Mayor, and Chairman of the Board of Estimate and Apportionment:

SIR—Pursuant to the provisions of section 47 of the Greater New York Charter, I have the honor to make the following estimate of the amount of bonds required to be issued for the purpose of purchasing sites, erecting apparatus houses thereon, and fitting and furnishing such buildings, and placing the wires of the telegraph system under ground as shall be determined by this Department, subject to the approval of your Honorable Board, to the amount of \$267,000 for the use of the Department in the boroughs of Brooklyn and Queens for the year 1902.

The following is a statement of the uses to which it is desired to apply the money:

Buildings and Sites.

Building (three-story) and site, vicinity of Court street and Hamilton avenue, for new engine company.....	\$20,000 00
Building (three-story) and site, vicinity of Gates and Knickerbocker avenues, for new engine company.....	18,000 00
Building (three-story) and site, vicinity of Fifth avenue and Lincoln place, for new engine company.....	20,000 00
Building (three-story) and site, vicinity of Probst and Freeman streets, for new engine company.....	18,000 00
Building (double house, two-story) and site, vicinity of Rockaway avenue and Flatlands avenue, for Engine 157 (now in leased quarters unfit for occupancy), and for new Hook and Ladder Company to be established.	20,000 00
Building (three-story) and site for Engine 131 (now in leased quarters), in vicinity of Pitkin avenue and Watkins street.....	18,000 00
Building (three-story) and site, vicinity of Fifteenth street and Prospect Park West, for new Hook and Ladder Company.....	18,000 00
Building (three-story) and site, vicinity of De Kalb avenue and Lewis avenue, for new Hook and Ladder Company.....	18,000 00
Building (three-story) and site, vicinity of Fulton street and Ralph avenue, for new Hook and Ladder Company.....	18,000 00
	<u>\$168,000 00</u>

Alterations and Extensions to Apparatus House.

Quarters Engine 105.....	\$5,000 00
Quarters Engine 109.....	4,000 00
Quarters Engine 110.....	5,000 00
Quarters Engine 112.....	5,000 00
Quarters Engine 119.....	4,000 00
Quarters Engine 120.....	5,000 00
Quarters Engine 126.....	5,000 00
Quarters Hook and Ladder 52.....	4,000 00
Quarters Hook and Ladder 53.....	4,000 00
Coal Depot, No. 274 Hicks street, to be altered to accommodate apparatus.	8,000 00
	<u>\$49,000 00</u>

Fire-Alarm Telegraph Wires.

For the purpose of placing fire alarm telegraph wires under ground where conduits are available and for the purchase of cables, terminals, posts and necessary articles for performing said work.....	\$50,000 00
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RECAPITULATION.

New sites and buildings.....	\$168,000 00
Alterations to buildings.....	49,000 00
Placing fire wires under ground.....	50,000 00
Total	<u>\$267,000 00</u>

Yours respectfully,
THOS. STURGIS, Fire Commissioner.
Per W. L., Secretary.

DEPARTMENT OF PARKS—THE CITY OF NEW YORK,
THE ARSENAL, CENTRAL PARK,
March 24, 1902.

Hon. E. M. GROUT, Comptroller, New York:

DEAR SIR—In accordance with your communication of March 12, I have the honor to submit herewith a statement of the bond issues required for the boroughs of Manhattan and Richmond parks for the year 1902.

Battery roadway, Aquarium to Battery place.....	\$10,000 00
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The entire walk adjacent to sea wall, between Battery place and Aquarium Building, is used as a trucking road, there being no better means of access to the Aquarium and the fire-boat pier for the removal of ashes, etc., or the delivery of supplies. It is recommended that this walk be repaved with what is known as "roadway asphalt," 2-inch wearing surface on 1-inch binder and 6-inch concrete base.

(2) Sewer from Mineral Springs Building, Central Park.....	\$13,000 00
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Eight new closets and four urinals have been placed in the basement of this building, which will have to be drained into the lake. It is proposed to construct a drain-pipe sewer from the building to the main city sewer at Sixty-sixth street and Central Park West, thereby avoiding the necessity of contaminating the waters of the lake.

(3) Riverside drive improvement, Ninety-sixth street to One Hundred and Twentieth street	\$19,000 00
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It is proposed to regrade the cycle path and bridle road, to lay new gutters, set new edging, lay new asphalt walks, furnish mould and sod, reshape the borders and improve the entrance at One Hundred and Third street, One Hundred and Fourth street and One Hundred and Eighth street. This would prevent further wash-outs, which, under existing conditions, are practically unavoidable in case of heavy rains.

(4) Reconstructing walks, properly capping water mains, furnishing mould and other work in Corlears Hook Park.....	\$14,500 00
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The water mains in this park were not properly capped, resulting in a waste of water and a settlement of the pavement and curbing. Work as above indicated is required.

(5) Improvement of Riverside Park, adjacent to Viaduct at Ninety-sixth street	\$15,000 00
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This work embraces the repaving of the roadway of Ninety-sixth street, from the railroad right of way to West End avenue, including setting the curb where required. Also laying out walks in the unimproved park territory adjacent to the Viaduct, providing proper drainage for the same and adjusting the approaches to the Viaduct and reconstruction of park retaining wall.

(6) Asphaltting and otherwise reconstructing walks in Central Park.....	\$55,000 00
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Over three miles of the Central Park walks are unpaved. Some have a superstructure of earth and clay and are impassable in wet weather. They should be rubbed and paved with asphalt or other material to be decided upon. Other walks are supersurfaced with what is known as "tar mixture," and their condition has been the cause of many complaints. They are unfit for use in their present condition.

(7) Completion of construction of Hamilton Fish Park.....	\$43,000 00
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It is proposed to construct playgrounds, remodel building, place baths in same, properly cap water mains and generally reshape, sod, plant and otherwise improve this park.

(8) Construction of De Witt Clinton Park.....	\$250,000 00
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Upon the removal of the existing buildings it is proposed to remove the rubbish walls and all superfluous material to a depth of five feet below the legal grade of streets adjacent, and to furnish in place clean, wholesome earth filling and construct the lines of proper plans to be submitted at a future date, the park to include playgrounds, buildings, toilets and other necessary appurtenances.

The estimate is based upon the cost of similar construction in the past six years.

(9) Construction of Thomas Jefferson Park.....	\$250,000 00
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This estimate is based upon plans already submitted for this work, with additional cost of playgrounds and suitable buildings.

(10) Asphaltting Plaza, One Hundred and Tenth street and Fifth avenue	\$17,000 00
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The existing granite block pavement has become badly worn and dangerous to traffic. The upper surface of the stones has become rounded and the joints spread and the concrete foundation settled in places. Fifth avenue is asphalted from Washington square to One Hundred and Thirty-eighth street excepting this piece of rough pavement, and it is recommended that favorable action be taken in the matter of paving this plaza.

(11) Improving Esplanade, East River Park Extension.....	\$14,500 00
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The work of erecting sea wall along the extension of East River Park will be completed in the near future, and it is found that no provision has been made in the way of an appropriation for paving the wide esplanade adjacent to this wall. The filling to sub-grade is being carried on under existing contracts. In order that the esplanade in the extension may conform to the one existing in East River Park, it is proposed to lay a pavement of Portland cement mortar, with concrete base and rubble stone foundation, and to provide the necessary edging, drainage, and to shape the adjacent slopes with mould and sod them.

(12) Paving West Seventy-second street.....	\$62,000 00
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A gravel roadway at present exists in this street, which is muddy in wet weather and dusty in dry weather. It seems to be the general desire of the owners of property fronting upon this roadway that it should be paved with asphalt or similar material.

(13) Widening of One Hundred and Tenth Street, Fifth to Seventh avenue	\$65,000 00
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The land necessary for this widening has been acquired by the City for the purpose. It is proposed to widen the street, regulate the same, set new curb, pave the roadway and sidewalks, and make it conform generally to the layout of Cathedral parkway, which is a continuation of the street west of Seventh avenue.

(14) Men's and women's toilets, Morningside Park.....	\$9,000 00
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There are no toilet facilities in this park, which is visited by large numbers of people and the Department has frequently been requested to provide such facilities.

It is desired to erect a structure large enough for the purpose and also to hold the tools and implements used in that park and which are now stored in a temporary tool house at One Hundred and Fourteenth street.

- (15) Sheds for yards at Ninety-sixth street, Central Park..... \$10,000 00

There is no shed or shelter for the rolling stock of the Department at the yards north of Ninety-sixth street, midway between Fifth avenue and Eighth avenue, and it is left standing about exposed to the elements. Many of the trucks, etc., become damaged during the winter because of this, entailing considerable expense every spring for repairs. The sheds are urgently needed.

DEPARTMENT OF PARKS—THE CITY OF NEW YORK,
THE ARSENAL, CENTRAL PARK.

- (16) Construction of walks, lawns and planting of shrubbery, Manhattan square \$36,000 00

This square is in the heart of the residence district of the upper west side and is the site of the American Museum of Natural History. The Museum building has arrived at a stage where it is not likely that further additions will be made in the near future, and the amount indicated is required to put the square in a healthy and attractive condition. Nothing but a radical reconstruction will effect this result, which is urged by the residents of the neighborhood.

- (17) Steps, drainage, walk and grading at the Conservatory, Central Park \$4,108 00

The above work is necessary for proper approach to the Conservatory from Fifth avenue at Fifth avenue and One Hundred and Fifth street. This is one of the most popular features of the Central Park, and the many flower shows given there annually draw multitudes of visitors. The buildings are attractive in design and construction and an appropriate and convenient approach is much needed.

- (18) Addition to steam plant of the Aquarium..... \$14,000 00

The present steam plant of the Aquarium was never designed to perform the service that has been required of it, and the result has been that it has been run to the limit ever since its installation. There is great danger that one of the boilers will give out or require extensive repairs, which would result in the death of many valuable exhibits. Pumps for supplying salt and fresh water are required continually, and, in addition to this, the plant is in continual operation in supplying cold or warm water, as the fish may require it.

It is proposed to construct an auxiliary plant in Battery Park adjacent to the berth of the fire-boat, which plant could be operated independent of the present one, and would obviate the danger of a serious breakdown and the consequent loss of valuable exhibits.

Respectfully,
WM. R. WILLCOX,

Commissioner of Parks, Boroughs of Manhattan and Richmond.

THE CITY OF NEW YORK, DEPARTMENT OF PARKS,
OFFICE OF COMMISSIONER FOR THE BOROUGH OF THE BRONX,
ZBROWSKI MANSION, CLAREMONT PARK,
NEW YORK, March 12, 1902.

Hon. EDWARD M. GROUT, Comptroller:

DEAR SIR—I am in receipt of your communication of the 7th instant, relative to estimates for the various requirements of this Department for the year 1902, for which Corporate Stock would properly be issued, and replying thereto send you the following schedule of items of work deemed necessary, together with a detailed estimate of each of the several items.

Application for funds for each and every item in the schedule has been made heretofore, either in the annual budget or under authority of chapter 417, Laws of 1892, and chapter 609, Laws of 1895, or by special application made at different times to the Board of Estimate and Apportionment, as in the case of the Eastchester Bridge.

The following schedule, arranged in the order of their importance, covers all improvements contemplated for the current year, and each and all, I opine, are of sufficient importance to warrant favorable consideration at your hands.

SCHEDULE.

1. Dyke at Macomb's Dam Park.....	\$20,000 00
2. Cedar Park Improvement.....	6,500 00
3. Road in Van Cortlandt Park.....	21,000 00
4. Improvement of Crotona Parkway.....	56,000 00
5. Road in Bronx Park.....	8,000 00
6. Macadamizing Bronx and Pelham Parkway.....	18,000 00
7. Improving Mosholu Parkway.....	13,000 00
8. Improving Roads in Crotona Park.....	5,000 00
9. Colonial Dutch Garden.....	12,000 00
10. Eastchester Bay Bridge.....	350,000 00
11. Deeping and Cleaning Van Cortlandt Lake.....	30,000 00
12. Completion of Spuyten Duyvil Parkway Improvement.....	6,500 00

In addition to the foregoing, application has been made to the Board of Estimate and Apportionment for \$150,000 for improvement of the northern portions of the Botanical Garden, and \$250,000 for improvements and buildings in the Zoological Park, both of which, although not properly a portion of our regular park system, are items of importance to this Department.

Many thousands of people from all parts of the world visit the Botanical and Zoological Gardens and it is of great importance that both be gotten in shape as speedily as possible.

In the case of the Zoological Park, gifts of many valuable animals and birds are declined for the simple reason that there are no suitable buildings in which to house them.

Item No. 1—Construction of a dyke along the pier and bulkhead line of the water front of Macomb's Dam Park; estimated cost of \$20,000.

The construction of this dyke at the earliest possible date is an item of much importance, for the reason that we are now getting, without cost to the city, excellent filling, and we will soon be prevented from making additional fill unless the provisions of the law requiring that we dock or dyke these premises be complied with. We have already received complaints from property owners on the easterly side of Cromwell's creek relative to encroachments on the creek channel, caused by this filling, and this Department has been advised by the Law Department that the filling should be stopped in the direction of Cromwell's creek until we had this water front properly docked and dyked.

Your attention is also called to the unsightly and unsanitary condition of the low-lying lands of Macomb's Dam Park, which have been the cause of many complaints from property holders in that vicinity; also to the fact that, although we are at present getting plenty of material for filling purposes without cost, we have no assurance that this state of affairs will continue.

The construction of this dyke will enable us without cost, other than that of dyking, to get the low lands of Macomb's Dam Park in presentable shape and in a sanitary condition.

Item No. 2—Improvement of the westerly or Walton avenue side of Cedar Park; estimated cost, \$6,500.

Application for funds for this improvement has already been made in the annual budget, and is a case where the cutting of a street, Walton avenue, along the westerly side of Cedar Park, has left high, steep banks of a light sandy nature that at every rainfall is washed down into the street, completely covering the sidewalk, filling the gutters and leaving the street in an impassable condition.

In addition to these evils, the westerly side of this park is most unsightly, and in its present condition even dangerous, as you will see by examining photographs transmitted to the Board of Estimate and Apportionment with the annual budget for this Department.

All surplus material excavated in making proper slopes on the westerly side of this park can be used to great advantage in making necessary fills in other portions of the park.

Item No. 3—Construction of a road in Van Cortlandt Park, from Mosholu avenue to the northern boundary of said park; estimated cost, \$21,000.

The construction of this road will open up a large portion of the most beautiful part of Van Cortlandt Park, which portion is at present quite inaccessible, owing to the want of roadway facilities, and it would at the same time furnish a pleasant means of passing through the park and avoid the very unpleasant, and owing to sewer construction and the trolley road there, even dangerous drive along the western boundary of the park on Broadway.

The construction of the sewer on Broadway and the grading of said street will, I am informed, be a matter of several years, while if funds were available we could put this proposed road through and have it ready for pleasure driving and light traffic in a very few months. There exists at this time no means by which vehicles of any description can reach a very large portion of Van Cortlandt Park.

Item No. 4—Construction of a driveway, walks and plantations on the Crotona Parkway, from One Hundred and Seventy-seventh street to the entrance of the Zoological Park, at One Hundred and Eighty-second street; estimated cost, \$56,000.

The making of this improvement as speedily as possible is a matter of importance, as the One Hundred and Eighty-second street entrance to the Zoological Park is the most convenient, and would, with suitable walks and drives, be the most popular entrance to that park. In its present condition this parkway is absolutely worthless as a means of travel by either vehicles or pedestrians, and should be put in such shape that the public would no longer be denied the use of it as a means of getting to or from the Zoological Park. The condition of the Southern Boulevard is such that it is impossible for pedestrians for at least one-half of the year, and the only remedy seems to be the getting of Crotona Parkway in condition for use as soon as possible.

When conditions are favorable, I am informed, that more people use the One Hundred and Eighty-second street entrance to the Zoological Park than any other, and the improvement herein named would at the same time be a link in the system of parkways designed to connect our various parks.

Item No. 5—Reconstruction of a road in Bronx Park, from The Bronx and Pelham Parkway to the southern boundary of the Botanical Garden; estimated cost, \$8,000.

Director Britton, of the Botanical Garden, has already constructed a road from a point near the Botanical Museum building to the terminus of the proposed road, which, if built, will furnish a means of getting through Bronx Park on the west side of the Bronx river, where at present no road exists other than the old, dilapidated and impassable one, the reconstruction of which funds are asked for in this item. The completion of this road will be a continuation of the one constructed by Director Britton, and will open up a large portion of the most beautiful part of Bronx Park, which is at present inaccessible to vehicles of any kind, and I trust that the necessary funds for its construction may be had at an early date.

Item No. 6—Surfacing with telford macadam pavement the roadway of Bronx and Pelham Parkway, from a point 1,750 feet westerly of the bridge over the tracks of the New York, New Haven and Hartford Railroad—Harlem River Branch—to a point 800 feet easterly thereof; estimated cost, \$18,000.

At a point where The Bronx and Pelham Parkway crosses the above named railroad a very extensive fill has been made across the salt meadows, bridge abutments have been erected and contract for bridge superstructure has been entered into, and the work is now well under way and will be completed before September 1 of this year.

The making of this fill and the construction of the bridge named was for the purpose of eliminating a dangerous grade crossing at the point named, but as the portions of the fill of the bridge approaches is of a clay loam the roadway to the bridge will be impassable in wet weather and the bridge rendered useless, unless the approaches are properly surfaced with telford macadam pavement.

Should funds become available in the course of a few weeks it will be possible to contract for this work and have the same completed, so that the bridge may be opened to the public use on or before October 1 of the present year.

The temporary roadway now in use is by no means good at any time, and in times of wet weather is positively bad.

Item No. 7—Improving portions of Mosholu Parkway; estimated cost, \$13,000.

This item is for a contemplated improvement of portions of the said parkway in order that it shall be put in presentable shape, and portions of the grounds within the parkway limits rendered sanitary; also that portions of the existing roadway be resurfaced and put in proper shape.

Portions of the grounds of this parkway are low and swampy and have been and are the cause of much complaint from residents in the vicinity of these low lands.

An attempt was made by my predecessor to have these low lands filled with ashes collected by the Street Cleaning Department, but the remedy, besides being a very slow and tedious one, proved worse than the disease.

Much of the ashes contained a small percentage of garbage, were saturated with liquid kitchen refuse, and upon complaints from the Health Department this filling was discontinued and these lands are still in an unsanitary condition.

Several years ago a wide and deep cut was made through a portion of this parkway, near Public School 81, for the purpose of constructing a sewer, which cut is now, and has been for some time, a catch-all for almost everything unsanitary, and a portion of the funds applied for in this item is for the purpose of putting this portion of the parkway in such shape that it will not be declared a nuisance.

Many other portions of the grounds are in a rough and unsightly condition, and a small portion of the funds asked for is for the purpose of seeding such portions and putting them in presentable shape.

Item No. 8—Improvement of existing roads in Crotona Park; estimated cost, \$5,000.

The roads in this park were evidently improperly built originally, and at times are well nigh impassable, especially in spring or fall, and after every severe rain storm.

No telford foundation seems to have been put under any portion of these roads, and the macadamizing has been done largely with a mixture of broken stone and cinders, and is almost worthless.

The modest sum asked for would suffice to put these roads in fair condition, and render them passable at all seasons of the year.

Item No. 9—Filling of the low, wet grounds and constructing a Dutch colonial garden in front of the Van Cortlandt manor house, in Van Cortlandt Park; estimated cost, \$12,000.

The grounds south of the old manor house in this park are low, wet and swampy, and have been the cause of complaint as to their unsightly and unsanitary condition.

Very many people from all parts of the world visit this old manor house, and I believe that the facts and conditions warrant the expenditure of the small sum asked for, so that these grounds may be put in presentable shape and the colonial garden constructed, which would be a feature and an attraction to that portion of Van Cortlandt Park.

Item No. 10—Construction of a bridge over Eastchester bay in Pelham Bay Park; estimated cost, \$350,000.

This proposed bridge is designed to take the place of the present unsafe, inadequate and dilapidated structure, and the construction of a new bridge in the near future at this point is an absolute necessity, as the present structure is liable to fail at any time and in the event of a failure, the traveling public would be put to very great inconvenience.

The present bridge was constructed nearly thirty years ago by the County of Westchester, and we have on file in this office plenty of evidence that goes to show that its original construction was structurally weak, cheapness of first cost being evidently the chief consideration, and it needs no expert examination to prove that the original design was faulty in very many respects.

The present condition of the old bridge is such that the presence of an officer is at all times required to prevent any but the slowest driving over it, and the draw is in such condition that at times an unusual number of men are required to operate it, and moreover, it is liable to fail at any time.

This matter was quite extensively treated in a report made by the Chief Engineer of this Department to the Commissioner of Parks, which report was transmitted to the Board of Estimate and Apportionment by my predecessor, with a letter on the subject, under date of November 6, 1901, to which letter and report your attention is respectfully called.

Early in the year 1901 the Board of Estimate and Apportionment appropriated the sum of \$15,000 for preliminary work on proposed bridge, and I am informed by the Chief Engineer of this Department that the necessary preliminary work has been completed and that the work of construction could be advertised and let at once were funds available.

Item No. 11—Deepening and cleaning Van Cortlandt lake, in Van Cortlandt Park; estimated cost, \$30,000.

The Van Cortlandt lakes, two in number, are in parts very shallow, the lower one partly, and the upper one completely filled with a vegetable growth common to marsh lands, and both lakes present a very unsightly appearance, and are at certain seasons of the year decidedly unsanitary.

At quite a large expense the lower of these lakes has been kept in fairly good shape by frequent cutting of aquatic vegetation, but at no time in the summer season is its condition sanitary.

The Van Cortlandt golf links are located along the shores of this lake and are visited by hundreds of people daily in the summer season, and it is quite important that it should be put in and kept in good condition.

The proper remedy for the lower lake would be to have it dredged, so that there would be at least five feet of water over the entire lake area, and swampy portions of the shores should be raised with the material excavated from the lake bottom.

No attempt appears to have been made to improve the condition of the upper of these lakes, and I am of the opinion that a portion of it should be filled up with the surplus material excavated from the lower lake.

Item No. 12—Completion of Spuyten Duyvil Parkway improvement; estimated cost, \$6,500.

The work of improving this parkway was done under an old estimate, which was insufficient to complete the work undertaken in proper shape; the drainage facilities are inadequate; considerable retaining wall remains to be built; the slopes require trimming and shaping, and in many places trailing shrubs and vines should be planted to screen unsightly rock cuttings.

Outside the line of this roadway some of the parkway lands require grading, regulating and seeding, and this improvement is included in the sum asked for in this item.

Five of the items in the foregoing schedule, viz., Improvement of Cedar Park, Constructing a Road in Van Cortlandt Park, The Construction of a Dyke at Macomb's Dam Park, Constructing a Colonial Garden at the Van Cortlandt Manor House and Deepening and Cleaning Van Cortlandt Lake, were included in the annual budget for this Department, but are also included in the foregoing schedule in the event of their being considered by the Board of Estimate and Apportionment proper matters for bond issue rather than items for the annual budget.

Submitted herewith are detailed estimates of the twelve items included in the schedule.

Trusting that this letter may give you the information desired, and that the several items will receive favorable consideration at the hands of the Board of Estimate and Apportionment, I am,

Yours very truly,

JOHN E. EUSTIS,

Commissioner of Parks, Borough of The Bronx.

OFFICE OF THE DEPARTMENT OF PARKS, BOROUGHS OF BROOKLYN AND QUEENS,
LITCHFIELD MANSION, PROSPECT PARK,
BROOKLYN, April 10, 1902.

To the Honorable Board of Estimate and Apportionment:

GENTLEMEN—I hereby respectfully request that your honorable body, in its discretion, authorize the issuing of corporate stock of The City of New York in the sum of \$855,170.50, the same to be expended for needed improvements in the various parks and parkways of the Boroughs of Brooklyn and Queens, according to the amounts herein specified.

It is hereby respectfully requested that this application take the place of former communications sent to your honorable body under date of March 20 and March 25, 1902, for \$202,143 and \$477,562.50 respectively.

Respectfully submitted,

RICHARD YOUNG,

Commissioner, Department of Parks, Boroughs of Brooklyn and Queens,

SPECIFICATIONS.

1. Plaza at Willink Entrance to Prospect Park.

For acquiring title to land required for the construction of a plaza at the Willink entrance to Prospect Park..... \$280,000 00

2. Willink Entrance Improvement.

For constructing plaza, taking up railroad tracks, removing buildings, fencing, laying new pavement and bridging railroad cut..... 100,000 00

3. Ocean Avenue Entrance.

For constructing entrance to Prospect Park, at intersection of Ocean and Fort Hamilton avenues:

Stone coping, 480 linear feet, at \$10.....	\$4,800 00
New asphalt pavement, 2,000 square yards, at \$2.50.....	5,000 00
Sidewalks, 10,000 square feet, at 20 cents.....	2,000 00
Columns and ornamentation.....	36,000 00
Planting trees, grading and sodding.....	2,200 00
	50,000 00

4. Lincoln Road Entrance.

For constructing entrance to Prospect Park at Lincoln road:

Macadam pavement, 2,000 square yards, at 75 cents.....	\$1,500 00
Brick gutter, 320 square yards, at \$2.40.....	768 00
Curbing, 4 inches wide, 960 feet, at 40 cents.....	384 00
Grading, shaping and grubbing.....	600 00
Pavement in walks, 10,800 square feet, at 20 cents.....	2,160 00
	5,412 00

5. Ocean Avenue Improvement.

For macadamizing Ocean avenue, from Flatbush avenue to Fort Hamilton avenue.

2,000 cubic yards of excavation, at 25 cents.....	\$500 00
8,580 square yards of macadam pavement, at 80 cents.....	6,864 00
5,600 linear feet of resetting curb, at 15 cents.....	840 00
670 square yards of belgian block gutter, at \$1.20.....	804 00
2,800 linear feet of resetting gutter stones, at 15 cents.....	420 00
9 city catch basins, at 80 cents.....	720 00
260 linear feet of 12-inch drain pipe, at \$1.....	260 00
	10,408 00

6. Fence Around Prospect Park.

For construction of a substantial iron fence around Prospect Park, 10,000 linear feet, at \$1.53 per foot..... 15,300 00

7. East Side Lands.

For grading, planting, constructing walks and continuing work under way.

Excavation of paths, 15,600 cubic yards, at 30 cents.....	\$4,680 00
Gravel for paths, 3,000 cubic yards, at \$1.50.....	4,500 00
Bluestone screenings, 3,000 cubic yards, at \$1.50.....	4,500 00
Topsoil, 10,000 cubic yards, at 75 cents.....	7,500 00
Grading and sloping banks.....	18,000 00
Three rustic shelters, at \$500 each.....	1,500 00
Sodding and seeding.....	1,500 00
50 catch basins, at \$25.....	1,250 00
3,020 linear feet of 12-inch drain pipe, at \$1.....	3,020 00
3,000 linear feet of 2-inch irrigation pipe, at 22 cents.....	660 00
2,200 linear feet of 1-inch irrigation pipe, at 15 cents.....	330 00
Hydrants and fittings.....	300 00
Seats and benches.....	300 00
Planting trees, shrubs, etc.....	1,960 00
	50,000 00

8. Bay Ridge Parkway (Acquirement of Land).

For acquirement of land required for the completion of the Bay Ridge Parkway, between Eighth avenue and Fort Hamilton avenue, 2.60 acres, at \$5,000 per acre..... 13,000 00

9. Bay Ridge Parkway Improvement.

One-half the cost of grading and paving Sixty-seventh street and Wakeman place.

Excavation, 78,000 cubic yards, at 20 cents.....	\$15,600 00
Curbing, 12,700 linear feet, at 70 cents.....	8,890 00
Brick gutter, 4,250 square yards, at \$2.....	8,500 00
Macadam pavement, 27,000 cubic yards.....	18,900 00
Drainage.....	4,500 00
	\$56,390 00

Deduct one-half \$28,195 00

One-half cost.....	\$28,195 00
Grading walks and slopes south of Fourth avenue.....	6,000 00
4,000 cubic yards of bank gravel, at 75 cents.....	3,000 00
Filling in Sixty-sixth street, between Second and Fourth avenues, 18,000 cubic yards, at 30 cents.....	5,400 00
Constructing approaches to arches on Second and Third avenues, sandstone posts and bronze railings, 480 linear feet, at \$12.....	5,760 00
Planting and seeding slopes.....	1,645 00
	50,000 00

10. Dyker Beach Park.

For construction of drives and walks, grading and planting of slopes, introducing drainage system, seeding and planting:

8,480 cubic yards of excavation and refilling, at 25 cents.....	\$2,120 00
9,520 square yards of macadam pavement, at 60 cents.....	5,712 00
Constructing new drains.....	2,955 00
Shaping, seeding and sodding slopes.....	1,413 00
Grading and making new walks.....	3,000 00
Construction of macadam road.....	2,150 00
Seeding and planting.....	1,500 00
Draining park salt waterways.....	900 00
Concrete outlet.....	250 00
	\$20,000 00

11. Sunset Park.

Retaining wall on Fifth avenue, 460 feet, at \$17.50.....	\$8,050 00
Retaining wall on Forty-first street, 300 feet, at \$17.50.....	5,250 00
Retaining wall on Forty-third street, 500 feet, at \$10.50.....	5,250 00
Grading and completing front on Fifth avenue.....	6,000 00
Grading interior of park, constructing drives, paths and drainage system.....	15,000 00
Top soil, 6,000 cubic yards, at 75 cents.....	4,500 00
Building rustic comfort house.....	2,450 00
Planting trees, shrubs, seeding, etc.....	3,500 00
	50,000 00

12. Highland Park.

Grading slopes of reservoir facing south.....	\$4,500 00
Constructing walks from Highland Boulevard to Force Tube avenue and Jamaica avenue.....	6,000 00
Three granite stairways.....	1,800 00
Building music stand.....	3,500 00
Paving walks.....	1,000 00
Top soil, 3,000 cubic yards, at 80 cents.....	2,400 00
Sodding and seeding slopes.....	800 00
	20,000 00

13. Coney Island Concourse Park.

Two comfort houses, at \$2,000 each.....	\$4,000 00
Drinking fountains, etc.....	500 00
Grading and shaping walks.....	2,000 00
Filling in at foot of Ocean parkway, 3,000 cubic yards, at 60 cents.....	1,800 00
600 feet of shore protection, at \$17.....	10,200 00
Coping and railing, 3,000 linear feet, at \$6.....	23,400 00
5,800 square yards of asphalt pavement, at \$2.....	11,600 00
200 cubic yards of concrete, at \$6.....	1,200 00
4,000 cubic yards of top soil, at \$1.....	4,000 00
Planting and seeding.....	1,500 00
	60,200 00

14. Eastern Parkway.

Reconstruction of Eastern parkway, from Bedford avenue to Prospect Park:

Northerly traffic road—	
1,560 square yards of belgian block gutter, at \$1.30.....	\$2,028 00
9,335 square yards of macadam pavement, 9 inches thick, at 70 cents.....	6,534 50
Southerly traffic road—	
5,835 square yards of belgian block pavement, at 40 cents.....	2,334 00
Main roadway—	
Setting curb, 8,000 linear feet, at 15 cents.....	1,200 00
2,700 square yards of brick gutter on concrete foundation, at \$2.....	5,400 00
24,000 square yards of macadam pavement, using parts of old material.....	12,000 00
	29,496 50

15. Forest Park

Grading of proposed roads and walks.....	\$6,000 00
Spreading gravel on roadways, 2,000 cubic yards, at \$1.50.....	3,000 00
Limestone screenings on walks, 1,800 cubic yards, at \$1.80.....	3,240 00
Fence on southerly boundary line, 3,600 feet, at \$1.50.....	5,400 00
Constructing golf links.....	1,800 00
Granite stairway.....	560 00
	20,000 00

16. Fort Greene Park.

Laying new walk on DeKalb avenue side, 10 feet wide, 11,000 square feet, at 20 cents.....	\$2,200 00
Spreading top soil around trees, etc., 2,800 cubic yards, at \$1.....	2,800 00
New walks in park, 4,000 square feet, at 20 cents.....	800 00
Seeding and planting.....	1,200 00
	7,000 00

17. Fort Hamilton Park.

For constructing coping and railing around park boundaries, 1,700 linear feet, at \$6..... 10,200 00

18. City Park.

New walks and platform around shelter, 8,600 square feet, at 20 cents.....	\$1,720 00
Eight catch basins, at \$25.....	200 00
Nine-inch drain pipe, 360 feet, at 70 cents.....	252 00
	2,172 00

19. Park at Intersection of Pitkin and East New York Avenues.

Railing around park, 270 feet, at \$1.....	\$270 00
Spreading top soil, 900 cubic yards, at \$1.....	900 00
Limestone screenings, 140 yards, at \$1.50.....	210 00
Seeding and planting.....	300 00
	1,680 00

20. New Lots Playground.

1,000 cubic yards of top soil, at 60 cents.....	\$600 00
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450 cubic yards blue limestone screenings, for paths, at \$1.60.	720 00	
Seeding and planting trees and shrubs.	600 00	
Seats and drinking fountains.	300 00	2,220 00
21. Linton Park.		
4,000 cubic yards of topsoil, at 60 cents.	\$2,400 00	
920 linear feet of 9-inch drain pipe, at 60 cents.	552 00	
240 linear feet of 12-inch drain pipe, at \$1.	240 00	
12 park basins, at \$20.	240 00	
420 linear feet of 2-inch galvanized irrigation pipe, at 40 cents.	168 00	
780 linear feet of 1-inch galvanized irrigation pipe, at 30 cents.	234 00	
Garden valves, fittings and drinking fountains.	250 00	
500 cubic yards of limestone screenings, at \$1.60.	800 00	
Cutting out paths, seeding and planting.	750 00	5,634 00
22. Flushing Park.		
New coping around park, 1,280 linear feet, at \$3.60.	\$4,608 00	
Laying walks, 6,000 square feet, at 20 cents.	1,200 00	5,808 00
23. New Walks in Prospect Park.		
Asphalt tile pavement on walk in Prospect Park, on east side of the Rose Garden, 4,800 square feet, at 20 cents.	\$960 00	
Constructing new asphalt walks in Prospect Park, 42,000 square feet, at 20 cents.	8,400 00	9,360 00
24. Comfort Houses.		
Comfort house at the Willink Entrance.	\$3,500 00	
Comfort house at main entrance to Prospect Park.	3,500 00	
Comfort house on the Parade Ground.	3,000 00	
Comfort house in Kings Park, Jamaica.	2,500 00	
Comfort house on Golf Grounds at Forest Park.	1,500 00	14,000 00
25. Sidewalk on Ninth Avenue Side of Prospect Park.		
For laying stone sidewalk along the Ninth avenue side of Prospect Park.		
4,700 linear feet of gray sandstone flagging, 10 feet wide, in one piece, 4 inches thick, laid on sand, 47,000 square feet, at 24 cents.		11,280 00
26. Fence on Shore Road.		
For constructing iron fence along the Shore road, 10,000 linear feet, at \$1.20		12,000 00
Total amount.		\$855,171 50

AMERICAN MUSEUM OF NATURAL HISTORY,
SEVENTY-SEVENTH STREET AND EIGHTH AVENUE,
NEW YORK, April 14, 1902.

To the Honorable SETH LOW, President of the Board of Estimate and Apportionment,
New York City:

MY DEAR MR. LOW—Will you kindly permit me to call your attention again to the urgent need of increased heating and lighting facilities at the American Museum of Natural History? We are asking your Honorable Board for a bond sale of \$350,000, and in doing this we have in mind only such additions and alterations as are absolutely necessary.

The Director, the Architect of the Park Department, our own Architect and our Engineer have examined the matter with great care, and they pronounce the entire heating, lighting and sewerage systems not only antiquated and inadequate, but in a dangerous condition and likely to break down at any moment. It is impossible for us to heat and light the additions which have been completed recently, and which we are morally bound to open to the public. We can light only two of the five stories, and what was the old lecture hall has now remained for more than a year dismantled, without a floor, and traversed by wires and heating pipes which were designed originally for only a few weeks' use.

At our own expense we have engaged an architect to prepare the necessary plans and estimates (the latter are already in the hands of your Board), and I sincerely hope that you will not consider these items of construction and alteration in the light of desirable improvements, but that you will rather consider them as they are, urgently necessary.

Very truly yours,

MORRIS K. JESUP, President.

NO. 247 WEST ONE HUNDRED AND TWENTY-FIFTH STREET,
April 9, 1902.

Mr. MORRIS K. JESUP, President American Museum Natural History:

DEAR SIR—In compliance with the request of Mr. H. C. Bumpus, Director of the American Museum of Natural History, to examine the heating and electric plant of the Museum and report in regard to the capacity and condition of same, I submit herewith the following statement:

The steam boilers now being used to heat all the buildings of the Museum are located in the cellar of the old building, erected thirty years ago. The entire plant consists of six boilers, but the same are of such a size that a sufficient supply of steam cannot be raised to heat all of the buildings in a satisfactory manner and as needed. To accomplish this it is necessary to enlarge the plant by increasing the number and sizes of the boilers to double the heating surface. But as the cellar of the old building, now used as a boiler, engine and dynamo room, is too small and unsuitable for this purpose, it is evident that a larger space must be provided for the installment of a new plant.

The dynamos and generators are placed in separate locations, which require a great deal of time to operate the same and consequently must increase the cost of running the plant.

I would also state that many of the main and steam pipes extending from the boilers to the main buildings have become, through long and constant use, out of repair and must be replaced.

To heat and light the present buildings of the Museum as required in an economical manner, I would recommend to erect a separate building on the grounds of the square as shown on drawing, large enough to place all the requisite boilers and dynamos for the present use and also large enough to increase the number of the boilers and dynamos whenever any additional buildings will be erected. With such an arrangement, concentrating the various plants in a large building well lighted and ventilated, with easy access to the avenue, the result will be a considerable saving of time and labor.

The proposed new building for the boilers, dynamos, engine and pumps is designed to be 120 feet by 138 feet and 28 feet high from the ground floor to top of curved roof, of sufficient size to place ten steam boilers in the northerly half of the building. The southerly half of the building to contain the electric plant, engines, pumps, etc. The new boilers measure 7 feet by 20 feet each, having a heating surface of 2,800 feet, and it is calculated that five of those boilers will raise steam enough to heat all the present buildings to 70 degrees in the coldest weather, but I recommend that an additional boiler be placed in the new boiler house for a reserve in case of breakage or accident to any of the other boilers. Provision has also been made for four additional boilers whenever the same are required in the buildings to be erected later on.

A covered roadway, as shown on plan, will extend from the easterly side of the square connecting with Eighth avenue running alongside of the boiler house and extending to the cellar floor of the present building. The roadway, being ten feet wide, is projected for the use of trucks and wagons delivering boxes, etc., to the centre building, from which point all goods can be transported on a tramway to the principal halls of the main buildings, as shown on plan.

The boiler house will be built of brick, with limestone trimmings, the roof to be constructed of steel and covered with copper. The series of windows between the curved and flat roof are of such size to give ample light and ventilation.

The storage house for coal and area will also be built of brick and covered with steel beams and brick arches.

To facilitate the delivery and distribution of goods and materials throughout the

lower parts of the buildings it is necessary to have all the floors on a level. At the present time some parts of the cellar floors are higher than others, and consequently an extra amount of time and labor is required to remove the goods from one hall to another. I therefore recommend that the higher parts of the cellar floors should be excavated and finished to a level with the adjoining floors; the parts of the cellar story intended to be excavated are shown with a yellow tint on the general ground plan.

The removal of the present ladies' and gents' toilet rooms into more spacious quarters, as suggested, has been indicated on the plan. This improvement is greatly needed, as the toilets now in the building are not large enough to accommodate the public, and can be easily done by erecting a new floor, constructed of steel beams and brick arches, in the former lecture hall of the main building, using the lower portion for the toilets and the upper part for exhibition purposes, as shown on drawings submitted.

The following is the estimated cost for the above stated improvements:	
Boiler and engine house, storage house for coal, transverse road and covered areas	\$160,000 00
Installing new heating and electric plant.	120,000 00
Lowering cellar floors and building tramways.	30,000 00
Constructing new toilets for ladies and gents in basement story, erecting new floor, etc., in main building, including new staircase, etc.	50,000 00
Total	\$360,000 00

Respectfully,

JULIUS MUNCKWITZ, Architect.

Hon. E. M. GROUT, Comptroller;

The Board of Trustees of the American Museum of Natural History most respectfully call your attention to the above report of their Architect, and, considering the alterations and additions imperatively necessary, request you to provide for the same through bond sale or otherwise.

Very respectfully,

H. C. BUMPUS, Director.

THE CITY OF NEW YORK—DEPARTMENT OF PARKS,
ARSENAL, CENTRAL PARK,
March 13, 1902.

Board of Estimate and Apportionment, New York City:

GENTLEMEN—At a meeting of the Park Board, held on the 13th inst., the following resolution was adopted:

Resolved, That the Board of Estimate and Apportionment be and hereby is respectfully requested to authorize a bond issue to the amount of five hundred thousand dollars in the manner provided by the City Charter, in such sums as may be from time to time required to provide funds necessary for the development of certain portions of the grounds of the New York Zoological Society in Bronx Park, in the Borough of The Bronx, by providing entrances, roads, walks, forestry, buildings, etc.

For the better information of your Honorable Board as to the intents and purposes of the improvements contemplated, I beg to inclose herewith a copy of communication from the New York Zoological Society, giving in detail the various items of work proposed and its estimated cost.

Respectfully,

GEO. S. TERRY, Secretary, Park Board.

GENERAL OFFICE OF THE NEW YORK ZOOLOGICAL SOCIETY,
NO. 11 WALL STREET, NEW YORK,
March 7, 1902.

To the Hon. JOHN E. EUSTIS, Commissioner of Parks for the Borough of The Bronx,
City of New York:

DEAR SIR—Application is hereby respectfully made to your Department by the New York Zoological Society for \$500,000, for the improvement of that portion of the Bronx Park allotted to the said society.

The New York Zoological Society was incorporated in the year 1895, and on March 24, 1897, entered into an agreement with The City of New York by which that portion of Bronx Park now known as the New York Zoological Park was allotted to the society for the purpose of establishing a zoological park thereon. This park was equipped with buildings, and a collection of animals installed therein by the society, and was opened to the public on the 8th day of November, 1899.

The society has expended on the park from its own funds over \$250,000, and is constantly engaged in extending its installations and collections. Every dollar of this money has been spent on the park itself, either in structures and improvements attached to the realty and consequently becoming the property of the City, or else in the purchase of a collection of animals. Such a collection is necessarily transitory in its nature, and while remaining the property of the society has to be constantly renewed.

The skins and skeletons of all dead animals of value have been given by the society to public scientific institutions, nearly all of them going to the American Museum of Natural History in New York and the Brooklyn Institute of Arts and Sciences.

No other scientific society in The City of New York has received so little money from the City, and contributed such an amount toward the improvement of public property, in the same length of time.

The park is free to the public five days of the week, including all Sundays and holidays, and during the past year the attendance was over half a million, and this, too, in spite of the present lack of adequate transportation facilities.

When the society entered into possession of the park, which is 261 acres in extent, it was absolutely wild land, without a single path or road through it except the Boston Post road. Open sewers traversed it, and there were four malarious bogs, which had to be at once excavated and turned into ponds for sanitary reasons. The forests had been neglected for years, and many of the trees were saved by the society with great difficulty.

The City has thus far expended on the park the sum of \$425,000, draining said swamps, supplying adequate water and sewer systems, a partial supply of roads and paths, cleansing and damming the Bronx river, grading, forestry work, and for the erection of several buildings, among them two large buildings on Baird court, one of which, the monkey house, was completed last autumn, and the other, the lion house, will be completed during the coming summer.

The society having completed within the prescribed time the obligations called for in the agreement of March 24, 1897, a copy of which is hereto annexed, marked "A," desires to call attention to the immediate need of the park for \$500,000, or \$250,000 in 1902 and \$250,000 in 1903, because of the near completion of the rapid transit system, which will shortly be in operation as far as West Farms, the southern entrance to the park. This will bring immense crowds of visitors, running up into the hundreds of thousands. For these visitors additional walks and paths must be provided, and that portion of the park lying east of the Boston road, comprising nearly two-fifths of the acreage of the park, must be protected and developed for the use of the crowds of people in the summer. The society, owing to a lack of funds, has been unable to fence this portion of the park so as to protect it from vandals, who are constantly cutting timber, as the police protection is inadequate. This area comprises one of the most beautiful forest sections in the New York park system and is in great need of protection.

The society is also at present without heated shelter for many of its tropical forms of deer and antelope, and the need is imperative for an antelope house, the plans for which are now ready and the excavation for the foundations partly completed.

The south end of Baird court contains the Lion House and House for Primates and an uncompleted pool for sea lions. A small sum is needed to complete these buildings. Paths and approaches to these buildings must be provided before the public can visit them. The carriage entrance to the concourse approaching Baird court on the north must be completed before it is possible for a carriage to enter the Park. Many other small items will be found set forth in Schedule "C."

Attached to this application, and marked "B," will be found a map of the Park showing the points referred to and a schedule in detail of the estimates, marked "C." As these are estimates, the society desires the necessary authority to apply unexpended balances upon such other buildings, structures or improvements of a similar

character in the said Zoological Park, as may be deemed necessary by the Board of Managers of the New York Zoological Society and the Commissioner of Parks for the Borough of The Bronx.

Following the precedent established by previous legislation, and previous appropriations by the Board of Estimate and Apportionment for the Zoological Society and other similar institutions, the society respectfully requests that the funds herein applied for shall be expended by the Commissioner of Parks for the Borough of The Bronx in the following manner:

"Prior to the expenditure of any amount hereunder, plans and specifications for the several improvements, buildings, structures and other items of expenditure herein provided for, shall be prepared by the said New York Zoological Society and approved by the Commissioner of Parks for the Borough of The Bronx, and all work done from funds hereby provided shall be under the supervision of said society and of the said Commissioner.

"The construction and equipment of the large buildings hereby provided for, when undertaken, shall be prosecuted under the supervision of architects chosen by the managers of the said New York Zoological Society, and the compensation of such architects and the cost to the New York Zoological Society of preparing plans and specifications for any of the improvements herein contemplated shall be paid out of the fund provided hereby. All payments made on account of work under the supervision of said architects shall be made on the certificate of said architects, that such work has been done in a satisfactory and workmanlike manner and in accordance with the plans and specifications, and all payments shall be finally approved by the Commissioner of Parks for the Borough of The Bronx upon the certificate of the Engineer-in-Chief of said Department and by the New York Zoological Society."

The above provisions are substantially those under which the funds provided by the City in 1900 have been expended, to the satisfaction of the society and the City.

To carry out the above improvements the New York Zoological Society respectfully requests you to take the proper steps to secure the necessary funds, through the Board of Estimate and Apportionment, by the sale of the City Stock to the extent of \$500,000 in the manner provided by law.

All of which is respectfully submitted.

LEVI P. MORTON, President.

HENRY FAIRFIELD OSBORN, Chairman, Executive Committee.

MADISON GRANT, Secretary.

SCHEDULE "C."

Completion and Protection of Certain Portions of the New York Zoological Park, Entrances, Roads, Walks, Forestry, Buildings and Installations.

Rapid transit entrance, boat house and public comfort rooms.....	\$23,000 00
Gatekeeper's lodge, Service road gate.....	500 00
Carriage shelter, north of Pelham avenue.....	4,000 00
Lakeside restaurant, northeast corner Baird court.....	20,000 00
Confectionery stand.....	500 00
Completion of motor and service road.....	15,000 00
Beaver valley walks.....	10,000 00
Walks about antelope house.....	3,000 00
Walk along west side of Mt. Sheep hill.....	2,000 00
Walk from reptile house to antelope house.....	2,000 00
Walk from northeast entrance to restaurant.....	2,000 00
Oval for riding animals and playground, etc.....	2,000 00
Small rustic bridge.....	1,000 00
Protection and development of park east of Bronx river, fences, walks, forestry, etc.....	26,000 00
Entrance pavilion and gates at carriage entrance.....	5,000 00
Walks on Baird court.....	14,000 00
Balustrades, retaining walls, steps and approaches to Baird court.....	18,000 00
Carriage concourse and walks.....	16,000 00
Completion of existing buildings on Baird court.....	25,000 00
Fence and rock work for sea lion pool on Baird court.....	4,000 00
House for winter protection of birds outdoors during summer.....	80,000 00
Antelope house with yards complete (excavation already paid for by society funds).....	65,000 00
Ostrich house with yards complete.....	20,000 00
Small mammal house.....	25,000 00
Fur-bearing animals cages.....	3,000 00
Completion of series of bear dens.....	8,000 00
Eagles and vultures aviary.....	8,000 00
Pheasants' aviary.....	6,000 00
Upland game birds' aviary.....	2,000 00
Fence around aquatic mammals' pond.....	2,000 00
2 deer shelter houses.....	1,400 00
8 small rustic shelters for deer.....	1,600 00
Grading, seeding, pruning and planting.....	15,000 00
Cleaning and dredging Bronx lake.....	6,000 00
Removal of old walls and rubbish in Bronx river.....	1,000 00
Retaining wall, Rocking Stone Restaurant.....	1,000 00
Park benches, fountains and chairs.....	5,000 00
Miscellaneous, labor and tools for ground improvements.....	23,000 00
Care of existing forest and planting new trees.....	15,000 00
Equipment of motor road.....	10,000 00
Balance to be applied to surveying, engineering and supervision by Park Department.....	9,000 00

Total \$500,000 00

THE CITY OF NEW YORK—DEPARTMENT OF PARKS,
OFFICE OF COMMISSIONER FOR THE BOROUGH OF THE BRONX,
ZBROWSKI MANSION, CLAREMONT PARK.

Hon. SETH LOW, Mayor, and Chairman of the Board of Estimate and Apportionment:

DEAR SIR—The following resolution adopted by the Board of Managers of the New York Botanical Garden was received in this office by my predecessor:

"Resolved, That the Honorable Commissioner of Parks, Borough of The Bronx, be and is hereby respectfully requested to apply to the Board of Estimate and Apportionment and the Municipal Assembly for an appropriation of \$150,000, for the construction of additional driveways and paths for the completion of the fountain in front of the Museum Building, and for additional cases for the Museum."

I am informed that the matter was referred to the Chief Engineer of this Department for examination as to the additional driveways and paths, and that his report with the plans covering the construction of said driveways and paths was submitted to the Board of Estimate and Apportionment in November last, and referred to the Comptroller's Engineer, who reported favorably upon the application in December, 1901, but no further action was taken at that time by the Board of Estimate and Apportionment.

I have had several consultations personally with the Chief Engineer and with Dr. N. L. Britton, Director-in-Chief of the Botanical Garden, and I am thoroughly impressed with the necessity of this appropriation for the completion of this work at once. The work that has been laid out by the New York Botanical Garden Society, in connection with their magnificent buildings, is in an unfinished state and will be, until the proposed work covered by the details herewith submitted is fully completed.

The details of the application herewith submitted are as follows:

17,300 square yards telford macadam driveway, at \$1.10.....	\$19,030 00
156,500 square feet paths, with trap-rock screenings and rubble foundation, at ten cents.....	15,650 00
4,800 linear feet 6-inch cast iron water-pipe, at \$1.00.....	4,800 00
7,200 linear feet 1-inch galvanized water pipe, at 40 cents.....	2,880 00
15,000 cubic yards earth excavation, at 35 cents.....	5,250 00
200 cubic yard rock excavation, at \$1.25.....	250 00
70,000 cubic yards embankment, at 40 cents.....	28,000 00
500 linear feet 10-inch stoneware drain pipe, at 55 cents.....	275 00
1,000 linear feet 8-inch stoneware drain pipe, at 50 cents.....	500 00
2,950 linear feet 6-inch stoneware drain pipe, at 40 cents.....	1,180 00
500 linear feet 5-inch stoneware drain pipe, at 35 cents.....	175 00
700 linear feet 4-inch stoneware drain pipe, at 30 cents.....	210 00

3,100 linear feet 3-inch stoneware drain pipe, at 25 cents.....	775 00
12,600 linear feet 2-inch stoneware drain pipe, at 20 cents.....	2,520 00
Stone bridge to carry path over Bronx river.....	1,500 00
60 road and surface basins, at \$35.....	2,100 00
20 wash or sprinkling boxes, at \$15.....	300 00
Stone bridge to carry driveway and paths over Bronx river.....	5,000 00
Contingencies.....	9,605 00

\$100,000 00

A sum of \$20,000 is asked for the completion of the fountain in front of the Museum Building; this is needed for the superstructure and surroundings of the fountain.

A sum of \$30,000 is needed for additional cases for the Museum Building; this will complete the case equipment of the museums, herbarium and library, and thus afford much needed facilities for the display and safe preservation of many thousand specimens, which, for need of suitable cases, are at present stored in boxes in the basement, as well as a great many other valuable specimens which are being obtained for the garden from other museums in various parts of the world, and collected by exploring parties, sent out under the auspices of the Board of Managers.

Very respectfully submitted,

JOHN E. EUSTIS, Commissioner of Parks, Borough of The Bronx.

THE CITY OF NEW YORK—DEPARTMENT OF PARKS,
ARSENAL, CENTRAL PARK,

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

GENTLEMEN—At a meeting of the Park Board, held on the 10th instant, the following resolution was adopted:

Resolved, That the Board of Estimate and Apportionment be and hereby is respectfully requested to authorize an issue of bonds or Corporate Stock of The City of New York in the sum of \$300,000, pursuant to the provisions of the Charter, for the purpose of providing funds to meet the cost of constructing an addition to the Museum Building of the Brooklyn Institute of Arts and Sciences in the Borough of Brooklyn.

In communicating the above to your Honorable Board I beg to inclose a communication from the Commissioner of Parks, for the boroughs of Brooklyn and Queens, explaining more fully the purpose of the above request, and with an estimate in detail of the cost of the proposed enlargement.

Respectfully,

GEO. S. TERRY, Secretary, Park Board.

OFFICE OF THE DEPARTMENT OF PARKS,
BOROUGH OF BROOKLYN AND QUEENS,
LITCHFIELD MANSION, PROSPECT PARK,
BROOKLYN, April 10, 1902.

To the Honorable Board of Estimate and Apportionment:

GENTLEMEN—I hereby respectfully request that your honorable body, in its discretion, authorize the issuing of Corporate Stock of The City of New York, in the sum of \$300,000, for the use of the Brooklyn Institute of Arts and Sciences for the year 1902, the same to be expended in constructing an addition to the Museum Building, in the Borough of Brooklyn, according to the following specifications.

A power house and power plant of sufficient capacity to provide for heating, lighting, ventilating and elevator service, as per plans and specifications already prepared by the architects, and approved by the Department of Parks and the Department of Finance, at an estimated cost of..... \$80,000 00

The construction of the front steps, including masonry, sub-structure, as per plans and specifications already prepared by architects, and approved by the Department of Parks and the Department of Finance, at an estimated cost of..... 30,000 00

The carving of the pediments on the front portico, as per plans approved by the Department of Parks..... 9,000 00

Necessary grading, terracing of grounds in front of Museum Building, including covering with topsoil, and providing with proper turf..... 12,000 00

Construction of three approaches to the Museum Building, one to the main entrance, for pedestrians only; one on the west side of the building, for the common use of persons driving to the Museum and the use of the Department of Public Works (Bureau of Water Supply); and a third approach to the rear of the building from Washington avenue, for carriages and pedestrians seeking an entrance to the large lecture hall of the Museum; at an estimated cost of..... 20,000 00

Construction of retaining wall along the Eastern Parkway and Washington avenue, as per plans of architects and estimates obtained by architects..... 30,000 00

Natural history cases, furniture, apparatus and fixtures, first and second floors, as per estimates..... 32,000 00

Library rack, furniture, apparatus and fixtures, third floor..... 10,000 00

Furniture, apparatus and equipment for lecture hall, seating 1,250 persons, basement floor and gallery; estimated cost..... 8,000 00

Painting and decorating interior of new section, including lecture hall, galleries for paintings and sculpture, exhibition room, reference library room, and interior of dome, as per estimate..... 20,000 00

Fifteen sculptures, to complete the stone work on the attic or upper floor, including cost of placing in position, as per estimate..... 32,000 00

Architects' and engineers' fees..... 17,000 00

Total amount \$300,000 00

From the foregoing it is clear that the first and second sections of the Museum Building will not be completed and usable by the public without the expenditures enumerated. It will take fully six months to do the required work, after the contracts are let; hence the importance of having the issue of stock provided for at the earliest possible date.

The improvements enumerated above refer in no way to plans and specifications covering work authorized in 1901, money for which was provided in 1901 by the authority of the Board of Estimate and the City Council and the Board of Aldermen during that year.

Respectfully submitted,

RICHARD YOUNG,
Commissioner, Department of Parks, Boroughs of Brooklyn and Queens.

DEPARTMENT OF PUBLIC CHARITIES,
GENERAL BOOKKEEPER AND AUDITOR'S OFFICE, 66 THIRD AVENUE,
NEW YORK, March 25, 1902.

Hon. SETH LOW, Mayor, and Chairman, Board of Estimate and Apportionment:

DEAR SIR—Pursuant to a request of the Board of Estimate and Apportionment communicated to this Department by the Comptroller March 5, 1902, I beg to submit the following statement of new buildings, additions, alterations and extraordinary re-expenditures of which should be met by the issuance of Corporate Stock.

1. Additions to the Nurses' Home at the southern end of Blackwell's Island. This Training School for Nurses is under the direct and sole charge of this Department. It provides the entire nursing service for the City Hospital on Blackwell's Island, and for Gouverneur, Harlem and Fordham Hospitals. It occupies at present a very old stone building, which, however, needs but very slight repairs, and an annex, which is a two-story wooden structure and is in a state of extreme dilapidation, is beyond repair and should have been abandoned several years ago. The present quarters are not only, as to the wooden structure, dilapidated and unsuitable for use, but are wholly inadequate as to the amount of accommodations therein. The present structures could properly accommodate 56 nurses. They are actually occupied by 86 nurses. This result is accomplished by accommodating two nurses in rooms intended for one, which involves a sacrifice of the conditions under which the best work can be carried on. The present quarters provide no lecture room, no suitable office room, no storeroom, and in fact very few of the facilities re-

quired by an institution of the size and importance of this training school. After careful consideration of the needs of the school and of the present buildings, and after consultation with the Superintendent and the Chairman of the Advisory Board of the school and the Supervising Engineer of this Department, I am of the opinion that the need can best be met by removing the present wooden structure and by erecting at each end of the present stone structure a brick addition four stories in height, each to be 35 by 100 feet, with water tower containing bathrooms and toilets connected with each. The accommodations afforded by these two buildings would be as follows:

- 94 single bedrooms, each 10 by 12.
- 8 double bedrooms, each 20 by 12.
- 8 linen closets or storerooms.
- 6 bathrooms, each containing 5 tubs, 5 closets, 1 washstand, 1 sink.
- 2 isolating rooms for sickness, with bathroom between.
- 1 drawing room.
- 1 library.
- 1 lecture room.
- 1 office.
- 1 reception room.
- 1 sewing room.
- 1 linen room.
- 1 dining room.
- 1 kitchen with refrigerating and vegetable room.
- 1 serving room and servants' dining room.
- 1 storeroom.
- 1 trunk room and large storeroom in basement.

These additional quarters would provide for the present number in the Training School and would also enable this Department to substitute female nurses connected with this school in place of male nurses now employed in the wards for male patients in the City Hospital, so far as might be practicable. Female nurses are employed generally in wards for male patients in other hospitals and this change would result in a decided improvement in the wards for male patients at the City Hospital, except in a few wards in which it would not be desirable to make the change. The cost of the proposed improvement is estimated by the Supervising Engineer of the Department at

\$100,000 00

2. A new boiler plant, subway, smoke stack, steam connections and mains and alterations to existing boiler house at the Metropolitan Hospital. The present boiler plant of the Metropolitan Hospital proper consists of four horizontal tubular boilers set in brick with a brick smoke stack, which are worn out and must be replaced. They were built in 1874 and have been in constant use. The brick settings would need to be rebuilt and the smoke stack is pronounced to be dangerous. The boilers themselves are so old that they are not worth resetting.

Steam for heating the buildings formerly occupied by the insane, on the grounds adjacent to the Metropolitan Hospital, and which it is proposed to use as a hospital for consumptives, is now furnished by four locomotive boilers in the building. These boilers also are very old and are in a dilapidated and probably unsafe condition. They were operated by the State from 1896 until a few months since and were not subject to inspection, as are other boilers in the city, by the Police Department. They are now brought under the inspection of the Police Department and extensive alterations will undoubtedly be demanded. The most economical and satisfactory plan would be to discard all the existing worn-out boilers and provide a new boiler plant of sufficient capacity to furnish steam for power and heating purposes for all the buildings now provided for by the two plants above mentioned. This new plant could be located in the building now used for the locomotive boilers for heating the buildings formerly belonging to the Manhattan State Hospital, as this is a fairly central location, and the distribution of steam to all the buildings for the tuberculosis hospital and the Metropolitan Hospital proper can be economically and satisfactorily made. Fewer engineers and firemen will be required to operate one steam heating plant than to operate two as at present. Another important advantage is the fact that the building in which it is proposed to locate the new steam heating plant is adjacent to the dock, upon which a hoisting apparatus and a coal yard are to be provided. In this manner the hauling of coal to a considerable distance, as is now required for the plant heating the Metropolitan Hospital proper, will be obviated. The entire cost of this improvement is estimated at

\$65,000 00

3. Covering for dock at City Hospital to afford protection for freight and provisions and temporary waiting rooms for patients and visitors. At present no portion of the dock at the City Hospital, on which all freight and provisions for the hospital are landed as well as all patients and visitors, is covered. The patients, passengers and also freight are exposed to the weather at all seasons of the year with absolutely no protection. This is a great hardship to the patients and passengers and is not a proper method of handling provisions and freight.

The estimated cost of a shed to cover a portion of the dock, providing temporary storage room for freight and provisions and waiting room for patients and visitors is

\$8,000 00

4. Two brick pavilions at the City Hospital. At the City Hospital there are now three very old and dilapidated one-story wooden buildings and one two-story wooden building. One of these pavilions is occupied by the erysipelas patients, another by paralytics with a few epileptics, a third by male employees and the fourth is used as a carpenter shop, clothes room and dormitory. These buildings are very old and for several years have been unfit for use. They should be torn down and replaced by two brick pavilions, one to be used for shops, clothes rooms and dormitories and the other by patients. The estimated cost of these pavilions is

\$75,000 00

5. A central heating and lighting plant at the Kings County Hospital and Almshouse. There are at the present time two heating plants, one at the hospital consisting of three boilers, and an accessory locomotive boiler, which was added about two years ago, and one at the Almshouse consisting of four boilers. These are all very old, and the one at the hospital particularly is in a more or less dilapidated condition; they require the services of six Engineers and six Stokers. The Engineers are paid \$3.50 per diem, and the stokers \$7.20 per annum, making a total of \$11,985 per annum. The electric current is bought from the Flatbush Gas Company, the total cost in 1901 being \$10,869.17. The total cost of coal for the heating plants for 1901 was \$16,170.98. A new heating and lighting plant, centrally located, to supply all the buildings, could be built, it is estimated, at a cost of \$135,000. The estimated saving in operation per annum is as follows:

In labor	\$5,992 50
For electric light	10,000 00
Twenty per cent	3,234 19
Total	\$19,226 69

The need of a new heating plant is imperative, because of the dilapidated condition of the present plants, and also because they are inadequate, it being impossible to heat some buildings in severe weather. The estimated cost is

\$135,000 00

Addition to Morgue and Clinical Laboratory, Kings County.

The present Morgue is a two-story structure, 20 by 40 feet, which was constructed about thirty years ago, the lower floor being occupied by the refrigerator and post-mortem room and the upper floor by the clinical and pathological laboratory. The refrigerator, which is the largest that can be put in the present building, accommodates nine bodies. There are frequently fifteen bodies in the morgue at a time, and it is necessary under the present conditions to put the bodies in coffins and pack them in ice to keep them until claimed by relatives and friends, many of whom conduct their funerals from this point. The clinical laboratory is entirely inadequate to the needs of the hospital. It is estimated that twenty thousand dollars would suffice to make this building equal to the present needs

\$20,000 00

General Storehouse, Kings County.

The present Storehouse is a very old and dilapidated two-story building, which is considered unsafe, and which has not more than half enough room to properly store supplies and conduct the receipt and distribution of goods for the Department. The increased labor of passing upon and handling a large number of small deliveries, together with the passing of many small bills through all the books, adds very materially to the cost of conducting the Department, and increases the work in other Departments through which the bills pass. It is estimated that twenty-four thousand dollars would build a one-story fire-proof storehouse of sufficient size to obviate the above difficulties

\$24,000 00

Addition to Hospital for Consumptives, Kings County.

The present Consumptive Hospital has proper accommodations for forty patients. Fifty-five patients are now being cared for in this building, and frequently it is necessary to transfer patients to the Brooklyn Home for Consumptives, where the City pays one dollar per day for their care. This building was constructed with a view to future additions, and now contains all diet kitchens, plumbing, elevator and other necessary accessories, so that a fireproof addition could be added at a cost of twenty thousand dollars, which would accommodate fifty additional patients

\$20,000 00

Kitchen and Dining-room Building for Kings County Hospital.

At the Kings County Hospital there are at the present time two kitchens, eight dining rooms and four serving rooms, most of which are in the basement of the building. The main kitchen is very old and inadequate, and poorly located. Nearly all of the dining rooms are in inside rooms in the basement. The entire system is so scattered as to make it expensive to operate and unsatisfactory in results. The construction of one building, conveniently located, to contain a general kitchen, special diet kitchen, dining rooms, serving rooms and pantries for the patients, orderlies, convalescent help, nurses, clerks, household help and medical staff would obviate these difficulties and unnecessary expenses. The cost of such a building would be considerable, but the annual saving would also be very considerable; as this entire Department will require extensive additions, alterations and repairs, it would be more economical to spend sufficient money at one time to make proper provision for these purposes. The estimate for this building, with all equipment complete is seventy-five thousand dollars, and its construction will do more to make the results of the institution satisfactory than probably any other improvement that could be made, except the heating and lighting plant

\$75,000 00

Additional Repairs and Alterations to Cumberland Street Hospital.

In the Budget for 1901 the Board of Estimate and Apportionment allowed \$20,000 for repairs to the Cumberland Street Hospital (formerly the Brooklyn Homeopathic Hospital), and \$25,000 for maintenance for the same. The amount requested for repairs and alterations, based on a careful estimate of necessary changes was \$75,000. To the \$20,000 granted for repairs there was subsequently added by transfer the \$25,000 granted for maintenance, making a total of \$45,000. This amount has now been expended but there still remain additional alterations, some of which were suggested in the original estimate, others of which are now required as the result of a recent inspection of the buildings by the Superintendent of Buildings of the Borough. The Department of Buildings requires the elevator shafts to be made fire-proof throughout, additional fire-escapes to be erected, all cellar ceilings to be covered with fireproof material, the roof of the cellar to be covered with metal, and wood balconies to be replaced by iron balconies. The estimated cost of these repairs and other necessary improvements is

\$30,000 00

RECAPITULATION.

Additions to the Nurses' Home at the southern end of Blackwell's Island	\$100,000 00
A new boiler plant, subway, smokestack, steam connections and mains and alterations to existing boiler house at the Metropolitan Hospital	65,000 00
Covering for portion of the dock at City Hospital	8,000 00
Two brick pavilions at the City Hospital	75,000 00
Central heating and lighting plant, Kings County	135,000 00
Addition to Morgue and Clinical Laboratory, Kings County	20,000 00
General storehouse, Kings County	24,000 00
Addition to Consumptive Hospital, Kings County	20,000 00
Building to accommodate kitchen, dining-rooms, butcher shop, ice plant, etc., Kings County Hospital	75,000 00
Cumberland Street Hospital, repairs and alterations	30,000 00
	<hr/>
	\$452,000 00

The Commissioner would respectfully call attention to the fact that of the expenditure authorized by chapter 724, Laws of 1896, for new buildings and improvements in this Department, there remain of bonds authorized but not issued \$75,000, and of unused receipts from bonds already sold about \$13,000, making a total of about \$88,000, which, with your approval, might be applied to any of the purposes above mentioned.

Respectfully submitted,

HOMER FOLKS, Commissioner.

DR. JOHN WINTERS BRANNAN, No. 11 WEST TWELFTH STREET,
NEW YORK, March 25, 1902.

Hon. EDWARD M. GROUT, Comptroller, Department of Finance, Stewart Building,
Chambers Street, New York City:

DEAR SIR—In answer to your request for a statement as to the amount of money necessary for 1902, which must be obtained through the issue of bonds, I would respectfully inform you that on October 15, 1901, the Board of Estimate and Apportionment authorized the Comptroller to issue two hundred and seventy-five thousand dollars of Corporate Stock for the erection of a hospital in Harlem and the same was approved and concurred in by the Municipal Council November 12, 1901, by the Board of Aldermen November 26, 1901, and signed by his Honor Mayor Van Wyck December 4, 1901.

Yours very truly,

JOHN W. BRANNAN,
President, Board of Trustees, Bellevue and Allied Hospitals.

DEPARTMENT OF HEALTH—CITY OF NEW YORK,
SOUTHWEST CORNER FIFTY-FIFTH STREET AND SIXTH AVENUE,
BOROUGH OF MANHATTAN,
NEW YORK, April 10, 1902.

Hon. EDWARD M. GROUT, Comptroller of The City of New York:

SIR—At a meeting of the Board of Health of the Department of Health, held April 9, 1902, the following preamble and resolution were adopted:

Whereas, In the boroughs of The Bronx, Queens and Richmond there are absolutely no hospital accommodations for cases of contagious diseases, and no arrangements for carrying on proper disinfection; and

Whereas, In the boroughs of Manhattan and Brooklyn, and at North Brother Island, the present buildings are wholly inadequate, out of repair, and of such a character as not to meet the requirements; and

Whereas, On account of these conditions it is necessary, in order to properly and humanely care for patients, to construct suitable hospital and disinfection plants in those boroughs where none now exist, and to repair, alter and add to the present plants existing to such an extent as may be required to put them in condition to isolate and treat the cases of contagious diseases arising in the respective boroughs; therefore be it

Resolved, That this Board, pursuant to the provisions of chapter 535 of the Laws of 1893, hereby certifies to the Board of Estimate and Apportionment that the sum of one million and twenty-five thousand dollars (\$1,025,000) should be appropriated for

the year 1902 for the purpose of defraying the necessary expenses required to be incurred by the Board of Health for the preservation of the public health in erecting new hospital and disinfection buildings, and altering, repairing and adding to existing plants, including architects' fees, fixtures, etc., as follows:

BOROUGH OF MANHATTAN.

Two pavilions, administration building, annex to Willard Parker, power-house, laundry, crematory, morgue, disinfecting plant, alterations, repairs, fixtures, architect's fees, etc..... \$600,000 00

BOROUGH OF THE BRONX.

Administration building, four pavilions, station for disinfection, ambulance service and power plant, with fixtures, architect's fees, etc.... 100,000 00

BOROUGH OF BROOKLYN.

Two pavilions, power-house, alterations, repairs, fixtures, architect's fees, etc..... 125,000 00

BOROUGH OF QUEENS.

Administration building, four pavilions, station for disinfection, ambulance service, power-house, with fixtures, architect's fees, etc..... 100,000 00

BOROUGH OF RICHMOND.

Administration building, one pavilion, station for disinfection, ambulance service, power-house, with fixtures, architect's fees, etc..... 50,000 00

NORTH BROTHER ISLAND.

Alterations, repairs and additions to present buildings, with necessary fixtures, architect's fees, etc..... 50,000 00

Total..... \$1,025,000 00

A true copy.

C. GOLDBERMAN, Secretary.

DEPARTMENT OF STREET CLEANING,
NEW YORK, March 31, 1902.

Hon. SETH LOW, Mayor, Chairman, Board of Estimate and Apportionment:

SIR—I submit herewith an estimate for a Bond Account (New Stock—Plant) for the boroughs of Manhattan and The Bronx, and a separate one for the Borough of Brooklyn.

Notwithstanding the fact that there has been an authorized issue of bonds for this purpose very recently, to the amount of \$184,160.50, for Manhattan and The Bronx, I find that the plant of the Department in these two boroughs is so depleted, due to the fact that there has been no bond issue since 1900, that this supplemental bond account will be absolutely necessary to equip the Department in the two boroughs named in the manner necessary for the proper performance of the work.

The quantity and kinds of articles, together with the estimated cost, is set forth in every instance, and in the preparation of it, not only for the boroughs of Manhattan and The Bronx, but also for the Borough of Brooklyn, I have exercised every care possible consistent with the needs and with a view to economy.

In 1899 in the two boroughs above named there was a bond issue of \$76,618.50 and in 1900 there was no direct issue for the Borough of Manhattan, but a surplus, found to exist in the boroughs of Queens and Richmond that year aggregating \$142,776.92, was transferred to the boroughs of Manhattan and The Bronx for this purpose.

In the Borough of Brooklyn there has been no bond issue for the replenishment of the plant in that borough since January 11, 1899, the amount authorized at that time being \$281,431.25. Of this amount there still remains available for the purpose \$45,542.78, which should have been expended when the needs were apparent. That not having been done, however, that borough I find to be greatly in need of many articles of equipment that are indispensable to the proper performance of the work there, and in my judgment those articles enumerated in this estimate for a bond account are absolutely indispensable if the work is to be carried on in a comprehensive manner and if the service is to be extended to any degree at all.

The item of \$4,000 in this account for the erection of a frame stable is to be devoted to that purpose in the vicinity of Coney Island, in order to provide the necessary facilities for giving that and adjacent summer resorts in the immediate neighborhood adequate service during the summer season. In this connection I wish to say that it is simply my purpose to keep twenty-five (25) or thirty (30) horses, carts, harness and other equipment there, also a sufficient number of sweepers to perform the work necessary during the period that these resorts are kept open.

There will also be found in the estimate for Brooklyn \$1,700 for an extension to Stable "D," so as to accommodate fifty (50) more horses and erect stalls and do necessary concreting. The stable accommodations here are not sufficient to properly serve the territory it is supposed to cover, and with the proposed extension this would be overcome.

I presume it is quite needless for me to say that these estimates contain no items but those that, in my judgement, are absolutely essential.

Respectfully,

JOHN McG. WOODBURY, Commissioner.

BOROUGH OF MANHATTAN AND THE BRONX.

200 horses at \$225 each.....	\$45,000 00
35 sick horse blankets (heavy) at \$5 each.....	175 00
75 stable blankets at \$3.50 each.....	262 50
400 feed bags (Champion) at 87½ cents each.....	350 00
250 horse pipe collars at \$4.75 each.....	1,187 50
30 steel ash carts at \$110 each.....	3,300 00
25 paper and rubbish carts at \$105 each.....	2,625 00
1,000 galvanized iron ash cans at \$2.75 each.....	2,750 00
150 sets of single cart harness at \$22 per set.....	3,300 00
5 sets of single truck harness at \$29 per set.....	145 00
100 combination bag and can carriers at \$12.50 each.....	1,250 00
100,000 second-hand burlap bags at 6 cents each.....	6,000 00
	<u>\$66,345 00</u>

BOROUGH OF BROOKLYN.

250 horses at \$225 each.....	\$56,250 00
300 canvas horse covers (No. 5 duck, extra heavy) at \$2.40 each..	720 00
300 feed bags (Champion) at 87½ cents each.....	262 50
225 pipe horse collars at \$4.75 each.....	1,068 75
200 stable blankets at \$3.50 each.....	700 00
225 leather halters at 50 cents each.....	112 50
450 steel ash carts at \$110 each.....	49,500 00
450 sets of single cart harness at \$22 per set.....	9,900 00
450 canvas cart covers (No. 5 duck, extra heavy) at \$2.35 each....	1,057 50
40 paper and rubbish carts at \$105 each.....	4,200 00
25 bicycles at \$30 each.....	750 00
15 street sweeping machines at \$375 each.....	5,625 00
15 single sprinkling trucks at \$250 each.....	3,750 00
200 combination bag and can carriers at \$12.50 each.....	2,500 00
1,000 galvanized iron ash cans at \$2.75 each.....	2,750 00
6 sets single light driving harness at \$30 per set.....	180 00
6 horse sheets at \$3 each.....	18 00
6 storm aprons at \$2.50 each.....	15 00
6 driving whips at \$2 each.....	12 00
200 paper and rubbish cans at \$3.35 each.....	670 00
1 15 horse-power electric motor.....	600 00
1 frame stable in vicinity of Coney Island.....	4,000 00
For extension to Stable "D," so as to accommodate 50 more horses, and erect stalls, etc.....	1,700 00
For extension, including an additional story over part of the structure and repairs to Stable "B".....	5,000 00
	<u>\$151,341 25</u>

BOARD OF ARMORY COMMISSIONERS,
SECRETARY'S OFFICE, STEWART BUILDING, 280 BROADWAY,
NEW YORK, April 9, 1902.

Hon. EDWARD M. GROUT, Comptroller of The City of New York:

DEAR SIR—I am in receipt of your communication of April 9, in which you ask for an estimate of the contemplated outlay of bond issues for the use of the Armory Board for 1902, and in reply thereto I beg leave to submit the following:

BOROUGH OF MANHATTAN.

First Battery Armory.

		Amount Needed for 1902.
Authorized and appropriated.....	\$200,000 00	
Bills paid.....	73,132 90	
Balance to be paid.....		\$126,867 10
Furnishing this Armory, estimated (not authorized or appropriated)....		8,000 00

Seventy-first Regiment.

Care of ruins, appropriated and authorized.....	2,500 00
Rebuilding, not yet authorized or appropriated, \$400,000.....	
Estimated needed in 1902.....	100,000 00
Estimated furniture and fittings in rented Armory.....	5,000 00

Sixty-ninth Regiment.

Appropriated and authorized, \$450,000.....	
Estimated needed in 1902.....	100,000 00

BOROUGH OF BROOKLYN.

Second Naval Battalion.

Grading site, appropriated but not authorized.....	16,000 00
For Armory building, appropriated and authorized, \$250,000.....	100,000 00

Troop "C."

Purchase of site by condemnation, estimated.....	25,000 00
Erection of building, \$400,000.....	100,000 00

Total..... 583,367 10

The foregoing estimate includes only such work as has been considered by the Armory Board and approved as necessary, and much of it, as indicated in detail, has been already submitted to the Sinking Fund and received the necessary concurrent action of that Board.

As to the relative right of preference of one organization to another, we know of no such preference.

There is much other work in connection with the armories of the National Guard that should have the recognition of the Board which has been postponed from time to time for the only reason of keeping down the expenditure. The neglect of some of this work is false economy.

The armories nearly all need paint and the roofs of a number of them are in a dilapidated condition and should have more attention and more expenditure applied to them than is provided in these estimates or in the appropriation made for Repairs and Supplies to Armories, approved and submitted to the Board of Estimate and Apportionment by the Armory Board.

Yours respectfully,

JAMES L. WELLS, Secretary.

BOARD OF EDUCATION,
PARK AVENUE AND FIFTY-NINTH STREET,
NEW YORK, April 10, 1902.

Hon. J. W. STEVENSON, Secretary, Board of Estimate and Apportionment:

DEAR SIR—I have the honor to transmit herewith certified copy of report and resolutions adopted by the Board of Education, at a meeting held on April 9, 1902, relating to the issue of Corporate Stock for school buildings, sites and other improvements.

Very respectfully,

A. EMERSON PALMER, Secretary, Board of Education.

[Report Relative to Bond Issue Required for School Buildings and Sites Adopted by the Board of Education, April 9, 1902.]

To the Board of Education:

The Committee on Buildings and the Committee on Sites respectfully report that, on the request of the President, they held a joint meeting on April 7, 1902, to consider a communication received from the Comptroller, under date of March 5, 1902, setting forth the request of the Board of Estimate and Apportionment that the various departments and officers of the City Government submit estimates in detail of the requirements of said Departments which are to be met by the issue of Corporate Stock during the year 1902; also a resolution adopted by the Board of Estimate and Apportionment on April 3, 1902, stating that said Board will hold a public hearing on the subject of bond issues on Friday, April 11, 1902, at 2 o'clock p. m.

The report of the Special Committee of Five, adopted by the Board of Education on March 5, 1902 (see Journal, pages 398-407), stated that the amount of bonds required to make good deficiencies in school buildings and sites was \$5,133,117.50; and that, on a conservative estimate of school needs, bonds to the amount of at least \$4,250,000 would be required to keep up with the annual increase in school population.

In order to obtain as complete information as possible in regard to the needs of the school system throughout the entire city, the Committee on Buildings recently requested the City Superintendent of Schools to make a detailed report in reference thereto. The City Superintendent, in conjunction with the Associate and District Superintendents, has given the matter exhaustive consideration, and has presented two reports, one dealing with Divisions 4 and 5 (Borough of Brooklyn), and the other with Divisions 1, 2, 3 and 6 (boroughs of Manhattan, The Bronx, Richmond and Queens). These reports are as follows:

NEW YORK, March 31, 1902.

To the Committee on Buildings:

GENTLEMEN—I have the honor to submit the following suggestions as to new buildings, additions to old buildings and structural changes in old buildings needed in the several districts of this City. This report is intended to cover buildings, additions and changes not provided for in my report submitted to the Special Committee on February 14, 1902. It will be understood that the suggestions herein made are regarded as of secondary importance to those made in the report of February 14.

In order to prepare the present report, I requested each Principal in the city to make a report to his District Superintendent, covering the following points:

1. Additional buildings needed to accommodate children in part-time classes and children awaiting admission.
2. Buildings to take the place of buildings now rented.
3. Buildings needed to take the place of school buildings which are unfit for school use.
4. Structural changes in buildings needed for sanitary reasons.
5. Buildings or ground that should be purchased to secure a proper supply of light and air.

The District Superintendents made a careful examination of the reports made by the Principals, and reported their conclusions to the Division Superintendents.

The Division Superintendents investigated all recommendations made, both by Principals and District Superintendents, and reported their conclusions to the City Superintendent.

The report which I make to your Committee is founded upon the report submitted to me by the Division Superintendents. Annexed to my report you will find the reports made by the Division Superintendents.

In making this report I have followed the order of topics prescribed for the Principals' reports. You will find, therefore, my recommendations for each of the forty-six school districts under the following heads:

Item I.—Additional buildings needed to accommodate children in part-time classes and children awaiting admission.

- Item II.—Buildings to take the place of buildings now rented.
 Item III.—Buildings needed to take the place of school buildings which are unfit for school use.
 Item IV.—Structural changes in buildings needed for sanitary reasons.
 Item V.—Buildings or ground that should be purchased to insure a proper supply of light and air.

FOURTH DIVISION.

District No. 27.

- Item I.—No recommendation.
 Item II.—No recommendation.
 Item III.—A building of at least 28 rooms, to take the place of No. 8, and to take pupils out of dark rooms in No. 1. This building should be located from three to five blocks south of the present building on Middagh street.
 A building of 28 rooms, to take the place of No. 47. This building is an old church; the ventilation and light are both exceedingly bad. It now has 341 pupils on part time.
 Item IV.—Public School 47. Some effort should be made to secure better light for this school until a new building can be erected.
 Public School 12. New stairs and wardrobes are needed. Windows should be cut in the rear. The desks on the third floor, which have been in use for over twenty-seven years, should be replaced.
 Public School 9. Storm doors in the yard are reported as necessary.
 Item V.—Public School 7. The buildings on land recently purchased adjoining this school should be removed and the playground enlarged.
 Public School 5. Something should be done to improve the light of the rooms on the north side of No. 5.

District No. 29.

- Item I.—An addition of sixteen rooms to No. 42. This school has 640 pupils on part time.
 A building of at least thirty-six classrooms in the neighborhood of the corner of Marcy and Lafayette avenues. This building will relieve Nos. 54, 55, 79 and 3. It should be built for a grammar school.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—No recommendation.
 Item V.—No recommendation.

District No. 31.

- Item I.—A new building to relieve No. 17, and to take the place of No. 48 and a rented annex. This building should contain at least forty rooms. No. 17 has 323 pupils on part time.
 A new building of twenty-four rooms in the triangle bounded by Harrison avenue, Flushing avenue and Heyward street.
 Item II.—(See recommendation above with regard to No. 17.)
 Item III.—(See recommendation above with regard to No. 17.)
 Item IV.—Public School 16. Water supply, which is entirely inadequate, should be increased.
 No. 19. Waterclosets should be removed to a greater distance from the classrooms.
 Item V.—The lots in the rear of No. 71 should be purchased for purposes of light and air. If this is done, kindergarten rooms will also be secured.

District No. 32.

- Item I.—A new building of thirty-six classrooms in the neighborhood of Summer avenue and Floyd street or Stockton street, to relieve Nos. 79, 24 and 55. In No. 79 there are 942 pupils on part time; in No. 24, 882 pupils on part time; in No. 52, 504 pupils on part time.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—Public School 25. The Principal complains of draughts of cold air from the present stairways.
 Public School 26. Waterclosets should be removed from their present location near classroom windows.
 Item V.—No recommendation.

District No. 33.

- Item I.—No recommendation.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—No. 18 is in bad condition. Only a building expert can tell how it may be relieved.
 No. 21. The exits should be improved and increased.
 No. 88. Waterclosets should be remodeled and the supply of water increased.
 Item V.—No recommendation.

District No. 34.

- Item I.—No recommendation.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—No. 20. The janitor's house should be removed from its present location and a playground provided. This building should be remodeled as soon as it is relieved by the erection of buildings projected in the neighborhood.
 Item V.—A strip of land should be purchased on each side of No. 34.

District No. 35.

- Item I.—A building of forty classrooms between No. 86 and No. 123, and a little east of the connecting line.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—No. 74. The waterclosets in this school need a ventilating shaft.
 No. 86. The basement classrooms should be immediately painted in a light color. It will be necessary to use these rooms until a new building is ready.
 Item V.—No recommendation.

District No. 36.

- Item I.—No recommendation.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—No. 106. It is reported that the roof and walls of this building need strengthening.
 Item V.—No recommendation.

FIFTH DIVISION.

District No. 28.

- Item I.—No recommendation.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—No structural changes recommended except such general repairs as may be needed to make No. 6 and No. 29 more habitable than they are until such time as they may be abandoned.
 Item V.—Strips of land on both sides of No. 13.

District No. 30.

- Item I.—No recommendation.
 Item II.—No recommendation.
 Item III.—No recommendation.
 Item IV.—No recommendation.
 Item V.—A strip of land on the north side of No. 39.

District No. 37.

- Item I.—No recommendation.
 Item II.—No recommendation.
 Item III.—A building of sixteen rooms to take the place of No. 112. This, however, may be deferred for another year if necessary.

- Item IV.—All schools in this district not already connected with sewers should be so connected as soon as possible.
 Item V.—Strips of land on either side of No. 2, to prevent the erection of large buildings.

District No. 38.

- Item I.—A building of sixteen rooms in the vicinity of No. 94.
 A building of sixteen rooms in Coney Island, about half way between No. 109 and Sea Gate.
 Item II.—A building between No. 89 and No. 119, to take the place of the rented annex to No. 119 and to relieve both schools.
 Item III.—No recommendation.
 Item IV.—No recommendation.
 Item V.—No recommendation.

District No. 39.

No recommendations.

District No. 40.

No recommendations.

The report on Divisions 1, 2, 3 and 6 will, I hope, be completed by Wednesday.

Respectfully yours,

WILLIAM H. MAXWELL, City Superintendent.

NEW YORK, April 7, 1902.

To the Committee on Buildings:

GENTLEMEN—I have the honor to submit the following recommendations regarding school accommodations in Division 1 (Borough of Richmond and Borough of Manhattan below Fourteenth street), Division 2 (Borough of Manhattan from Fourteenth street to One Hundred and Tenth street), Division 3 (Borough of Manhattan from One Hundred and Tenth street to Harlem river and the Borough of The Bronx), and Division 6 (Borough of Queens). My recommendations for Divisions 4 and 5 (Borough of Brooklyn) were submitted to your Committee on March 31.

My recommendations were prepared after a careful consideration of the reports made by principals and District Superintendents and after consultation with Division Superintendents Davis, Jasper, O'Brien, Higgins, Walsh and Stevens, and with Superintendent of Buildings Snyder, whose advice was invaluable. The recommendations are made by districts, and, as in the case of Brooklyn, are arranged for each district under the following items or heads:

1. Additional buildings needed to accommodate children in part-time classes and children awaiting admission.
2. Buildings needed to take the place of buildings now rented.
3. Buildings needed to take the place of buildings unfit for use.
4. Structural changes in buildings needed for sanitary reasons.
5. Buildings or ground that should be purchased to insure a proper supply of light and air.

While the accommodations recommended in this report are not, perhaps, so necessary as those described in my report to the Special Committee of Five on March 5, yet they are all urgently needed. I believe that nothing has been recommended that should not be undertaken at once.

At the close of this report you will find a summary of the accommodations asked for each borough.

In addition to the accommodations for elementary schools, I would ask your favorable consideration for the following special recommendations:

1. A building for a technical or manual training high school should be provided for the Borough of Manhattan. The new high school buildings will be filled to overflowing the moment their doors are opened. A technical or manual training high school is needed, not only to accommodate the overflow, but to round out the scheme of secondary education commenced in the old City of New York in 1897.
2. The building for the Theory Department of the Brooklyn Training School, for which the plans have been made and the ground purchased, should be provided at once. Under the new rule, which extends the course of study in the Brooklyn Training School to two years, the present building, poorly adapted to the purpose as it is, will prove utterly inadequate.
3. I have recommended the purchase of ground adjacent to the New York Truant School for the purpose of providing needed light and air and additional accommodations. Even were this improvement made, the New York school may properly be used only as a receiving or temporary place of detention. The Brooklyn school is not much better. A wise policy in dealing with truant boys would require us to separate first offenders from those who are committed a second or third time. Buildings should be provided for the latter class in which the treatment would be essentially different from that given to first offenders. I recommend, therefore, that buildings sufficiently large to accommodate all truant boys committed for the second or third time (say for three or four hundred boys), from all parts of the city, be erected on the land owned by the City in the neighborhood of the Brooklyn Truant School. If this be not done, it will be necessary to purchase a large tract of land elsewhere and erect a building thereon.

Following are the recommendations by divisions and districts:

FIRST DIVISION.

District No. 1.

- Item I.—A building of 48 classrooms between Public School 21 and Public School 106.
 A building of not less than 28 classrooms between Public School 130 and Public School 108.
 A building of 48 classrooms south of Public School 23.
 On the completion of these buildings, Nos. 21 and 106, 130 and 108, and 162 and 180 should be abandoned.
 Public School 114. An addition of 16 rooms.
 Item II.—No recommendation.
 Item III.—Public Schools 21, 106, 130, 108, 162 and 180 should be abandoned. (See under Item I. above.)
 Item IV.—Public School 180. The plans made by the Superintendent of Buildings should be carried out, as the changes are needed to make the building habitable until a new building is erected.
 Public School 21. The lavatory facilities are deplorably deficient. They should be improved and increased.
 Item V.—Public School 114. The stables in the rear should be purchased in order to do away with an intolerable nuisance.

District No. 2.

- Item I.—Public School 2. A building midway between No. 2 and No. 31, of at least 28 classrooms. As soon as the building is completed, the leased building (annex to No. 2) should be abandoned.
 Public School 7. An addition of 14 or 16 rooms.
 Item II.—(See under Item I. above.)
 Item III.—Public School 144. A new school building (at least 48 rooms) is needed here, and the old one should be abandoned as unfit for use. (See detailed report.)
 Public School 177. An addition of 16 rooms to No. 177 should be erected to take the place of the annex.
 Item IV.—Public School 2. The fifth floor of the annex should be changed so as to provide at least four additional classrooms.
 Public School 136. A teachers' room is needed.
 Public School 177. The toilet room for boys on the fifth floor should be changed to toilet room for girls, as there are no boys in the Grammar Department.
 Item V.—No recommendation.

District No. 3.

- Item I.—Public School 34. A new building of 40 rooms, near corner of Rivington and Sheriff streets, to relieve No. 34.
 Public Schools 75 and 92. The plans already in course of preparation for the relief of Nos. 75 (24 rooms) and 92 (20 rooms) should be pushed forward without delay.
 Item II.—No recommendation.
 Item III.—No recommendation.

Item IV.—Public School 42. The stairway on Ludlow street side should be extended to fifth floor. A window should be cut in the front of the main room.
Public School 137. Windows and doors in hallway should be changed in construction to insure better ventilation.
Item V.—No recommendation.

District No. 4.

Item I.—Public School 110. A large addition (at least 36 rooms) should be erected. This addition should be sufficiently large to admit of the abandonment of the building now occupied, which was originally a church and is ill adapted to school purposes.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—Public School 22. The cellar should be protected from influx of water. The roof on the old building should be repaired.

Item V.—Primary School 12. The lots on the west and east should be purchased to prevent the erection of tenements.

Primary School 22. The walls of No. 262 Stanton street, facing Primary School 22, should be painted a light color, in order to reflect light into the school building. Possibly No. 262 Stanton street ought to be purchased.

Primary School 88. Rooms 1 and 11 need additional windows.

District No. 5.

Item I.—Primary School 4. On the property at No. 71 Pitt street an eight-room building.

A forty-eight room building on Pitt street, preferably opposite park.

Primary School 161. I would suggest the possibility of providing two classrooms in No. 107 Ludlow street as an annex.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—Primary School 4. The windows in Rooms 1 and 21, opening into a dark and narrow court, should be closed.

Item V.—Primary School 13. Property immediately east, extended along Norfolk street, should be purchased to provide light and air and prevent erection of tenements.

Primary School 140. Seven large brick piers in the girls' playroom on the south side of the building should be replaced by iron columns, to give more light and air, as well as room. The school yard on the south side is leased for light and air. The two wings of No. 140 stand on this leased property, which should be purchased. The strip of property directly north of No. 140 should be purchased in order to prevent the cutting off of light and air.

District No. 6.

Item I.—No recommendation.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—Primary School 25. Four classrooms in front of platform in assembly rooms should be converted into two classrooms and individual desks be substituted for settees; this improvement should not be undertaken, however, until the several hundred children can be provided for elsewhere. Strip of ground, 25 feet wide on the east side of the building, extending from Fifth street to Fourth street, should be purchased and closet in girls' yard placed in open space. Fire escapes should be erected for use of Girls' Department.

Item V.—Primary School 35. Lots to the north and south of building should be purchased to insure proper supply of air. This will give the school outside yards and make it quite habitable.

Primary School 79. Building in the rear of No. 44 First street (a tenement house adjoining the school) should be acquired and demolished; this will secure light and air and make room for additional closet accommodation.

District No. 7.

Item I.—The building recommended in a former report should not be an addition to No. 15, but a separate structure, to the north of No. 71, and midway between No. 71 and No. 126.

Item II.—No recommendation.

Item III.—Primary School 15. Buildings to the east and west, property of the City, now used for school purposes, are unfit and should be demolished, to insure a proper supply of light and air, provided other accommodations can be found for the four classes now in those buildings. They are not properly lighted, heated or ventilated.

Item IV.—Primary School 71. Closets, at present under the school building, should be placed on the City property to the rear of this school, and the remaining portion of ground could be utilized for playground purposes.

Item V.—Primary School 36. Building to the east should be purchased and demolished, to insure proper supply of light and air, and improve sanitary conditions. The three-story buildings on the west should be purchased, either as a site for a new building or to prevent the erecting of tenement houses.

Primary School 126. The lot on the west side of this building should be purchased to insure the continuance of the supply of light and air.

District No. 9.

Item I.—No recommendation.

Item II.—No recommendation.

Item III.—Primary School 38. A new building of 40 classrooms is needed. This building was condemned as unsafe, but a few of the greatest weaknesses have been strengthened. The first floor is still in bad condition. Marching and some other physical exercises have had to be suspended because of the weakness of the structure.

Public School 125. A new building of about 36 classrooms is needed. The present one is unsanitary and overcrowded.

Public School 3. A new site should be acquired a block or two to the east of the present school, in a quieter neighborhood, and a building of 40 classrooms erected. The present building and site should then be sold. The main part of this building is old and not very strong. The classrooms are of inconvenient size and poorly ventilated. The noise of the traffic on Hudson street is so great that fully one-quarter of the time of the teachers in the front room is lost. Pupils cannot be properly advanced and promoted on account of the varying sizes of the rooms.

Item IV.—Public School 16. The waterclosets need partial reconstruction.

Public School 41. A building of 4 rooms should be erected on ground owned by the Board of Education adjoining No. 41. This should be made to accommodate the kindergarten and the 1A class now taught in the old-fashioned dwelling house on the site, and some of the classes now being taught in the assembly rooms.

Item V.—Public School 113. Property on the west of this building should be acquired to secure additional light.

District No. 45 (Richmond).

Item I.—Public School 16. An addition of 8 rooms.

Public School 19. An addition of 4 rooms.

Public School 27. An addition of 2 rooms.

Item II.—Public School 30. A new building of 8 rooms for School No. 30, to take the place of rented building in Prohibition Park.

Item III.—Public School 26. A building of 8 rooms. It has been the purpose for some time to replace this building, as it cannot be changed or remodeled with economy.

Item IV.—No recommendation.

Item V.—No recommendation.

District No. 46 (Richmond).

Item I.—Public School 13. A building of 8 rooms in the vicinity of No. 13, Rosebank.

Item II.—Public School 31. A building of at least 2 rooms for School No. 31, Bogardus Corners. Present accommodations (an old church) are of the very poorest kind.

Item III.—No recommendations.

Item IV.—No recommendations.

Item V.—No recommendations.

SECOND DISTRICT.

District No. 8.

Item I.—New building to contain 48 classrooms in place of No. 104, which should be torn down.

Item II.—None.

Item III.—(See recommendation under Item I.)

Item IV.—Public School 50, No. 211 East Twentieth street. The lot on the east side of this school is now used as a storage place for trucks and wheels. It should be converted into a playground. It needs asphalt. An iron fence with gate should be put up in front and doors cut from basement of school building leading to yard. This new yard is very necessary, as the playrooms are inadequate. The building is old-fashioned and inconvenient. There is also a need for new toilets.

Public School 129. No. 433 East Nineteenth street. This school requires new toilets for boys.

District No. 10.

Item I.—None.

Item II.—None.

Item III.—None.

Items IV. and V.—Public School 33. No. 418 West Twenty-eighth street. In both departments classes are taught in the assembly rooms—three in the Girls' Department and two in the Primary. There are four classes taught on the ground floor in small, ill-lighted and poorly ventilated rooms. In the rear of the Primary assembly room four classes are taught without sliding doors separating them. For the purpose of making certain proper light and ventilation, and to erect an addition to contain at least twelve classrooms, a cooking room and a gymnasium, it is recommended that the property in the rear be acquired.

Item V.—Public School 45. No. 225-231 West Twenty-fourth street. The rear rooms in the primary are dark and poorly ventilated. Artificial light must be frequently used, and classes must be brought to the assembly room for writing. The two houses on Twenty-fifth street, rear of school, owned by the Board, should be torn down in order to furnish additional light and air. The houses on the property have a dilapidated appearance back and front. Refuse, such as bedding, papers, etc., is often thrown into the yards.

Public School 48. No. 124 West Twenty-eighth street. An alteration of the second story is needed to provide two large, well-lighted rooms for first year pupils. The purchase of the lot on Twenty-eighth street, west of the school, is an absolute necessity to insure a proper supply of light and air in the future. A building on the rear of this lot now renders useless as a classroom one of the largest and best adapted rooms for little people in the building.

Public School 55. No. 140 West Twentieth street. Classes in grades 1A and 1B are usually crowded to sixty pupil and should be relieved by the formation of new classes, but thus far it has been impracticable because there is no unoccupied room in the school building, and a search for a fireproof building to rent to accommodate them has been unsuccessful. There is no kindergarten class, and there have been frequent applications by parents to enter their children in such classes. An additional detriment to the school from the building on the easterly side is the nearness of the kitchens to the classroom windows, so that the smells and smoke of the cooking pervade the classrooms when the windows are open. The school yard on the east side is really the bottom of an air shaft, and the open space between the school and the apartment house is practically an enlarged air shaft. On the southerly side, the noise caused by running looms and the operation of other machinery is a great detriment to the school. To gain sufficient light for class work, electric lights are used on all days, both clear days and dark days, as follows:

Second story, classrooms Nos. 3, 4, 5, 9, 10 and the Assembly Room.

Third story, classrooms Nos. 22, 23, 26, 27, 29.

Fourth story, classroom No. 45.

The five-story apartment-house abutting the building on the easterly side and at least 25 feet from the rear and the eight-story Kursheedt factory on the southerly side should be purchased and removed. Both buildings deprive the school of a sufficient amount of light and air, and are objectionable on other grounds. There will be no need for a new building if a proper supply of light and air can be secured. In default of securing a proper supply of light and air a new site should be acquired and a new building of 28 classrooms should be erected.

Public School 56. No. 351 West Eighteenth street. The building, No. 357 West Eighteenth street, adjoining the school and owned by the Board, should be arranged for classroom purposes. It is now occupied by the janitor. The room formerly used as a meeting room for the School Inspectors should be fitted up for a kindergarten class.

District No. 11.

Item I.—On the property on Forty-fifth street, between Tenth and Eleventh avenues, in the rear of Public School 51, a new building to contain 24 classrooms, principally for girls of the last four years of the course, should be erected. The girls living west of this site have a long distance to travel to attend school. Furthermore, the schools nearest to the above site north, south and east are crowded. Public School 33, No. 418 West Twenty-eighth street; Public School 17, No. 335 West Forty-seventh street; Public School 84, No. 430 West Fiftieth street. The erection of this building would relieve the crowded condition of the surrounding schools and at the same time give to the girls living in the extreme west side, in the vicinity of Forty-fourth street, a school near their homes.

An addition of twenty rooms to No. 17 on property to be purchased on Forty-eighth street, in rear of present building.

Item II.—None.

Item III.—None.

Item IV.—Public School 17. No. 335 West Forty-seventh street. The ground floor of this school is occupied for classroom purposes. It should be used as a playground.

Public School 28, No. 257 West Fortieth street. The building on the east side of Public School 28 should be purchased and removed in order to insure a proper amount of light and air to twelve classrooms in the east wing. It is necessary in many of these classrooms to use artificial light much of the time. By cutting windows in the east walls of said classrooms there would be a much needed improvement in light and ventilation. Further, part of such ground space secured by purchase could be utilized for kindergarten classes. From the third story at the west front an extra stairway would add very materially to the safe dismissal of both departments. To insure further safety and for better ventilation, the present west front stairway might be made to correspond to that of the east front.

Public School 32. No. 357 West Thirty-fifth street. To accommodate children in part-time classes and to provide rooms for classes that are now taught in main room with very poor accommodations, using settees instead of desks, small closets for wardrobes, and having very limited blackboard space, also to provide proper room for the kindergarten, which is now taught in an exit, totally unfit for the purpose but temporarily fitted up for present use, the following recommendation is made: That the annex on Thirty-sixth street be torn down, and a building of twenty-four rooms erected on land on which the annex now stands and on additional land owned by the City. The lots adjoining the east side of school buildings on which this structure might be built are owned by the City. The two playgrounds are congested. Part of the lots above referred to might be added to the playgrounds, thus giving much needed additional space. The sanitary conditions might be improved if the toilets were removed to a greater distance from the buildings. To insure additional light and air, the rear part of these same lots should be vacant.

District No. 12.

Item I.—None.

Item II.—None.

Item IV.—Public School 18. No. 121 East Fifty-first street. There are six classes of boys and girls in the basement of this school. It is recommended as a temporary relief that two of the houses in the rear of the school on Fifty-second street, now owned by the City, be fitted up for kindergarten and primary classes. This school is poorly constructed and needs a great many changes. The toilets should be removed from their present location for sanitary reasons. There is need of a new front stairway and improved fire escapes.

Public School 49. No. 237 East Thirty-seventh street. The City owns houses on East Thirty-eighth street, in the rear of this school. One of these should be fitted up temporarily for the use of kindergarten classes, to relieve the Primary Department. There is need of improved toilets for the Primary Department.

Public School 73. No. 209 East Forty-sixth street. It is recommended that rooms be fitted up in the adjoining house, No. 207 East Forty-sixth street, owned by the City, for the use of kindergarten and primary classes.

Public School 116. No. 215 East Thirty-second street. The toilets are inadequate. The houses on Thirty-third street, now owned by the City, in the rear of this school, should be removed and the space fitted up for a playyard and for the location of new toilets.

District No. 13.

Item I.—Sixty-sixth street and Sixty-seventh street, east of First avenue, 150 feet by 200 feet. A building should be erected on this site, to contain forty-eight classrooms. The erection of this building would do away with part-time classes in the neighboring schools, and also relieve the crowded condition of the same. Furthermore, the annex to Public School 82 could then be torn down, and the plot No. 37 East Seventieth street be converted into a playground, thus assuring a supply of light and air to Public School 82.

Items III. and IV.—Public School 70. No. 207 East Seventy-fifth street. Three classes on the main floor of this school are badly lighted, and on dark days are unfit for use without artificial light. The proper amount of light and air is excluded by the annex on the east side. The classrooms immediately above the closets and the rooms on the basement or ground floor receive the odors arising from the closets. The rooms are poorly ventilated. The yards are small and inadequate. The conditions in this school are such that the following recommendations are necessary:

- (1) The tearing down of the annex.
- (2) The building of an extension or annex with twenty-four rooms on the lots in the rear (Nos. 206-214 East Seventy-sixth street), now owned by the Board of Education.
- (3) The removing of all basement classes when the above accommodations are afforded.
- (4) The thorough remodeling of the present building, especially the playground floor.
- (5) The providing of outdoor playground space.
- (6) The removal of the closets from close proximity to the school building.

Items IV. and V.—Primary School 74. No. 220 East Sixty-third street. The building on lot No. 214 East Sixty-third street, adjoining Primary School 74 on the west and now owned by the Board of Education, should be torn down and the lot thrown into a playground, partly opened and partly covered. This would also provide for an extra exit for primary pupils and permit of their dismissal simultaneously with the boys of the Grammar Department. At the present time they are not so dismissed, it being impracticable.

Primary School 76. Sixty-sixth street and Lexington avenue. Two lots on the south side of the school, now leased to Mount Sinai Hospital by the City, should be transferred, for playground and purposes of light and air.

Primary School 82. Seventieth street and First avenue. By the erection of the new building recommended, on the ground owned by the Board of Education, Sixty-sixth street and Sixty-seventh street, east of First avenue (150 feet by 200 feet), the eight part-time classes in this school could be done away with.

District No. 14.

Item I.—A building of forty-eight rooms. The site, Fifty-ninth street and Tenth avenue, purchased for a high school, might serve the purpose. I should prefer, however, a site on the same block with the High School of Commerce, on West Sixty-fifth street.

Primary School 69. No. 125 West Fifty-fourth street. Two lots in the rear of this building should be purchased, for the purpose of erecting an addition of eight rooms.

Item II.—None.

Item III.—None.

Items I. and IV.—Primary School 84. No. 430 West Fiftieth street. The City owns a strip of land on West Forty-ninth street, at the rear of this school, 50 by 100 feet, and the two houses on the land. As additional school accommodations are needed in this vicinity these buildings should be vacated and twelve rooms fitted up for school purposes as soon as possible, the large room on the ground floor of the school building, now used for storage purposes, fitted up for a primary class, an office for the Principal of the Primary Department fitted up on the northwest corner of the second floor, and the sanitary accommodations and playgrounds for the school enlarged. These changes have been under consideration by the school authorities for some time. They are greatly needed.

District No. 15.

Item I.—Plot Nos. 305-321 East Eighty-second street (150 by 200 feet). A building should be erected on this plot for the accommodation of pupils of the first three years of the course. It should contain about forty classrooms. The new building would relieve the crowded condition of the schools north and south of this location, and also provide accommodations for new pupils.

Item V.—Primary School 6. Madison avenue and Eighty-fifth street. The lot, 51 by 102 feet, on East Eighty-sixth street, in the rear of Primary School 6, was purchased several years ago by the Board of Education, to afford light and air to this school. As the present playground is small and inadequate, the vacant lot should be fitted up as a playground.

Primary School 53. No. 207 East Seventy-ninth street. Premises No. 208 East Eightieth street (25 by 102 feet), in the rear of this school, owned by the Board of Education, are adjoining; and in the rear of this school building an annex on Eightieth street is now in use, adjoining the above-named premises, having twelve grammar classes. A building of at least eighteen classrooms on this lot is greatly needed to relieve the present Primary School 53 in the Grammar Department, of which nearly all of the classes have between fifty and sixty members. The rooms are indifferently lighted and ventilated.

Primary School 96. Eighty-first street and Avenue A. The property on the southeast corner of Eighty-second street and Avenue A should be acquired, and an extension to the present school building of twelve classrooms erected thereon, utilizing, also, the lots 37 feet front on Eighty-second street, now owned by the Board of Education, and converting the remainder into a playground, thus assuring light and air to the premises.

Primary School 158. Avenue A, between Seventy-seventh street and Seventy-eighth street. The strip of land, 20 by 25 feet front, on Seventy-seventh street and Seventy-eighth street and running through the block, adjoining school premises on the east, should be acquired without delay. There is danger that the land in question will be built upon with tall tenement houses. If this is done the school will suffer greatly by reason of the cutting off of the light and air from the school premises. An iron spiked fence should be built upon the coping of the easterly brick wall of the yard between the north and south wings of the school building. This is to prevent depredations upon school premises from adjacent lots where surface is as high as the wall.

District No. 16.

Item I.—None.

Item II.—Public School 150. Nos. 306-318 East Ninety-sixth street. The school occupies three detached buildings, poorly adapted for school purposes. There are 30 classes, with a register of 1,270 pupils. A number of the rooms are badly lighted and ventilated. A site should be purchased in the immediate neighborhood and a building containing 48 classrooms should be erected as soon as practicable.

Public School 151. Ninety-first street and First avenue. The purchase of two city lots on the westerly side of the school will be a wise provision for light and air.

District No. 17.

Item I.—None.

Item II.—Public School 83. 216 East One Hundred and Tenth street. This building fronts on One Hundred and Tenth street. Two lots in the rear fronting on One Hundred and Ninth street were purchased a few years ago and extensive waterclosets were built upon them. A leased building on the north side of One Hundred and Tenth street accommodates six grammar classes. The lease expires August 1, 1902. It must be renewed, although the building is ill adapted for school purposes. The remedy for most of the evils of this school is the purchase of two additional lots, one on each side of the lots in One Hundred and Ninth street, now owned by the Board of Education, and the erection of a building of at least twelve rooms.

Public School 121. 227 East One Hundred and Second street. The Board of Education owns two lots in the rear fronting on One Hundred and Third street. These should be fitted up as a playground immediately.

District No. 18.

All the schools in this district, with the exception of Public School 54, are comparatively new and in a very satisfactory condition.

Item IV.—Public School 9. West End avenue, corner Eighty-second street. This building is in good condition. The lot on the north side of the building should be purchased by the City in order to insure light from that side and to increase the playground accommodations. It would be unfortunate for this building to have a tall building erected on this lot, as one is likely to be in the near future, unless this purchase is made.

Public School 54. Amsterdam avenue and One Hundred and Fourth street. The desks formerly occupied by boys should be thoroughly scraped and dressed, and the hallways painted. Nothing has been done to improve this building since the boys' grammar department left it for Public School 165.

Truant School. 215 East Twenty-first street. It is recommended that two lots on the east side of the Manhattan Truant School, on Twenty-first street, be purchased for yard room and for the erection of an additional building of at least 8 rooms, so as to increase the capacity of the Truant School to at least 125.

THIRD DIVISION.

District No. 19.

Item I.—No recommendation.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—No recommendation.

Item V.—No recommendation.

District No. 20.

Item I.—No recommendation.

Item II.—No recommendation.

Item III.—Public School 163. This building should be abandoned, and a new school of from 28 to 36 classrooms built in its stead, on a new site.

Item IV.—No recommendation.

Item V.—No recommendation.

District No. 21.

Item I.—No recommendation.

Item II.—Public School 89. A building of about sixteen rooms to take the place of rented annexes.

Item III.—No recommendation.

Item IV.—No recommendation.

Item V.—No recommendation.

District No. 22.

Item I.—No recommendation.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—No recommendation.

Item V.—Public School 46. A lot on the south should be purchased.

District No. 23.

Item I.—Public School 156. An addition of at least twenty rooms is required. The new building already recommended should be so located as to do away with the rented building now occupied by No. 143.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—No recommendation.

Item V.—No recommendation.

District No. 24.

Item I.—No recommendation.

Item II.—A four-room building to take the place of the annex (rented) in Springhurst.

Item III.—Public School 145. The forty-eight room building with which it is proposed to replace the three old annexes should be proceeded with at once.

Item IV.—Public School 62. The door of Room 3 on the first floor should be shifted to cut off draught.

In Room 2 of the annex (formerly the gymnasium) more light and ventilation are needed.

Room 23 needs more ventilation.

The rear room on the store floor of the annex, at the southeast corner of Courtlandt avenue and One Hundred and Fifty-seventh street needs more light and ventilation.

Item V.—Public School 133. The four lots adjoining should be purchased.

District No. 25.

Item I.—Public School 155. An addition of eighteen or twenty classrooms should be made to this building.

Item II.—No recommendation.

Item III.—Public School 91. The annex should be abandoned, and replaced by a structure of at least eight rooms on the plot owned by the City.

Public School 65. This building is unsuitable and is overcrowded, having four classes on part time. It should be replaced by a suitable structure, containing about twenty-eight classrooms.

Item IV.—Public School 61. An additional staircase is needed from the boys' outer yard to the yard under the new building, present facilities for egress being insufficient.

Item V.—Public School 61. Two lots on Third avenue north of the school should be acquired for additional yard space.

District No. 26.

Item I.—Public School 100. A new building of sixteen rooms, afterward to be increased, at Van Nest.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—Public School No. 101. The waterclosets in this school should be re-modeled.

Public School 138. Sanitary wardrobes should be constructed in this school.

Public School 173. Application should be made to the Borough President for the speedy construction of a sewer.

Item V.—No recommendation.

SIXTH DIVISION.

District No. 41.

Item I.—No recommendation.

Item II.—Public School 1. Five lots adjacent to the site of Public School No. 1 should be acquired, the same fronting on Van Alst avenue and Tenth street, Long Island City. Upon this additional site should be located an addition to said building containing twenty-two rooms, including two kindergarten rooms, teachers' room and library. This would permit the temporary partitions to be removed from the assembly room and would permit the removal of temporary partitions in the rooms upon the Ninth street side. It would also permit the present annex (Grace M. E. Church) to be vacated, the latter building being poorly adapted to school purposes, and, in my judgment unfit for continued school use. This addition would also complete the architectural plan of the building.

Public School 4. I recommend the acquisition of additional land at the rear of this building, land fronting on Crescent street. At present there are three rented annexes to this school, one of which is a frame building, the second an old church, and the third a brick block containing stores and flats. None of these annexes is well adapted to school purposes, all are in very poor sanitary condition, and, in my judgment, are unfit for continued use. Upon this additional site a 20-room addition to the present building should be erected.

Item III.—Public School 3. I recommend the construction of a building of 8 classrooms to take the place of No. 3. The present building is unsafe, unsanitary and unfit for use.

Item IV.—No recommendation.

Item V.—No recommendation.

District No. 42.

Item I.—Public School 19. An addition should be constructed to this school to contain 8 classrooms, including an assembly room, upon the eastern portion of the site now owned by the City, to accommodate the children of a rapidly increasing population.

Item II.—Public School 6. I recommend the acquisition of land on the south side of Public School 6, fronting on Ninth avenue, of width sufficient for the removal of the present old part, for the erection of a 24-room addition to this building. This would enable us to vacate the rented annex, and also the old part of the building, which is unfit for school purposes, and the assembly room, now divided by temporary partitions, into classrooms. The assembly room is insufficiently lighted. The community is rapidly growing and this additional capacity will be needed within two years. At present six classes are accommodated in the rented annex and four in the old part of the building.

Item III.—No recommendation.

Item IV.—No recommendation.

Item V.—Public School 5. I recommend the continuance of proceedings to acquire a strip of land fifty feet wide upon the south side of this building, for the purpose of furnishing light and air. The plot of ground upon which this building is located is quite narrow and the new building was located near to the south side of the original plot in contemplation of the subsequent acquisition of this strip of land. This piece of land, fifty feet wide, is necessary to insure light and air in this school.

Public School 78. I recommend the continuance of proceedings to acquire two lots, one on either corner, adjacent to the site of this building. The plot upon which this building is located is quite small and somewhat irregular in shape, and should be completed by these two corner lots.

Public School 16. Ground should be acquired in the rear of this building, at least 25 feet in width, to insure proper light and air.

District No. 43.

Item I.—No recommendation.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—Public School 47. I recommend such complete sanitary reconstruction in the basement of this building as will remedy the present unsanitary conditions of the closets.

Item V.—Public School 20. I recommend the continuance of proceedings to acquire the addition to the site of Public School 20. This land is needed for the completion of fire-escapes upon the east end of the building, as required by law, for insuring light and air.

District No. 44.

Item I.—No recommendation.

Item II.—No recommendation.

Item III.—No recommendation.

Item IV.—No recommendation.

Item V.—Public School 67. I recommend the continuance of proceedings to acquire land in the rear of this building for insuring light and air. The building at present is within three feet of the northern boundary of the plot and at least two lots, viz., a piece of land 50 feet wide, should be acquired immediately north of the present site.

Summary of Recommendations of the City Superintendent of Schools of March 31 and April 7, Arranged by Boroughs, Showing the Following Items:

No. 1.—Additional buildings needed to accommodate children in part-time classes and children awaiting admission.

No. 2.—Buildings to take the place of buildings now rented.

No. 3.—Buildings needed to take the place of school buildings which are unfit for school use.

No. 5.—Buildings or ground that should be purchased to secure a proper supply of light and air.

Item No. 4.—Structural changes in buildings needed for sanitary reasons is omitted from this summary owing to the great number of such recommendations.

	—Item No. 1— No. of Build- ings.		—Item No. 2— No. of Class- rooms.		—Item No. 3— No. of Build- ings.		Item No. 5. No. of Pieces of Prop- erty.	
Manhattan	25	652	4	92	8	280	24	
Brooklyn	7	184	1	16	4	112	9	
Queens	1	8	3	66	1	8	7	
Richmond	4	22	2	10	1	8	0	
Bronx	2	40	2	20	2	36	2	
Total	39	906	12	204	16	444	42	

The above is exclusive of the addition to the Manhattan Truant School, Brooklyn Truant School, the Brooklyn Training School for Teachers, and the proposed Technical High School for Manhattan.

Respectfully submitted,

WILLIAM H. MAXWELL, City Superintendent of Schools.

The foregoing reports deal with the actual needs of the school system in comprehensive detail. Your committees are of the opinion that all the sites, buildings and improvements recommended by the City Superintendent are necessary; but, while some are doubtless more urgent than others, we do not feel prepared at the present moment, owing to lack of time, to state specifically those which are most important.

We recommend, therefore, that the reports of the City Superintendent, as a whole, be presented to the Board of Estimate and Apportionment, and that said Board be requested to authorize the issue of bonds to the amount of \$4,250,000 (as set forth in the report of March 5, 1902), or as much more as the financial condition of the City will permit; this sum to be considered as "on account," and to be expended by the Board of Education for such sites, buildings, etc., as may be deemed most necessary when the funds are made available.

An important point to be borne in mind is that the erection of a number of the buildings hereinbefore mentioned will permit the Board of Education to abandon several old buildings, practically unfit for occupancy. Such buildings and the sites they occupy may then be sold and the proceeds reckoned as an offset to the large expenditures now proposed, or used for the erection of schoolhouses required in the future.

Furthermore, the policy laid down in this report will result in the giving up of a number of hired buildings, the rents of which are greatly disproportionate to the number of children accommodated. On this point reference may be made to the last annual report of the Board of Education, which pointed out that the amount asked in the Budget for 1901 for renting buildings for school purposes, \$127,363.34, was practically equivalent to the interest, at 3 per cent., on \$4,250,000—exactly the sum required to keep abreast of the annual increase in school population, as stated in the report of March 5, 1902, already mentioned.

It may be added that the figures given below are based, as respects buildings, upon the lower average cost of schoolhouses per classroom in the several boroughs for the last few months. As respects sites, only a rough approximation of the cost has been attempted; anything approaching accurate figures is impossible until the actual location of sites required has been determined. As perhaps a fair basis, we have allowed for sites 25 per cent. of the estimated cost of buildings, although well

aware that in densely populated sections this is far too small, while in sparsely settled districts it is far too liberal.

Approximately the recommendations embodied in this report will involve an outlay of \$2,224,750 for sites, and \$8,899,000 for buildings, distributed among the boroughs, as follows:

Borough.	Classrooms.	Estimate for Buildings.	Estimate for Sites.
Manhattan	1,032	\$6,037,200 00	\$1,509,300 00
The Bronx	96	561,600 00	140,400 00
Brooklyn	312	1,653,600 00	413,400 00
Queens	82	434,600 00	108,650 00
Richmond	40	212,000 00	53,000 00
Total	1,562	\$8,899,000 00	\$2,224,750 00
Total estimated amount required.....			\$11,123,750 00
Amount asked for in report of March 5, 1902.....			5,133,117 50
Grand total required.....			\$16,256,867 50

The following resolutions are submitted for adoption:

Resolved, That the Board of Estimate and Apportionment be and it is hereby requested to authorize (in addition to the amount of \$5,133,117.50 requested by the Board of Education in the report adopted March 5, 1902), the issue of bonds to the amount of four million two hundred and fifty thousand dollars (\$4,250,000) (making together \$9,383,117.50), or as much more as the financial condition of the City will warrant; said amount to be expended by the Board of Education to supply the most pressing needs of the school system in the matter of sites, buildings and other improvements, as set forth in the foregoing report.

Resolved, That the Board of Estimate and Apportionment be and it is hereby urgently requested to act immediately, under the provisions of section 169 of the amended Charter, and authorize the issue of Corporate Stock to the amount of three million five hundred thousand dollars (\$3,500,000), to the end that the Board of Education may proceed at once with the erection of buildings and the acquisition of sites declared in the report adopted by this Board on March 5, 1902, to be absolutely necessary to make good existing deficiencies in school accommodations.

WILLIAM LUMMIS,
THEO. E. THOMSON,
M. J. KENNEDY,
JNO. P. KELLY,
RICH. H. ADAMS,
Committee on Buildings.
WM. HARKNESS,
JAMES WEIR, JR.,
A. S. FRISSELL,
NICHOLAS J. BARRETT,
JNO. P. KELLY,
Committee on Sites.

A true copy of report and resolutions adopted by the Board of Education April 3, 1902.

A. EMERSON PALMER, Secretary, Board of Education.

While our two reports show the entire needs of the system to require at least the sum of \$16,256,867.50, we only ask appropriations amounting to \$9,383,117.50, and inasmuch as we have not sites enough in hand to permit the immediate expenditure of all this latter amount, we will actually need for the present a smaller sum, which may be reduced still more by deferring until the first of next year the contracts for part of the equipment of the new buildings.

Superintendent Snyder thus estimates that we can make contracts now upon sites now owned by the city for—

Manhattan, classrooms.....	424
The Bronx, classrooms.....	140
Brooklyn, classrooms.....	56
Queens, classrooms.....	78
Richmond, classrooms.....	6
Total, classrooms.....	704

Sittings	31,680
Cost	\$3,576,800 00

We also require at once:

1. Contracts for equipments of new school buildings now under construction.....	\$213,700 00
2. To complete equipment for High Schools, Manhattan and The Bronx.....	286,020 00
3. Contract for DeWitt Clinton High School.....	548,184 00
4. Contract for Brooklyn Manual Training High School..	462,000 00
Total	\$1,509,904 00
Total	\$5,086,704 00

We require, however, at once a considerable appropriation for the purchase of new sites, so that proceedings may be begun at once for their acquirement, that they may be owned by the City by the first of next year, when we will require further bond appropriations. In our report of March 5, 1902, we ask for eight new sites (five in Brooklyn)

Also, sites not specified.....	1,500,000 00
Total	\$7,286,704 00

This, in my opinion, is the least possible amount which should be granted at the present time, and it should be granted at once in order that there may be no delay in letting the contracts.

There are buildings now under construction which will provide.....	25,604 sittings.
The 704 classrooms to be provided as above will give.....	31,680 sittings.
Total	57,284 sittings.

The total number of classrooms needed, as reported by the City Superintendent, is 1,562—70,290 sittings, which, added to the 25,604 now under construction as above, makes a grand total of 95,894.

From this, however, will be deducted the sittings of the old buildings which are to be abandoned, as per report of April 5.....	11,205 sittings.
And the hired buildings to be surrendered.....	9,630 sittings.
Total to be abandoned.....	20,835 sittings.

The net number of new sittings, therefore, will be.....	95,894
Less	20,835
Net number	75,059

The sale of the old buildings abandoned will yield, perhaps, \$865,000 toward the reduction of the bond issue, while the rents of all our hired buildings (fifty-eight, giving 388 classrooms or 17,460 sittings, rent \$122,570), would pay the interest at 3 per cent. on \$4,000,000 of the City Debt, which would provide new buildings seating 32,715 children, or nearly twice the number.

The reduction of rents by the expenditure of \$9,383,117.50, the sum we now ask for, will be \$35,200 or 3 per cent. on \$1,800,000 bonds.

The Committee on Buildings has very carefully considered the question of the cost of school buildings. These are now required to be fireproof with individual sittings and with ample heating and ventilating apparatus and electrical equipment.

The cost differs in the various boroughs, being \$500 less per classroom in Brooklyn and Queens. By using the upper story for classrooms in Manhattan and The Bronx, and placing the manual training and physical exercise classes on the ground floor, the cost per classroom in these boroughs has been reduced more than \$500 under this plan.

The estimated cost per classroom, complete:

In Manhattan now is.....\$5,800 in place of \$6,352
In Brooklyn now is.....\$5,300, in place of \$6,000 to \$7,000

An average of 45 children is computed for a classroom.

In respect to ornamentation, the school buildings are now of a dignified character and the outlay for ornamenting is very moderate, being less than 3 per cent. of the cost. The cost per cubic foot of our buildings runs from 16 to 18 cents, whereas ten years ago, when the buildings were not required to be of fireproof construction, the cost in Manhattan was 19½ cents and even higher.

It must be borne in mind that the growth of the School Department is continuous, viz., at the rate of about 25,000 new sittings every year. Every new school building adds, for its maintenance, a large sum to the annual Budget. Therefore, the erection of new buildings will necessitate an increase in the demands of this Department from year to year.

But there is no other Department of the City which has such a direct and important bearing upon the happiness and prosperity of every citizen, and towards the generous support of which the taxpayers more willingly contribute.

President Burlingham will bear me out in saying that the present Board of Education and its Committees, will, on their part, endeavor to administer as wisely as possible the funds with which you are asked to provide them, viz., either \$9,383,117.50, or at the very least the sum of \$6,786,704. A larger appropriation than the last named sum will enable us to acquire a greater number of the sites recommended in the City Superintendent's report, so as to be ready for the erection of the buildings by the beginning of the year.

DEPARTMENT OF DOCKS AND FERRIES,
PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER,
NEW YORK, March 18, 1902.

Hon. EDWARD M. GROUT, Comptroller:

SIR—In accordance with the request contained in your favor of the 5th instant, I beg to submit herewith an estimate of the requirements of this Department, to be met by the issue of Corporate Stock, during the year 1902, and will thank you to have it acted upon by the Board of Estimate and Apportionment and Sinking Fund Commission as speedily as possible.

It is well to direct attention to the fact that the Department of Docks and Ferries does not, and has not since it was organized in 1870, received any portion of the moneys raised by general taxation, its expenses being paid from the issue of Corporate Stock, and differs in this respect from other departments, a portion at least of the expenses of which are met from such source. The Department of Docks, therefore, is not to be considered, so far as the issue of Corporate Stock is concerned, on a par with other Departments which receive help from the tax levy. The revenues of the Department from dock and slip and ferry rentals paid into the Sinking Funds, exceed by about \$2,000,000 the amount of stock and bonds issued for dock purposes since the formation of the Department, including the premium obtained from the sale of such stocks and bonds. Every dollar expended by the City in the acquisition and improvement of wharf property may be said to have produced two, as shown by the increased income and the present value of the City's water front through the operations of the Department, and which is set forth in the message of his Honor the Mayor to the Board of Aldermen under date of March 4.

Viewed solely as a business proposition, the issue of stock for the purchase and improvement of the water front is, therefore, the best possible investment the City could make, but there are weightier reasons why the necessary funds for carrying on the work of the Department should be forthcoming, namely, the great and growing need of additional wharfage facilities, and the duty of the City to encourage commerce by providing ample accommodations for the shipping interests of the port.

It is important that the improvement between Bloomfield and Twenty-third streets, North river, be pushed forward as rapidly as possible, as there is great demand for dockage accommodations in this section. The only difficulty I anticipate will be in determining to whom the piers should be allotted to best serve the interests of the City.

The estimated value of the wharf property being condemned is obtained by increasing the assessed value two and one-half times, which is the method employed in the Corporation Counsel's office, as shown by the following extract from letter of former Corporation Counsel Whalen to ex-Mayor Van Wyck, under date of February 11, 1901, in relation to property being condemned for dock purposes:

"It has been found by experience that the assessed valuations correspond to about forty per cent. of the awards made by Commissioners. I do not mean to say, of course, that in each case the assessed valuation on a particular piece of property is forty per cent. of the award therefor, but taking the property as a class, this proportion is near enough for all practical purposes."

I am informed that the Assistant Corporation Counsel in charge of condemnation proceedings for this Department expects that awards for four of the parcels named below, viz.: Bloomfield and Little West Twelfth streets, and Little West Twelfth and Thirteenth streets, North river, and Piers old 12 and 15, East river, will probably be confirmed before the summer vacations. The estimated value of these four parcels is \$2,450,000.

Following is a statement showing the expenditures the Department will probably be called upon to meet during the year 1902:

Wharf property being acquired through condemnation proceedings, for which the Department will be required to pay during the present year:
Block between Bloomfield and Little West Twelfth streets,

	Assessed Value.	Estimated Value.
North river	\$548,000 00	\$1,370,000 00
Block between Little West Twelfth and Thirteenth streets, North river	385,000 00	962,500 00
Block between Thirteenth and Fourteenth streets, North river	570,000 00	1,425,000 00
One-half of Pier old 12, East river.....	20,500 00	51,250 00
One-half of Pier old 15, East river.....	27,500 00	68,750 00
Bulkhead between Eighteenth and Twentieth streets, including Pier at East Nineteenth street, East river....	95,000 00	237,500 00
Total estimated value.....		\$4,115,000 00
Contracts prepared for work and supplies, but not yet issued (estimated)	\$265,000 00	
Monthly payrolls to December 31, 1902 (estimated).....	220,000 00	
Weekly payrolls to December 31, 1902 (estimated).....	800,000 00	
		1,285,000 00

The Department will probably come into possession before summer of the two blocks between Bloomfield and Thirteenth streets, North river, and later of the block between Thirteenth and Fourteenth streets. Within this area, work has already been commenced, and the excavation of the block between Little West Twelfth and Thirteenth streets is now under way. Further work at that locality to conform to the plans adopted for the improvement of this section will necessitate an expenditure during the present year for dredging, building bulkhead wall and construction of three and one-half piers, estimated at.....\$720,000 00

In addition to the above estimated expenditures, the Department contemplates securing the necessary authority to enable the City to take possession of and improve, in accordance with the new plan, approved by the Commissioners of the Sinking Fund, the section of water front between Fourteenth and Twenty-third

streets, North river, and, in order to progress with this improvement on the lines laid down, the Department will probably require for use, during the balance of the year, the further sum of.. 2,000,000 00

Making the estimated amount required for the year 1902.....\$8,120,000 00

I beg therefore to ask for the issue of \$8,120,000 of Corporate Stock for the purpose of this Department for the year 1902.

In a communication previously sent to the Sinking Fund, I explained the necessity for obtaining the consent of the Board of Aldermen to authorize the issue of Corporate Stock in excess of \$5,000,000, in accordance with the provisions of section 180 of the amended Charter.

Yours respectfully,
McDOUGALL HAWKES, Commissioner.

BOARD OF RAPID TRANSIT RAILROAD COMMISSIONERS,
No. 320 BROADWAY, NEW YORK,
March 15, 1902.

Hon. EDWARD M. GROUT, Comptroller, City:

SIR—President Orr directs me to reply to your communication of the 5th instant, in which you request a statement of the requirements of this Department during the year 1902, to be met by the issue of corporate stock, that there will be required for the construction of the Manhattan-Bronx Rapid Transit Railroad during the current year in all fifteen million dollars (\$15,000,000); and if the Brooklyn-Manhattan contract is let by June 1 there may be needed for that work one million, five hundred thousand (\$1,500,000) dollars.

Yours respectfully,
BION L. BURROWS, Secretary.

AQUEDUCT COMMISSIONER'S OFFICE,
STEWART BUILDING, 280 BROADWAY,
NEW YORK, March 18, 1902.

Hon. EDWARD M. GROUT, Comptroller:

DEAR SIR—Following out the suggestions contained in your circular letter of the 5th instant and in accordance with the conversation between yourself and the Aqueduct Commissioners at their last stated meeting upon the subject, I submit the following statement of the bond issue necessary to properly conduct the work of this Commission for the year 1902:

Total amount required for 1902.....	\$2,538,143 00
Expenditures January and February, 1902.....	\$131,772 00
Balance on hand March 1, 1902, from bonds sold.....	307,710 00
	439,482 00
Bonds required for balance of year, 1902.....	2,098,661 00
Bonds unsold of requisition of November 19, 1901.....	1,610,000 00
In addition to bonds yet unsold of requisition of November 19, 1901, will need bonds to the amount of.....	488,661 00

In other words, in addition to the bonds \$1,610,000 yet to be sold from requisition of November 19, 1901, will require about \$500,000.

While there is no basis upon which we can accurately fix the sum likely to be expended for condemnation proceedings (over which the Aqueduct Commissioners have no control and for which they make no certification), we have estimated the sum of \$608,000, which will probably cover it, which sum of \$608,000 is included in the total amount required for 1902.

Very respectfully,
HARRY W. WALKER, Secretary.
F. H. W.

THE COLLEGE OF THE CITY OF NEW YORK,
OFFICE OF THE CHAIRMAN OF THE BOARD OF TRUSTEES,
NEW YORK, April 17, 1902.

Resolved, That, subject to the approval of the Board of Estimate and Apportionment, the sum of two million one hundred and fifty thousand dollars (\$2,150,000) be and the same is hereby appropriated from the proceeds of Corporate Stock, to be issued by the Comptroller, pursuant to chapter 168 of the Laws of 1895, application for the issue of which is hereby made; said sum to be applied on account of the contract or contracts to be entered into by the Board of Trustees of the College of The City of New York, incidental to the erection of college buildings and appurtenances at the site located at One Hundred and Thirty-eighth and One Hundred and Fortieth streets, Amsterdam avenue and St. Nicholas terrace, Borough of Manhattan; also on account of such remuneration as may be due or to grow due to the architect, surveyors et al., incidental to the preparation of the plans and the erection of said buildings. Requisition for said sum of two million one hundred and fifty thousand dollars (\$2,150,000) being hereby made upon the Comptroller.

A true copy of a resolution adopted by the Board of Trustees of the College of The City of New York on April 16, 1902.

EDWARD LAUTERBACH, Chairman, Board of Trustees.
NEW YORK, April 17, 1902.

To the Board of Estimate and Apportionment:

GENTLEMEN—The Board of Trustees of the College of The City of New York respectfully represents: That the record made by the college and by its alumni since 1848, when, under the title of the New York Free Academy, its work was begun, can, without vainglory, be justly said to have fully justified the highest hopes which were entertained by the people of The City of New York, in obedience to whose vote and direction the institution was organized, and of the public-spirited men led by Townsend Harris, under whose guidance and auspices the plan for its creation and the important scheme which has enabled the graduates of the Grammar Schools and others to have the benefit of a free, unsectarian and liberal collegiate education, was brought to successful accomplishment.

Not arrogating to itself the attributes of a university, but content with affording a thorough collegiate training, the college soon became and has continued to be distinguished for the perfection of its curriculum, especially in its mathematical and classical features, as well as for the practical character and satisfactory results of its methods of instruction, with the result that it has attracted to itself a steadily increasing number of the graduates of the common schools and of others qualified to comply with its rather stringent conditions for admission, so that now its seven classes, consisting of three sub-freshman and four of the higher grade, has an attendance of some two thousand three hundred pupils, about evenly divided between the sub-freshmen classes and those of the usual collegiate rank.

Accommodations for these young men have not increased save by the temporary makeshift of leases of inadequate and ill-adapted portions of adjacent buildings since the erection of the Free Academy in 1848, and the classes are now distributed, to their disadvantage, in three buildings other than the college proper, and are compelled to pursue their tasks under conditions as adverse as can be conceived of, and yet, at great expense, the leases of these additional classrooms requiring the payment of not less than twenty-six thousand five hundred dollars (\$26,500) per annum. This inadequacy and the danger attendant upon the use of the antiquated and insufficient college building have been fully appreciated, the Legislature, with the approval of the Municipality, having, in 1895, passed an act, chapter 168 of the laws of that year, providing for the acquisition of lands upon which to erect a new college.

Under the provisions of this act a site, well adapted for the purpose, has been acquired, after a long period of delay occasioned partly by condemnation proceedings, and the title thereto has become fully vested in the City within the past few months. Bonds have been issued from time to time to the extent of more than six hundred thousand dollars (\$600,000), for this purpose by the City, and the burden of interest upon them has been borne for some years without any corresponding advantage to the institution.

The delay which has brought about this unsatisfactory result seems to have been unavoidable, but was terminated as soon as it was possible to do so.

The Legislature at this session has provided for the further acquisition of a small plot of ground, which, by inadvertence, was not included in the original map filed under the terms of the statute, and which would, if not acquired, intervene between the southerly boundary of the property and the St. Nicholas Park, placing the college in some jeopardy should it not be purchased. But no further delay need

take place on this account, since, while the acquisition of that plot is important, it is not vital, as it will not form part of the plot upon which the building itself is to be erected.

Pending the acquisition of the land our predecessors in office had engaged the services of Mr. George B. Post, as the result of a competitive exhibition of plans, as the architect to whose care the erection of the buildings was to be entrusted, and long since those plans were perfected. They were modified from time to time, and in their modified form were submitted to the present Board of Trustees, who, moved by a sense of economy and for other reasons, caused substantial changes to be made, which have resulted in the adoption of plans by the Board of Trustees, which are herewith submitted.

Those plans contemplate a separation of the college building proper from the building to be occupied by the sub-freshman classes, of separate buildings for the Department of Mechanical Arts and the Department of Chemistry.

The Trustees have caused specifications to be prepared, based upon these plans, upon which an estimate has been made by the architect, after thorough investigation, and the total expenditure, irrespective of grading, which cannot be estimated at present, will be about two million one hundred and fifty thousand dollars (\$2,150,000), including the outlay for a gymnasium building. The main building will accommodate about fifteen hundred pupils, and the sub-freshmen building a like number, a capacity which will probably enable the Board of Trustees to respond to the increased demands which will undoubtedly be made upon it, since the college in its new location and with adequate facilities will not only be sought by a greater number of the graduates of the high schools of the Borough of Manhattan than heretofore, but also doubtless by graduates of the common schools and the high schools of the other boroughs.

The Board feels justified in asking that an appropriation of this amount be made, especially since the statute referred to provides that when the college shall have been completed, the present structure shall be sold and its proceeds go to the Sinking Fund.

The estimated value of the land upon which the present college is located is about seven hundred and fifty thousand dollars (\$750,000).

We respectfully petition, pursuant to a resolution unanimously adopted by this Board, at a special meeting called for the purpose of considering this question, on April 16, 1902, for an appropriation of two million one hundred and fifty thousand dollars (\$2,150,000) of Corporate Stock, said sum to be applied on account of the contract or contracts to be entered into by the Board of Trustees of the college in connection with the erection of the college buildings, that your Honorable Body appropriate said amount.

Respectfully submitted,
EDWARD LAUTERBACH, Chairman Board of Trustees.

BOARD FOR THE ATLANTIC AVENUE IMPROVEMENT.
ROOM 1106 TEMPLE BAR, 44 COURT STREET,
BROOKLYN, April 9, 1902.

Hon. EDWARD M. GROUT, Esq., Comptroller of The City of New York:

DEAR SIR—In reply to your inquiry, made through Mr. Creuzbaur, I wish to say that, as previously communicated, the probable amount of expenditures on account of this improvement which the City will have to meet up to December 31, 1902, is estimated at \$975,000. Between that date and July 1, 1903, the City's share will probably amount to \$200,000, and between July 1 and December 31, 1903, the balance of the City's share of \$175,000 will be expended.

Yours truly,
WALTER M. MESEROLE, General Superintendent.

CITY OF NEW YORK—DEPARTMENT OF TAXES AND ASSESSMENTS,
STEWART BUILDING, 280 BROADWAY,
April 10, 1902.

Hon. EDWARD M. GROUT, Comptroller of The City of New York:

DEAR SIR—In response to your request for an estimate of the contemplated outlay of bond issue for the use of the Department of Taxes and Assessments for 1902 I beg leave to submit the following:

On October 30, 1901, by a resolution of the Board of Taxes and Assessments, and on November of the same year, a concurrent resolution by the Board of Estimate and Apportionment, twenty thousand dollars (\$20,000) was appropriated for the preparation of block index tax maps, in accordance with the provisions of chapter 542 of the Laws of 1892.

In addition to this \$20,000 it is estimated that a further issue of \$1,700 will be required to prosecute this very necessary work through the year 1902.

Yours truly,
JAMES L. WELLS, President.

Which was ordered printed in the Minutes.

The Comptroller offered the following:

Resolved, That, pursuant to the provisions of section 169 of the amended Greater New York Charter, as amended by the Laws of 1902, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue Corporate Stock of The City of New York, in the manner provided by said section 169, to the amount of three million dollars (\$3,000,000), the proceeds whereof shall be applied to the repaving of streets in The City of New York, as follows:

In the Borough of Manhattan.....	\$1,200,000 00
In the Borough of Brooklyn.....	1,200,000 00
In the Borough of The Bronx.....	300,000 00
In the Borough of Queens.....	200,000 00
In the Borough of Richmond.....	100,000 00

Which was adopted by the following vote:

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

The Comptroller offered the following:

Resolved, That, pursuant to the provisions of section 47 of the amended Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of Corporate Stock to an amount not exceeding three million dollars (\$3,000,000) for the purpose of providing means for the construction, equipment and improvement of school buildings and additions thereto, and the acquisition of sites therefor in The City of New York, and that when authority therefor shall have been obtained from the Board of Aldermen the Comptroller is authorized to issue Corporate Stock of The City of New York, in the manner provided by section 169 of the amended Greater New York Charter, to an amount not exceeding three million dollars (\$3,000,000), the proceeds whereof shall be applied to the purposes aforesaid.

Which was adopted by the following vote:

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

The Comptroller offered the following:

Resolved, That pursuant to the provisions of section 169 of the amended Greater New York Charter, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue Corporate Stock of The City of New York, in the manner provided by said section 169, to the amount of one hundred and fifty thousand dollars

(\$150,000), the proceeds whereof shall be applied to the improvement of the various parks, parkways and drives in The City of New York, as follows:

In the boroughs of Manhattan and Richmond.....	\$50,000 00
In the boroughs of Brooklyn and Queens.....	50,000 00
In the Borough of The Bronx.....	50,000 00

Which was adopted by the following vote:

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

The Comptroller offered the following:

Resolved, That pursuant to the provisions of chapter 499 of the Laws of 1897, as amended, and sections 169 and 170 of the amended Greater New York Charter, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue Corporate Stock of The City of New York, in the manner provided by section 169 of the amended Greater New York Charter, to the amount of two hundred and fifty thousand dollars (\$250,000), the proceeds whereof shall be applied to the improvement of Atlantic avenue, Borough of Brooklyn.

Which was adopted by the following vote:

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

The Comptroller offered the following:

Resolved, That, pursuant to the provisions of section 47 of the amended Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of bonds to an amount not exceeding one hundred thousand dollars (\$100,000) to provide for the construction of buildings of the Department of Public Charities, and that when authority therefor shall have been obtained from the Board of Aldermen the Comptroller is authorized to issue Corporate Stock of The City of New York, in the manner provided by section 169 of the amended Greater New York Charter, to the amount of one hundred thousand dollars (\$100,000) the proceeds thereof shall be applied to the purposes aforesaid.

Which was adopted by the following vote:

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

The Comptroller offered the following:

Resolved, That, pursuant to the provisions of section 47 of the amended Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of Corporate Stock of The City of New York, to an amount not exceeding five hundred thousand dollars (\$500,000), for the purpose of providing means to pay for the construction of new buildings under the jurisdiction of the Department of Health, and that when authority therefor shall have been obtained from the Board of Aldermen the Comptroller is authorized to issue said Corporate Stock of The City of New York, in the manner provided by section 169 of the amended Greater New York Charter, to an amount not exceeding five hundred thousand dollars (\$500,000).

Which was adopted by the following vote:

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

The Comptroller offered the following:

Resolved, That, pursuant to the provisions of section 47 of the amended Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the issue of bonds to an amount not exceeding two hundred and fifty thousand dollars (\$250,000), for the purpose of providing means to pay all the necessary expenses in the development of certain portions of the grounds of the New York Zoological Society in the Bronx Park and the construction of buildings thereon, as set forth in the application of said society to the Commissioner of Parks for the Borough of The Bronx, dated March 7, 1902, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller is authorized to issue Corporate Stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding two hundred and fifty thousand dollars (\$250,000).

Which was adopted by the following vote:

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

The Comptroller offered the following:

Resolved, That, pursuant to the provisions of sections 47 and 613 of chapter 466 of the Laws of 1901 (the amended Greater New York Charter), the Board of Estimate and Apportionment hereby approves of the issue of bonds to an amount not exceeding one hundred and fifty thousand dollars (\$150,000), to provide for the construction of additional driveways and paths for the completion of the fountain in front of the Botanical Museum Building and for additional cases for the Museum of the New York Botanical Garden in Bronx Park, in accordance with the plans and communications submitted by the Commissioner of Parks for the Borough of The Bronx to the Board of Estimate and Apportionment on November 25, 1901, and that when authority therefor shall have been obtained from the Board of Aldermen the Comptroller be authorized to issue Corporate Stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, to the amount of one hundred and fifty thousand dollars (\$150,000), the proceeds whereof shall be applied to the purposes aforesaid.

Which was adopted by the following vote:

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

On motion, the Board adjourned to meet on Monday, April 21, 1902, at 2 o'clock p. m.

J. W. STEVENSON, Secretary.

METEOROLOGICAL OBSERVATORY OF THE
DEPARTMENT OF PARKS.

Central Park, The City of New York—Latitude 40 degrees 45 minutes 58 seconds N
Longitude 73 degrees 57 minutes 58 seconds W. Height of Instru-
ments above the Ground, 53 feet; above the Sea, 97 feet.

Abstract of Registers from Self-Recording Instruments for the Week Ending May
31, 1902.

BAROMETER.

DATE.	MAY.	7 A. M.	2 P. M.	9 P. M.	MEAN FOR THE DAY.	MAXIMUM.		MINIMUM.	
		Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Reduced to Freezing.	Time.	Reduced to Freezing.	Time.
Sunday,	25	29.782	29.724	29.768	29.758	29.800	9 A. M.	29.618	10 P. M.
Monday,	26	29.680	29.630	29.648	29.653	29.682	9 A. M.	29.604	5 P. M.
Tuesday,	27	29.594	29.500	29.554	29.549	29.620	0 A. M.	29.500	2 P. M.
Wednesday,	28	29.600	29.650	29.776	29.675	29.800	12 P. M.	29.540	2 A. M.
Thursday,	29	29.924	29.918	29.972	29.938	29.996	11 P. M.	29.800	0 A. M.
Friday,	30	29.970	29.954	30.120	30.015	30.158	12 P. M.	29.954	2 P. M.
Saturday,	31	30.320	30.362	30.382	30.355	30.386	12 P. M.	30.158	0 A. M.
Mean for the week		29.849 inches.							
Maximum		at 12 P. M., May 31st							
Minimum		at 2 P. M., May 27th							
Range		.886							

THERMOMETERS.

DATE.	MAY.	7 A. M.		2 P. M.		9 P. M.		MEAN.		MAXIMUM.		MINIMUM.		MAXIMUM.
		Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Wet Bulb.	In Sun.
Sunday,	25	70	69	71	71	68	67	69.6	69.0	79	1 P. M.	73	1 P. M.	65
Monday,	26	66	62	77	68	68	64	70.3	64.6	77	4 P. M.	68	2 P. M.	63
Tuesday,	27	60	59	59	57	55	50	58.0	55.3	64	4 A. M.	61	4 A. M.	50
Wednesday,	28	47	42	49	42	48	44	48.0	42.6	52	6 P. M.	47	0 A. M.	47
Thursday,	29	46	40	60	50	58	52	54.6	47.3	64	5 P. M.	52	7 P. M.	43
Friday,	30	56	51	75	65	67	64	66.0	60.0	78	5 P. M.	68	5 P. M.	52
Saturday,	31	59	52	68	58	59	55	62.0	55.0	69	3 P. M.	59	3 P. M.	55
Mean for the week		61.2 degrees												
Maximum		at 1 P. M., 25th												
Minimum		at 5 A. M., 29th												
Range		36												

WIND.

DATE.	MAY.	DIRECTION.			VELOCITY IN MILES.				FORCE IN POUNDS PER SQUARE FOOT.				
		7 A. M.	2 P. M.	9 P. M.	9 P. M. to 7 A. M.	7 A. M. to 2 P. M.	2 P. M. to 9 P. M.	Distance for the day.	7 A. M.	2 P. M.	9 P. M.	Max.	Time.
Sunday,	25	W	E	WNW	74	19	27	120	0	0	0	4 1/4	11.40 P. M.
Monday,	26	W	W	NW	72	67	54	193	1/4	1 1/4	0	10 1/2	4 P. M.
Tuesday,	27	WNW	NNW	NW	37	22	69	128	0	1/4	3/4	3 1/4	9.30 P. M.
Wednesday,	28	WNW	WNW	NW	97	90	61	248	3/4	3	0	5 1/4	1.40 P. M.
Thursday,	29	WNW	WNW	SW	62	87	66	215	1/4	1 1/2	1/4	4 1/4	0.20 P. M.
Friday,	30	WSW	WSW	NE	92	111	64	267	7/8	3 1/4	0	7 1/4	7 A. M.
Saturday,	31	ENE	SSE	SSE	40	57	46	143	1/4	1/4	0	1 1/2	2.20 P. M.
Distance traveled during the week		1,314 miles.											
Maximum force		10 1/2 pounds.											

DATE.	MAY	HYGROMETER.				CLOUDS.			RAIN AND SNOW. OZONE.				
		FORCE OF VAPOR.				RELATIVE HUMIDITY.			DEPTH OF RAIN AND SNOW IN INCHES.				
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Time of Beginning.	Time of Ending.
Sunday,	25	.695	.758	.648	.700	95	100	94	10	10	10	1 P. M.	2.15 P. M.
Monday,	26	.502	.564	.543	.506	78	61	79	2 Cir.	4 Cir.	8 Cu.	7.45 P. M.	9.45 P. M.
Tuesday,	27	.487	.439	.295	.407	94	88	63	83	10	10	0 A. M.	2.30 P. M.
Wednesday,	28	.202	.175	.236	.204	62	50	70	60	10	8 Cu.	0	0
Thursday,	29	.169	.229	.309	.235	54	44	64	54	0	3 Cir.	5 Cir.	0
Friday,	30	.308	.483	.556	.449	68	56	84	69	7 Cir.	4 Cir.	0	0
Saturday,	31	.296	.350	.380	.342	59	51	76	62	0	0	0	0
Total amount of water for the week		1.06 inches.											
Duration for the week		18 hrs. 45m.											

DATE.	MAY	7 A. M.				2 P. M.			
Sunday,	25	Calm, overcast.				Showers, lightning and thunder.			
Monday,	26	Warm, pleasant, breeze.				Warm, pleasant.			
Tuesday,	27	Calm, raining.				Mild, raining.			
Wednesday,	28	Cool, overcast.				Cool, cloudy.			
Thursday,	29	Clear, cool.				Cool, pleasant.			
Friday,	30	Pleasant, breeze.				Pleasant, breeze.			
Saturday,	31	Cool, pleasant.				Mild, pleasant.			

DANIEL DRAPER, PH. D., Director.

MUNICIPAL CIVIL SERVICE COMMISSION.

New York, June 4, 1902.

In accordance with the provisions of law, I send herewith a list of appointments, reinstatements, etc., in the various city departments:

APPOINTMENTS—DEPARTMENT OF HEALTH.

Dennis Brown, No. 381 East Eighth street, Borough of Manhattan, as a Laborer from March 29, 1902, at \$732 per annum.

Adeline Hennesy, No. 131 Ryerson street, Borough of Brooklyn, as a Seamstress, \$600 per annum, from April 2, 1902.

DEPARTMENT OF STREET CLEANING.

Franklin L. Fritschler, No. 151 Twenty-fifth street; Michael J. Marchey, No. 319 Nevins street; Antonio Delio, No. 260 Skillman avenue; Edward Boggy, No. 168 Eagle avenue; Benjamin J. Dalton, No. 157 Columbia street; John Mooney, Jr., No. 1039 Pacific street; Frank Palladino, No. 258 Skillman street; William F. Croke, No. 447 DeKalb avenue; George J. Griffin, No. 34 Garnet street; Edward J. Whalen, No. 106 North Elliott place; Dennis Conway, No. 164 Forty-second street; Mathew Dowd, No. 601 Baltic street; John Cardillo, No. 2007 Prospect place; James J. Lee, No. 179 Court street; John O'Dea, No. 212 Fourth avenue; John J. Hara, No. 135 Lawrence street; George McNamara, No. 418 Henry street; John F. Smith, No. 98 Baltic street; William F. Rawl, No. 392 Vanderbilt avenue; Thomas Farron, No. 1801 President street; Patrick J. Walton, No. 663 Degraw street; John R. Cario, No. 15 Garrison street; Joseph O'Connell, No. 25 Fifth avenue; Edward P. McGuire, No. 66 Luquer street; James Guilfoyle, No. 217 Columbia street; James Wallace, No. 550 Metropolitan avenue; Patrick B. Lynch, No. 891 Bergen street; Joseph Lambert, No. 678 Hicks street; Peter Reynolds, No. 100 Baltic street; Thomas J. Slavin, No. 232 South Fourth street; John P. Marron, No. 97 North First street; Heinrich Rackenbrandt, No. 484 Glenmore avenue; Charles Dammeyer, No. 57 Devoe street; Patrick H. Clark, No. 997 St. Marks avenue; John Ferguson, No. 78 Somers street; August Bodensack, No. 71 Talman street, all of the Borough of Brooklyn, as Drivers, from May 2, 1902.

DEPARTMENT OF CHARITIES.

Charles H. Roe, Metropolitan Hospital, from May 15, at \$360 per annum; Mary Ellen Quinn, Randall's Island Schools, all of Borough of Manhattan, as Hospital Helpers, \$240 per annum, from May 13, 1902.

DEPARTMENT OF PARKS.

Joseph B. Jones, St. Lawrence avenue, Van Nest; Fred Eisen, Lincoln street, Van Nest; William Walter, No. 117 Commonwealth avenue; Joseph F. Murray, Two Hundred and First street, Bedford Park; Hugh Conlin, Hughes avenue and One Hundred and Eighty-second street; John O'Donnell, Cambreling avenue and Pelham avenue; John Hanken, Crotona avenue and One Hundred and Eighty-third street; John Leddy, No. 2421 Arthur avenue; Joseph Metz, No. 1899 Main street; William R. Miller, Southern Boulevard, west side North One Hundred and Eighty-seventh street; Charles W. Weeks, No. 1967 Webster avenue; Charles Petri, One Hundred and Seventy-fourth street and Anthony avenue; Thomas Morgan, No. 2318 Arthur avenue; William Brown, No. 667 East One Hundred and Fifty-first street; George W. Hay, No. 721 Tremont avenue; Fred. Rappe, Westchester avenue and One Hundred and Seventy-fifth street; Carl E. Anderson, No. 721 East One Hundred and Forty-fifth street; Frank N. Babcock, No. 1982 Webster avenue; Joseph J. Burns, No. 514 East One Hundred and Eighty-first street; John W. Kennedy, No. 720 East One Hundred and Eighty-ninth street; Harry Kennedy, No. 720 East One Hundred and Eighty-ninth street; Paul Schaefer, One Hundred and Eighty-second street and Morris avenue; James Cody, No. 673 Union avenue; Elias Schwartz, No. 716 Trinity avenue; William Ward, No. 983 East One Hundred and Fifty-second street; Hugh Clark, No. 184 Beach street; James Weldon, No. 629 East One Hundred and Seventy-ninth street; James Tobin, One Hundred and Forty-first street and Trinity avenue; John G. Kempf, No. 716 East One Hundred and Sixty-fourth street; John H. Junk, No. 661 East One Hundred and Fifty-sixth street; Max H. Gaetjens, No. 2211 Belmont avenue; Samuel J. Thompson, No. 3421 Third avenue; Adison LeGrand Price, Lafayette avenue, City Island; Hector W. Hemingway, Main street, City Island; Leonard F. Bell, South Main street, City Island; David Haig, Ninth street, Williamsbridge; Frank Glasier, West Fordham avenue, City Island; William S. Hawkins, Main street, City Island; John Nowicky, Bronx terrace and Seventh street; Frank A. Wenk, Beecker avenue, Wakefield; John N. Buckley, Fulton street; Henry Trede, Matilda street and Demilt, Wakefield, all of the Borough of The Bronx, as Laborers, from May 3, 1902.

Theodore F. GeNun, No. 611 East One Hundred and Thirty-seventh street, Borough of The Bronx, as a Carpenter, \$3.50 per day, from May 20, 1902.

PRESIDENTS OF BOROUGHES.

Robert A. Campbell, No. 149 Southern Boulevard, Borough of The Bronx, as a Foreman, \$3.50 per day, from May 19, 1902.

Edward J. Deegan, No. 228 Mott street, Borough of Manhattan, as a Plumber's Apprentice, \$2.50 per day, from May 20, 1902.

Robert R. Selleck, No. 282 Covert avenue, Newtown, L. I., Borough of Queens, as a Mechanic's Helper, \$3.00 per day, from April 23, 1902.

Michael E. Farrell, No. 16 Prince street, Flushing, L. I., \$4.00 per day, from May 8, 1902; Hugh Smith, No. 5 Hill place, Maspeth, L. I., \$4.00 per day, from May 9, 1902; Theodore Wagenheim, No. 170 Academy street, Long Island City, \$4.00 per day, from May 9, 1902; Anthony Paradise, No. 69 Ridge avenue, Long Island City, \$4.00 per day, from May 9, 1902; Winfield E. Sturges, No. 80 Camelia street, all of Borough of Queens, Long Island City, as Masons, \$4.00 per day, from May 9, 1902.

Michael Barritt, No. 364 East Thirty-sixth street; Henry W. Grote, No. 429 East Houston street, all of Borough of Manhattan, as Plumber's Apprentices, \$2.50 per day, from May 20, 1902.

Valentine Massaret, No. 940 Tenth avenue; Charles V. Zimmer, No. 136 Lincoln street, all of Long Island City, Borough of Queens, as Hose Repairers, \$3.00 per day, from April 23, 1902.

Lawrence Fogarty, No. 168 Lawrence street, Flushing; John H. McKeegan, No. 126 Seventh street, Long Island City; Alvin B. Dunham, No. 99 Herriman street, Jamaica; John P. Balbert, No. 323 Flushing avenue, Long Island City; Richard H. Dowling, Cedar street, Corona; William F. Kavanagh, No. 66 Flushing avenue, Jamaica; William J. Salmon, Jamaica; Thomas H. O'Brien, No. 197 Jamaica avenue, Long Island City; Edward R. Riley, Lexington avenue, Maspeth; John Hefferman, No. 75 Willow avenue, Long Island City; Florence Crowley, No. 75 Raddie street, Long Island City; Michael J. Fullan, No. 29 Willow street, Long Island City; John T. Allen, No. 538 Second avenue, Long Island City; Henry A. Mehrtens, No. 105 Wilbur avenue, Long Island City, all of the Borough of Queens, as Assistant Foremen, from April 29, 1902.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

William H. Werner, No. 2671 Fulton street, Borough of Brooklyn, as a Tapper, \$3.00 per day, from May 17, 1902.

REINSTATEMENTS—PRESIDENT OF BOROUGH.

Peter McArdle, No. 157 East Thirty-eighth street, Borough of Manhattan, as a Laborer, Wood Sawyer, from May 20, 1902.

DEPARTMENT OF BRIDGES.

Patrick Mara, Flushing, L. I., Borough of Queens, as a Bridge Tender, from May 1, 1902.

DEPARTMENT OF STREET CLEANING.

Edward Collins, No. 2358 Old Broadway, from May 17, 1902; Fred. Abel, No. 412 Sixth street, Borough of Manhattan, as Drivers, from May 19, 1902.

Antonio Covino, No. 205 Jackson street, Borough of Brooklyn, as a Driver, from May 19, 1902.

Stephen Allen, No. 350 West Thirty-seventh street, from May 19, 1902; Joseph Newman, No. 169 Second avenue, Borough of Manhattan, as Sweepers, from May 16, 1902.

Thomas J. Hicks, No. 479 Union street, Borough of Brooklyn, as a Driver, from May 16, 1902.

CHANGE OF TITLE—DEPARTMENT OF PARKS.

John Brennan, No. 105 East Sixty-third street; James L. Conry, No. 4 Hancock place; Martin Connors, No. 436 Cherry street; Henry Donnelly, No. 501 West Fifty-

seventh street; Peter Develin, No. 59 West Eleventh street; John Donohue, No. 408 East Tenth street; Thomas Foley, No. 9 Jane street; Theodore Fouchelle, No. 239 East One Hundred and Sixth street; Ritchie Greer, No. 226 East One Hundred and Third street; Edward Garden, No. 77 Roosevelt street; John Hyatt, No. 36 Catharine street; James McManamon, No. 87 Monroe street; Hashel Michael, No. 1577 Madison avenue; Michael P. Nilan, No. 1611 East End avenue; Martin Noonan, No. 30 Montgomery street; Felix Schaefer, No. 166 East Ninety-first street; Charles H. Wheeler, No. 310 East Fifty-second street; Anton Wening, No. 220 East One Hundred and Seventh street, all of Borough of Manhattan, as Cleaners from Laborers, from March 1, 1902.

Patrick Hollissey, of the Borough of Manhattan, from the position of Cleaner to that of Laborer, from May 20, 1902.

PRESIDENT OF BOROUGH.

John Dineen, New Brighton, S. I., Borough of Richmond, from the position of Laborer to that of Paver, at \$2.50 per day, from May 21, 1902.

Louis Vilmore, of the Borough of The Bronx, from the position of Cement Mixer to Laborer, from May 12, 1902.

Samuel H. Ludlow, of the Borough of The Bronx, from the position of Mason to that of Laborer, from March 12, 1902.

John R. Farrell, of the Borough of The Bronx, from the position of Flagger to that of Laborer, from May 12, 1902.

Fred. Selze, of the Borough of The Bronx, as a Driver from the position of Laborer, from May 12, 1902.

George F. White, of the Borough of The Bronx, from the position of Laborer to that of Driver, from May 12, 1902.

Louis C. Hake, of the Borough of The Bronx, from the position of Laborer to that of Assistant Foreman, from May 12, 1902.

Jacob A. Besemer, of the Borough of The Bronx, from the position of Laborer to that of Assistant Foreman, from May 12, 1902.

Gustav C. Krauss, of the Borough of The Bronx, from the position of Laborer to that of Assistant Foreman, from May 12, 1902.

Charles Platz, of the Borough of The Bronx, from the position of Laborer to that of Assistant Foreman, from May 12, 1902.

William Sauvan, of the Borough of The Bronx, from the position of Assistant Foreman to that of Foreman, from May 12, 1902.

DEPARTMENT OF STREET CLEANING.

William Drake, No. 203 Hudson avenue, Borough of Brooklyn, from the position of Driver to that of Sweeper, from May 21, 1902.

Owen Kerns, No. 260 Grand street, Borough of Brooklyn, as an Acting Assistant to Stable Foreman from Driver, from May 23, 1902.

Elisha Lambow, No. 157 West Houston street, Borough of Manhattan, as an Assistant to Section Foreman from that of Sweeper, from May 2, 1902.

William McMahon, No. 697 Franklin avenue, Borough of Brooklyn, as a Sweeper from the position of Driver, from May 16, 1902.

Joe S. Seebacker, No. 245 West One Hundred and Sixteenth street, Borough of Manhattan, as Acting Assistant to Section Foreman, from Acting Assistant to Stable Foreman, from May 16, 1902.

Bartholomew Doyle, No. 2412 First avenue, Borough of Manhattan, as an Assistant to Section Foreman from the position of Sweeper, from May 21, 1902.

F. A. SPENCER, Labor Clerk.

BOARD OF TRUSTEES OF BELLEVUE AND ALLIED HOSPITALS.

ABSTRACT OF MINUTES.

January 20, 1902.

Immediately after appointment by the Mayor the Board met at the Mayor's office and organized, electing Dr. John W. Brannan President and Mr. James K. Paulding Secretary.

Upon motion, the meeting adjourned.

J. K. PAULDING, Secretary.

February 1, 1902.

Meeting of the Board of Trustees of Bellevue and Allied Hospitals at the office of the Charities Commissioner, foot of East Twenty-sixth street.

Present—Dr. Brannan, President, in the chair; Mr. Folks, Commissioner of Public Charities, and Messrs. Sachs, Tierney, Stine, Tack and Paulding, Trustees. Mr. Townsend, excused.

In accordance with the law, Mr. Homer Folks, Commissioner of Charities, turned over to the Board of Trustees the buildings, grounds, inmates and employees of the hospitals named in the section of the City Charter establishing the new Department, together with all the property enumerated in the inventories drawn up by him, and the same were accepted on behalf of the Board by its President, Dr. Brannan.

Upon motion, duly made and seconded, it was

Resolved, That all rules, regulations and orders heretofore established by the Department of Public Charities and now in force, relating to Bellevue and the Allied Hospitals, be continued in force until repealed or otherwise modified.

The Board then adopted rules for its guidance.

The matter of the contract entered into by the former Commissioner with Horgan & Slattery for the planning and supervising of the new Harlem Hospital was debated, and it was decided to ask Mr. Folks, Commissioner of Charities, to obtain from the Corporation Counsel his opinion concerning the legal status of the matter.

The President read a communication from the Municipal Sanatorium Committee of the New York Academy of Medicine, asking for the appointment of a delegate and alternate from this Board to a meeting at 5 p. m., on February 19. The President was named as delegate and Mr. Townsend as alternate.

The President recommended that a Resident Physician of the Pavilion for the Insane at Bellevue be secured, and reported that the services of Dr. Flavius Packer could be secured at an annual salary of \$2,500. The President was then authorized to secure the services of Dr. Packer, and it was also resolved that the services of an Assistant Resident Physician, part of whose duty should be to sleep in the hospital at night, be secured at an annual salary of \$1,000 per year.

The President announced the following appointments to committees:

Rules—Townsend and Stine.

Supplies—Folks and Paulding.

Officers and Employees—Sachs and Paulding.

Insane Pavilion—Tack and Stine.

Finance—Sachs and Tack.

Buildings and Grounds—Tierney, Sachs and Townsend.

Medical Committee—Paulding and Townsend.

Training Schools—Townsend and Folks.

Library Committee—Stine and Tierney.

Committees of the Month.

Fordham Hospital—Sachs and Tierney.

Harlem Hospital—Stine and Paulding.

Gouverneur Hospital—Tack and Townsend.

The matter of formulating the rules for Bellevue and the other hospitals was referred to the Committee on Rules.

Upon motion, duly made and seconded, it was

Resolved, That the report of the State Board of Charities in regard to Dispensaries, be sent to the Superintendent of Bellevue Hospital to be forwarded by him to the Supervising Nurses of the outlying hospitals, with instructions to them to comply with the rules of the Board.

The following preambles and resolutions were adopted:

Whereas, It is impossible for the Board to award contracts after public bidding, for supplies for Bellevue Hospital, at a sufficiently early date to secure deliveries under such contracts before March 1, 1902; and

Whereas, An emergency exists requiring the immediate purchase of supplies of all descriptions for the use of Bellevue and Allied Hospitals during the month of February; therefore it is

Resolved, That Dr. G. T. Stewart, Superintendent, be authorized to purchase coal, eggs and butter, vegetables, bread and rolls, milk, beef, poultry and all other supplies as may be required for Bellevue and Allied Hospitals, in lots costing not more than \$1,000 each, during the month of February, at the lowest obtainable market price; and be it further

Resolved, That in all contracts for the purchase of the foregoing supplies there be inserted a provision to the effect that such contracts are terminable by this Board at its pleasure.

On motion, meeting adjourned.

J. K. PAULDING, Secretary.

February 6, 1902.

Regular meeting of the Board of Trustees of Bellevue and Allied Hospitals, held at Bellevue Hospital, foot of East Twenty-sixth street.

Present—Dr. Brannan in the chair, Messrs. Stine, Sachs, Tierney, Tack, Townsend and Paulding, Trustees.

The Committee on Finance reported the prices paid at Montefiore Home for sundry supplies, and comparison was made with prices paid for similar articles at Bellevue.

The President laid before the Board the minutes of the Medical Board containing recommendations to the Board of Trustees. These minutes were placed on file and it was ordered that the recommendation of the Medical Board to the Trustees to furnish printed copies of the rules governing the Hospital, Medical Board, House Staff, etc., and the recommendation with regard to the service of subpoenas upon medical officers, be referred to the Committee on Rules.

The recommendation of the Medical Board with regard to the nursing system was referred to the Committee on Nurses and Training Schools.

The report of Mr. Stine upon the condition of Harlem Hospital was referred to the Committee on Buildings and Grounds, with the request to look into the condition of the building upon the adjoining property, with a view to determining the desirability of leasing it temporarily for hospital purposes.

The Committee on Buildings was requested to examine all leases and report about the same.

The publication in the "City Record" of an advertisement calling for bids for poultry, coal, milk, fish and meat was authorized when the specifications and contract for the same had been approved by the Corporation Counsel.

The President was authorized to write to Dr. Flavius Packer announcing his appointment as Resident Physician of the Pavilion for the Insane, at an annual salary of \$2,500, to begin on February 15.

The Board of Estimate and Apportionment were requested to recommend to the Board of Aldermen that the salary of the Resident Physician of the Pavilion for the Insane at Bellevue Hospital be fixed at \$2,500 per year.

The President was authorized to ask the Municipal Civil Service Commission to request the transfer of Dr. Gregory from the Long Island State Hospital to the Insane Pavilion at Bellevue, and to ask of the Charities Commissioner the transfer of Mr. F. Eckstein to the service of this Board.

The President was given authority to confer with Mr. Thomas P. Ryan, with a view to having him make a preliminary inspection of the existing system of books, stores, etc., in Bellevue Hospital, and to offer and estimate the cost of a thorough examination of the same.

On motion, the meeting adjourned.

J. K. PAULDING, Secretary.

February 13, 1902.

Regular meeting of the Board of Trustees of Bellevue and Allied Hospitals held at Bellevue Hospital, foot of East Twenty-sixth street.

Present—Dr. Brannan in the chair, Messrs. Stine, Sachs, Tierney, Townsend and Paulding, Trustees. Mr. Tack excused.

Upon motion, duly made and seconded, it was

Resolved, That the Secretary send a postal notice to a list of reputable dealers in each line of goods for which advertisements are now running, calling their attention to advertisements appearing in the "City Record."

The President was authorized to accept resignations, make lawful dismissals and appointments to positions in relation to which action before the next Board meeting may be necessary, in the intervals between the meetings of the Board, and report the same at the next ensuing meeting of the Board for confirmation.

The appointments and dismissals by the President were ratified.

The advertisement as to the sale by auction of bones and fat was approved by the Board.

The Committee on Supplies were requested to secure the services of an auctioneer and to see that bona fide bidders appear at the auction.

Moved and seconded and carried that the specifications for dry goods, canned goods, fancy groceries, crockery, coffee, dried fruits, farinaceous foods, flour, provisions, laundry supplies, sugar and syrup, granulated sugar, sundries, tea, vegetables and fruits, hay and straw, oats, ice, building materials, miscellaneous articles, including electric current and telephone, as finally revised by the Committee on Supplies, be approved, and that samples be secured and the advertisement inserted in the "City Record."

The proposed telephone and electric light contract was referred to the Committee on Supplies with power.

The Superintendent was instructed to accept the offer (contract for the extermination of roaches, rats and mice) for a period of one month, and to secure proposals from other firms for the balance of the year.

Upon motion the meeting adjourned.

JAMES K. PAULDING, Secretary.

Regular meeting of the Board of Trustees of Bellevue and Allied Hospitals held February 20, 1902.

Present—Dr. Brannan in the chair, Messrs. Paulding, Tierney, Sachs, Townsend, Stine and Tack, Trustees.

In reply to a communication from the Comptroller, the Board notified him that there was no weekly payroll in this Department.

Commissioner Folks handed to the Board an opinion of the Corporation Counsel relating to the employment of Messrs. Horgan & Slattery, as architects for the new Harlem Hospital, stating that in his opinion the Board possessed no power to abrogate any contract made.

The estimate for salaries for the ensuing year was approved.

The following estimates for repairs for the ensuing year were approved:

Bellevue Hospital.....	\$69,500 00
Gouverneur Hospital.....	1,025 00
Harlem Hospital.....	885 00
Fordham Hospital.....	1,000 00

The matter of the alleged overcharging of electric wires in Bellevue Hospital was referred to the Committee on Buildings for investigation.

The appointments and dismissals made by the President during the week were ratified.

The Superintendent of Buildings was requested to have a special investigation made as to all the buildings under the care of this Board, and to submit a report to this Board, and the Fire Commissioner was requested to have a special investigation made as to all buildings under the care of this Board.

Upon motion, the meeting adjourned.

JAMES K. PAULDING, Secretary.

Regular meeting of the Board of Trustees of Bellevue and Allied Hospitals held February 27, 1902.

Present—Dr. Brannan in the chair, Commissioner Public Charities; Messrs. Stine, Townsend, Paulding, Sachs, Tack, Trustees. Mr. Tierney excused.

On motion the Board proceeded to the opening of bids for the supplies of meat, fish, poultry, coal and milk for the remainder of the ensuing year.

The following contracts were awarded, the bid in each case being the lowest received in that class:

Meat, for the following three months, to Armour & Company, No. 173 Duane street, at \$11,841.64.

Fish, to John Elsey, No. 214 Washington street, at \$2,722.50.
Poultry, to Conron Bros., No. 11 Bloomfield street, at \$4,625.65.
Moved, seconded and carried that, in the interest of the City, the bids for milk and coal be rejected, and the Board readvertise for new bids.
Mr. Folks, from the Committee on Supplies, presented the following statement of supplies needed for the remainder of the year:

Bellevue	\$265,091 86
Harlem	22,921 39
Gouverneur	37,133 82
Fordham	24,150 82

Total \$349,297 89

Total for eleven months \$320,189 78
Ten per cent. added for better service and inventory 32,018 92

Total	\$352,208 70
Central Office	5,000 00
Telephone services	2,500 00
Photographic Department	250 00

Grand total \$359,958 70

The estimates of the committee asking for the expenditure of \$359,958 for supplies for the remainder of the year was approved.

The dismissals and appointments made by the President during the preceding week were approved.

The President announced that the monthly committees for hospital visitations shall remain the same for the ensuing month.

It was ordered that the ceilings in the isolating ward and men's dormitory at Harlem Hospital be repaired at once.

Commissioner Folks presented a communication to the Board calling attention to the case of Jennie White, and offered the following resolution:

Resolved, That no woman having given birth to a child in any hospital under the control of this Board, or having been admitted to any such hospital within five days after child birth, shall be discharged from such hospital or transferred to any other hospital until at least ten days have elapsed from the date of the birth, unless the Visiting Physician shall certify in writing that there is urgent necessity for such transfer and that such patient is in a condition to be transferred without danger; but in no case shall any such patient be transferred or discharged from any hospital under this Board unless at least seven days have elapsed since the date of birth. This resolution shall not be applicable to patients who may develop any contagious disease, in case facilities for isolation are not available at the hospital in which the patient may be.

Said resolution was adopted.

The Committee on Law recommended that a letter be sent to the Mayor asking him for an expression of his policy in the matter of selecting architects.

The Medical Board of Gouverneur Hospital was informed that the Board of Trustees desired that the examinations for the place of internes at Gouverneur Hospital be open to men and women applicants on the same terms.

The Board requested the Mills Training School to procure competent trained female head nurses for the male medical and surgical wards of Bellevue Hospital, the number of such female nurses not to exceed ten in any one year.

The action of the President of the Board in requesting the Fire Commissioner to organize a fire brigade among the House Staff and employees of Bellevue Hospital was approved, and it was

Resolved, That the Commissioner be requested to detail a Fireman at the Hospital. On motion the meeting adjourned.

J. K. PAULDING,

Secretary, Board of Trustees, Bellevue and Allied Hospitals.

POLICE DEPARTMENT.

APPOINTMENTS, ETC., MAY 12 TO MAY 20, 1902.

May 13.

Retired—Patrolman Frederick Muhs, Forty-ninth Precinct, at \$700 per annum.
Retired—Patrolman Anthony Golden, Twenty-fifth Precinct, at \$700 per annum.
Retired—Patrolman John F. Stenshorn, Forty-ninth Precinct, at \$600 per annum.
Retired—Doorman James Smith, Twenty-third Precinct, at \$500 per annum.

May 14.

Resigned—Patrolman David Mackrell, Thirtieth Precinct.

May 16.

Appointed as Patrolmen on Probation:
Stephen W. O'Brien,
Geo. F. Meadows,
Joseph W. Owens,
Thomas J. Coyne,
John Loosen,
John J. Manning,
Michael Fitzpatrick,
William H. Roy,
George P. Smith,
John F. Murphy,
John W. Burberg,
James H. J. Hughes,
James A. Watson,
Geo. W. Hamilton,
Patrick J. Curran,
Henry Eckerdt,
Jas. F. Lynch, Jr.,
Alfred W. Zucker,
George Farrell,
Resignation—Charles D. Blatchford, as Deputy Property Clerk.
Appointed—Charles D. Blatchford as Property Clerk at \$2,400 per annum, in place of Andrew J. Lalor, resigned.

May 16.

Reinstated—James L. Cunningham, as a Patrolman on Probation.
John M. O'Rourke, graded as a Detective Sergeant.
Appointed—Edward E. Doonan, as Assistant Property Clerk at \$1,500 per annum.

CHANGES IN DEPARTMENTS.

DEPARTMENT OF PARKS. Borough of The Bronx.

June 5.

Discharged the following employees of this Department, on account of absence from duty without leave: Elias Schwartz, John Walsh, Henry Trede, Jacob Kraus, Edward Pendergast, Joseph D. Smith, Laborers; James Fitzpatrick, Rockman; Antonio Scerba, with horse and cart.

John L. Mead, No. 590 East One Hundred and Forty-first street, has been appointed with horse and cart in this Department, at a compensation at the rate of \$3.00 per day.

The Board of Estimate and Apportionment has fixed the salaries of employees of this Department as follows, to take effect from May 1, 1902: Julius Ruppert, Helper, second grade, \$900 per annum; William Ward, Bridge Tender, first grade, \$750 per annum; Elijah Miller, Bridge Tender, first grade, \$750 per annum.

Appointments: Antonio Conti, No. 846 Gerard avenue, Foreman, at a compensation at the rate of \$100 per month, and William F. Leins, One Hundred and Forty-sixth street and Southern Boulevard, Rockman's Helper, at a compensation at the rate of \$2.00 per day.

DEPARTMENT OF DOCKS AND FERRIES.

June 4.

The title of John Bartlett has been changed from Diver's Tender to Diver's Tender and Rigger, his compensation to be at the rate of \$15 per week while employed as a Rigger.

The Engineer-in-Chief reports that Thomas Purdy, Dock Builder, died on May 23, 1902, and his name has been ordered taken from the list of employees of this Department.

May 29.

The compensation of Thomas E. Brady and Walter S. Graham, Sounders, and of James Rafferty, Laborer, has been fixed at the rate of \$17.50 per week each, commencing May 31, 1902.

REGISTER'S OFFICE, COUNTY OF NEW YORK.

June 5.

Morris Gersten, Clerk, No. 100 Essex street, New York City, whose position was abolished on the 31st day of January last, was reinstated on June 3, 1902, in the same position at a salary of \$1,000 per annum.

LAW DEPARTMENT.

June 5.

Appointments in this Department:
Edward H. Wilson, No. 221 Van Buren street, Brooklyn, N. Y., is appointed a Junior Assistant at an annual salary of \$1,200, to take effect on the 16th day of June, 1902.

Louis Gans, No. 62 West Ninety-fifth street, New York, and Henry S. Johnston, No. 221 West Forty-ninth street, New York, are appointed Junior Assistants at an annual salary of \$1,200 each, to take effect on the 16th day of June, 1902.

Charles A. Duffy, No. 341 East Thirty-sixth street, New York, and Ambrose M. Norris, No. 632 East One Hundred and Thirty-sixth street, New York, are appointed Junior Clerks in the Bureau of Street Openings of this Department, at an annual salary of \$600 each, to take effect on the 9th instant.

Each of these appointments is for the probationary period provided for by the rules of the Civil Service Commission.

TENEMENT HOUSE DEPARTMENT.

June 5.

Appointment to the service of the Tenement House Department:
John L. McGailey, No. 175 Java street, Brooklyn, N. Y., Clerk, salary \$1,050 per annum. This appointment to take effect June 5, 1902.

DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond.

June 5.

Appointed, with horse and cart, John McCready, No. 126 East Eighty-fourth street.

BUREAU OF THE PUBLIC ADMINISTRATOR, NEW YORK COUNTY.

June 5.

Edmund J. Tighe has been appointed as page at the rate of \$4.00 a week, his services to commence on June 11.



OFFICIAL DIRECTORY.

CITY OFFICERS.

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business, and at which the Courts regularly open and adjourn, as well as of the places where such offices are kept and such Courts are held; together with the heads of Departments and Courts:

EXECUTIVE DEPARTMENT.

Mayor's Office.

No. 5 City Hall, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
Telephone 1929 Cortlandt.
SETH LOW, Mayor.
JAMES B. REYNOLDS, Secretary.
WILLIAM J. MORAN, Assistant Secretary and Chief Clerk.

Bureau of Licenses.

9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.
GEORGE WHITFIELD BROWN, Jr., Chief of Bureau.
Principal Office, Room 1, City Hall. HENRY OSWALD CAREY, Deputy Chief in Boroughs of Manhattan and The Bronx.
Branch Office, Room 12, Borough Hall, Brooklyn; JOSEPH MCGUINNESS, Deputy Chief in Borough of Brooklyn.
Branch Office, "Richmond Building," New Brighton, S. I.; WILLIAM R. WOELFLE, Cashier in Borough of Richmond.

Branch Office, "Hackett Building," Long Island City; CHARLES H. SMITH, Cashier in Borough of Queens.

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Telephone 467 Cortlandt.
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Telephone 5365 Cortlandt.
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MICHAEL F. BLAKE, Chief Clerk of the Board of Aldermen.
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THOMAS J. MCCABE, Deputy City Clerk, Borough of The Bronx.
WILLIAM R. ZIMMERMAN, Deputy City Clerk, Borough of Queens.
MICHAEL J. COLLINS, Deputy City Clerk, Borough of Richmond.

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Telephone 30 Cortlandt.
CHARLES V. FORNES, President.
P. J. SCULLY, City Clerk.

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Stewart Building, Chambers street and Broadway, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 noon.
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N. TAYLOR PHILLIPS and JAMES W. STEVENSON, Deputy Comptrollers.
HUBERT L. SMITH, Assistant Deputy Comptroller.
OLIVER E. STANTON, Secretary to Comptroller.

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H. J. STORRS, Chief Clerk, Room 11.
Bookkeeping and Awards Division.
JOSEPH HAAG, Chief Bookkeeper, Room 2.

Stock and Bond Division.

JAMES J. SULLIVAN, Chief Stock and Bond Clerk, Room 39.

Bureau of Audit—Main Division.

WILLIAM MCKINNEY, Chief Auditor of Accounts, Room 27.

Adjustment Division.

WILLIAM J. LYON, Auditor of Accounts, Room 183.

Investigating Division.

CHARLES S. HERVEY, Expert Accountant, Room 173.

Charitable Institutions Division.

DANIEL C. POTTER, Chief Examiner of Accounts of Institutions, Room 40.
Bureau of the City Paymaster.
No. 83 Chambers street and No. 65 Reade street.
JOHN H. TIMMERMAN, City Paymaster.

Bureau of Engineering.

Stewart Building, Chambers street and Broadway.
EUGENE E. McLEAN, Chief Engineer, Room 55.

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Borough of Manhattan—Stewart Building, Room 8.
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JOHN J. McDONOUGH, Deputy Receiver of Taxes.
Borough of The Bronx—Municipal Building, Third and Tremont avenues.
JOHN B. UNDERHILL, Deputy Receiver of Taxes.
Borough of Brooklyn—Municipal Building, Rooms 2-8.
JACOB S. VAN WYCK, Deputy Receiver of Taxes.
Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.
FREDERICK W. BLECKWENN, Deputy Receiver of Taxes.
Borough of Richmond—Richmond Building, New Brighton.
JOHN DEMORGAN, Deputy Receiver of Taxes.

Bureau for the Collection of Assessments and Arrears.

Borough of Manhattan—Stewart Building, Room 81.
WILLIAM E. McFADDEN, Collector of Assessments and Arrears.
EDWARD A. SLATTERY, Deputy Collector of Assessments and Arrears.
Borough of The Bronx—Municipal Building, Rooms 1-3.
JAMES J. DONOVAN, Jr., Deputy Collector of Assessments and Arrears.
Borough of Brooklyn—Municipal Building, HENRY NEWMAN, Deputy Collector of Assessments and Arrears.
Borough of Queens—Hackett Building, Jackson avenue and Fifth street, Long Island City.
PATRICK E. LEAHY, Deputy Collector of Assessments and Arrears.
Borough of Richmond—No. 372 Richmond terrace, New Brighton.
GEORGE BRAND, Deputy Collector of Assessments and Arrears.

Bureau for the Collection of City Revenue and of Markets.

Stewart Building, Chambers street and Broadway, Room 139.
WILLIAM T. GOUNDIE, Collector of City Revenue and Superintendent of Markets.
JAMES H. BALDWIN, Deputy Collector of City Revenue.
DAVID O'BRIEN, Deputy Superintendent of Markets.

Bureau of Municipal Accounts and Statistics.

Stewart Building, Chambers Street and Broadway.
JOHN R. SPARROW, Supervising Accountant and Statistician, Room 173.

Bureau of the City Chamberlain.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67; and Kings County Courthouse, Room 14, Borough of Brooklyn.
ELGIN R. L. GOULD, City Chamberlain.
JOHN H. CAMPBELL, Deputy Chamberlain.

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Office of Corporation Counsel.

Staats-Zeitung Building, 2d, 3d and 4th floors, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 1 P. M.
Telephone 5366 Cortlandt.
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FRANK N. APPELGATE, Secretary.
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GEORGE L. STERLING, EDWARD J. MCGUIRE, JAMES M. WARD, GEORGE S. COLEMAN, CHARLES N. HARRIS, JOHN C. CLARK, CHARLES S. WHITMAN, CHASE M. LLEN, JOHN CASSAN WAIT, EDWIN J. FREEDMAN, JOHN W. HUTCHINSON, JR., OLIVER C. SEMPLER, TERENCE FARLEY, JAMES T. MALONE, CHARLES A. O'NEIL, GEORGE LONDON, ARTHUR SWEENEY, HAROLD S. RANKINE, DAVID RUMSEY, WILLIAM BEERS CRJWELL, JOHN L. O'BRIEN, Assistants.

JAMES MCKEEN, Assistant, in charge of Brooklyn branch office.

GEORGE E. BLACKWELL, Assistant, in charge of Queens branch office.

DOUGLAS MATTHEWSON, Assistant, in charge of Bronx branch office.

ALBERT E. HADLOCK, Assistant, in charge of Richmond branch office.

ANDREW T. CAMPBELL, Chief Clerk.

Bureau for Collection Arrears of Personal Taxes.

No. 280 Broadway (Stewart Building). Office hours for the public, 10 A. M. to 2 P. M.; Saturdays, 10 A. M. to 12 M.

MARTIN SAXE, Assistant, in charge.

Bureau for the Recovery of Penalties.

Nos. 119 and 121 Nassau street, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 1 P. M.

ARTHUR F. COSBY, Assistant, in charge.

Bureau of Street Openings.

Nos. 90 and 92 West Broadway, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 1 P. M.

JOHN P. DUNN, Assistant, in charge.

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Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M. Telephone 4315 Franklin.

WILLIAM HEPBURN RUSSELL and EDWARD OWEN, Commissioners.

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Office of Secretary, Room No. 12, Stewart Building.

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Telephone 2115.

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Room 207, Stewart Building, 5th floor, 9 A. M. to 4 P. M. Telephone 1042 Franklin.

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JOHN P. GUSTAVSON, Secretary, Stewart Building, No. 280 Broadway.

Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

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Central Office.

No. 300 Mulberry street, 9 A. M. to 4 P. M. Telephone 3100 Spring.

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NATHANIEL B. THURSTON, First Deputy Commissioner.

FREDERICK H. E. EBSTEIN, Second Deputy Commissioner.

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Office, Borough of Manhattan, No. 301 Mott street.

WILLIAM C. BAXTER, Chief Clerk.

Office, Borough of The Bronx, One Hundred and Thirty-eighth street and Mott avenue (Solingen Building).

CORNELIUS A. BUNNER, Chief Clerk.

Office, Borough of Brooklyn, No. 42 Court street.

GEORGE RUSSELL, Chief Clerk.

Office, Borough of Queens, No. 51 Jackson avenue, Long Island City.

CARL VOGEL, Chief Clerk.

Office, Borough of Richmond, Staten Island Savings Building, Stapleton, S. I.

ALEXANDER M. ROSS, Chief Clerk.

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Nos. 13 to 21 Park Row, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 1 P. M. Telephone 6080 Cortlandt, Manhattan; 2206 Main, Brooklyn; 79 Tremont, The Bronx; 413 Greenpoint, Queens.

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NELSON L. ROBINSON, Deputy.

LEFFERT L. BUCK, Chief Engineer.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park Row. Office hours, 9 A. M. to 5 P. M.

Telephone 256 Cortlandt, Manhattan; 11 Main, Brooklyn.

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WILLIAM A. DE LONG, Deputy Commissioner.

ROBERT VAN DERSTINE, Secretary to Department.

GEORGE W. BIRDSALL, Chief Engineer.

W. G. BYRNE, Water Registrar.

Deputy Commissioner, Borough of Brooklyn, Municipal Building, Brooklyn.

Deputy Commissioner, Borough of Queens, Long Island City.

Deputy Commissioner, Borough of The Bronx, Crotona Park Building.

Deputy Commissioner, Borough of Richmond, Office, "Richmond Building," corner Richmond terrace and York avenue, New Brighton, S. I.

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Headquarters.

Nos. 157 and 159 East Sixty-seventh street.

Telephone 868 Seventy-ninth street, Manhattan; 636 Main, Brooklyn.

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RICHARD H. LAMBER, Jr., Deputy Commissioner, Boroughs of Brooklyn and Queens.

WILLIAM LEARY, Secretary.

EDWARD F. CROKER, Chief of Department and in Charge of Fire-alarm Telegraph.

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DEPARTMENT OF CORRECTION.

Central Office.

No. 148 East Twentieth street. Office hours from 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

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Central Office.

Foot of East Twenty-sixth street, 9 A. M. to 4 P. M.

Telephone 605 Madison Square.

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JAMES E. DOUGHERTY, First Deputy Commissioner.

CHARLES E. TEALE, Second Deputy Commissioner, for Brooklyn and Queens, Nos. 126 and 128 Livingston street, Brooklyn.

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Telephone 5331 Eighteenth.

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Brooklyn Office, to be established.

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JOSEPH H. RAYMOND, M. D., Assistant Sanitary Superintendent, Borough of Brooklyn, Nos. 38 and 40 Clinton street.

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Stewart Building, No. 280 Broadway. Office hours, 9 A. M. to 4 P. M.; Saturdays, 9 A. M. to 12 M.

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City Hall, Room 21.

Telephone Call, 1197 Cortlandt.

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WILLIAM M. CALDER, Superintendent of Buildings.

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JOHN THATCHER, Superintendent of the Bureau of Sewers.

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County and Supreme Court held at the Queens County Courthouse, Long Island City. Court opens 9.30 A. M., to adjourn 5 P. M.
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CHARLES DOWNING, Deputy County Clerk.

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H. HOMER MOORE, Assistant Commissioner.

PUBLIC ADMINISTRATOR.

No. 103 Third street, Long Island City, 9 A. M. to 5 P. M.
CHARLES A. WADLEY, Public Administrator.

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COUNTY JUDGE AND SURROGATE.
Terms of Court, Richmond County, 1902.
County Courts—STEPHEN D. STEPHENS, County Judge.

First Monday of June, Grand and Trial Jury;
First Monday of December, Grand and Trial Jury;
Fourth Wednesday of January, without a Jury;
Fourth Wednesday of February, without a Jury;
Fourth Wednesday of March, without a Jury;
Fourth Wednesday of April, without a Jury;
Fourth Wednesday of July, without a Jury;
Fourth Wednesday of September, without a Jury;
Fourth Wednesday of October, without a Jury;
—All at the Courthouse at Richmond.

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Mondays, at the First National Bank Building, St. George, at 10.30 o'clock A. M.;
Tuesdays, at the First National Bank Building, St. George, at 10.30 o'clock A. M.;
Wednesdays, at the Surrogate's Office, Richmond, at 10.30 o'clock A. M.

DISTRICT ATTORNEY.

Port Richmond, S. I.
Office hours, from 9 A. M. to 12 M., and from 1 P. M. to 5 P. M.
EDWARD S. RAWSON, District Attorney.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 A. M. to 4 P. M.
EDWARD M. MULLER, County Clerk.
CROWELL M. CONNER, Deputy County Clerk.

SHERIFF.

County Courthouse, Richmond, S. I., 9 A. M. to 4 P. M.
FRANKLIN C. VITT, Sheriff.
THOMAS H. BANNING, Under Sheriff.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.
CHARLES J. KULLMAN, Commissioner.
J. LOUIS GARRETTSON, Commissioner.
Office open from 9 A. M. until 4 P. M.; Saturdays, from 9 A. M. to 12 M.

THE COURTS.

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Courthouse, Madison avenue, corner Twenty-fifth street. Court opens at 1 P. M.
CHARLES H. VAN BRUNT, Presiding Justice;
EDWARD PATTERSON, MORGAN J. O'BRIEN, GEORGE L. INGRAM, CHAS. B. McLAUGHLIN, EDWARD W. HATCH, FRANK C. LAUGHLIN, JUSTICES. ALFRED WAGSTAFF, Clerk. WILLIAM LAMB, JR., Deputy Clerk.
Clerk's Office opens at 9 A. M.

SUPREME COURT—FIRST DEPARTMENT.

County Courthouse, Chambers street. Courts open from 10.15 A. M. to 4 P. M.
Special Term, Part I. (motions), Room No. 12.
Special Term, Part II. (ex-parte business), Room No. 15.
Special Term, Part III., Room No. 19.
Special Term, Part IV., Room No. 11.
Special Term, Part V., Room No. 30.
Special Term, Part VI. (Elevated Railroad Cases), Room No. 36.
Trial Term, Part II., Room No. 25.
Trial Term, Part III., Room No. 17.
Trial Term, Part IV., Room No. 18.
Trial Term, Part V., Room No. 16.
Trial Term, Part VI., Room No. 24.
Trial Term, Part VII., Room No. 23.
Trial Term, Part VIII., Room No. 33.
Trial Term, Part IX., Room No. 31.
Trial Term, Part X., Room No. 32.
Trial Term, Part XI., Room No. 22.
Trial Term, Part XII., Room No. 34.
Trial Term, Part XIII., and Special Term, Part VII., Room No. 26.
Appellate Term, Room No. 31.
Naturalization Bureau, Room No. 38, third floor.
Assignment Bureau, room on third floor.
Clerks in attendance from 10 A. M. to 4 P. M.
Clerk's Office, Special Term, Part I. (motions), Room No. 13.
Clerk's Office, Special Term, Part II. (ex-parte business), room southwest corner Mezzanine Floor.
Clerk's Office, Special Term Calendar, room southeast corner second floor.
Clerk's Office, Trial Term Calendar, room northeast corner, second floor.
Clerk's Office, Appellate Term, room southwest corner third floor.
Trial Term, Part I. (Criminal business).
Criminal Courthouse, Centre street.

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Kings County Courthouse, Borough of Brooklyn, N. Y.
Courts open daily from 10 o'clock A. M. to 5 o'clock P. M. Five jury trial parts. Special Term for Trials. Special Term for Motions.
GERARD M. STEVENS, General Clerk.

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Building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 A. M.
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Clerk's Office open from 9 A. M. to 4 P. M.

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Held in the building for Criminal Courts, Centre, Elm, White and Franklin streets.
Court opens at 10.30 o'clock A. M.
RUFUS B. COWING, City Judge; JOHN W. GOFF, Recorder; JOSEPH E. NEWBURGER, MARTIN T. McMAHON and WARREN W. FOSTER, Judges of the Court of General Sessions. EDWARD R. CARROLL, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brown-stone Building, City Hall Park, from 10 A. M. to 4 P. M.
General Term.
Part II.
Part III.
Part IV.
Part V.
Special Term Chambers will be held from 10 A. M. to 4 P. M.
Clerk's office, from 9 A. M. to 4 P. M.
JAMES M. FITZSIMONS, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CONLAN, EDWARD F. O'DWYER, THEODORE F. HASCALL, FRANCIS B. DELEHANTY, SAMUEL SEABURY, JUSTICES. THOMAS F. SMITH, Clerk.

COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.
Court opens at 10 A. M.
Justices—First Division—ELIZUR B. HINSDALE, WILLIAM E. WYATT, JOHN B. MCKEAN, WILLIAM C. HOLBROOK, JULIUS M. MAYER, WILLARD H. OLMSTED, WILLIAM M. FULLER, Clerk; JOSEPH H. JONES, Deputy Clerk.
Clerk's office open from 9 A. M. to 4 P. M.
Second Division—Trial Days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.

Justices—JOHN COURTNEY, HOWARD J. FORKER, PATRICK KEADY, JOHN FLEMING, THOMAS W. FITZGERALD, JOSEPH L. KERRIGAN, Clerk; JOHN J. DORMAN, Deputy Clerk.
Clerk's office, Borough Hall, Borough of Brooklyn; open from 9 A. M. to 4 P. M.

CITY MAGISTRATES' COURTS.

Courts open from 9 A. M. until 4 P. M.
City Magistrates—HENRY A. BRANN, ROBERT C. CORNELL, LEROY B. CRANE, JOSEPH M. DEUL, CHARLES A. FLAMMER, LORENZ ZELLEN, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, JOHN B. MAYO, EDWARD HOGAN.
PHILIP BLOCH, Secretary.
First District—Criminal Court Building.
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.
Seventh District—Fifty-fourth street, west of Eighth avenue.

SECOND DIVISION.

Borough of Brooklyn.
City Magistrates—ALFRED E. STEERS, A. V. B. VOORHEES, JR., JAMES G. TIGHE, EDWARD J. DOOLEY, JOHN NAUMER, E. G. HIGGENBOTHAM, FRANK E. O'RIELLY, HENRY J. FURLONG.
First District—No. 318 Adams street.
Second District—Court and Butler streets.
Third District—Myrtle and Vanderbilt avenues.
Fourth District—Lee avenue and Clymer street.
Fifth District—Manhattan avenue and Powers street.
Sixth District—Gates and Reid avenues.
Seventh District—Grant street (Flatbush).
Eighth District—West Eighth street (Coney Island).

Borough of Queens.

City Magistrates—MATTHEW J. SMITH, LUKE J. CONNORTON, EDMUND J. HEALY.
First District—Long Island City.
Second District—Flushing.
Third District—Far Rockaway.
Borough of Richmond.
City Magistrates—JOHN CROAK, NATHANIEL MARSH.
First District—New Brighton, Staten Island.
Second District—Stapleton, Staten Island.
President of Board, ALFRED E. STEERS, No. 76 Clarkson street.
Secretary to Board, THOMAS D. OSBORN, West Eighth street, Coney Island.

MUNICIPAL COURTS.

Borough of Manhattan.
First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island, and the Oyster Islands. New Courthouse, No. 128 Prince street, corner of Wooster street.
DANIEL E. FINN, Justice. FRANK L. BACON, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.
HERMAN BOLTE, Justice. FRANCIS MANGIN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Court opens daily at 10 A. M., and remains open until daily calendar is disposed of and close of the daily business, except on Sundays and legal holidays.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted), from 9 A. M. to 4 P. M.
WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Clerk's office open daily from 9 A. M. to 4 P. M. Court opens at 10 A. M. daily, and remains open to close of business.
GEORGE F. ROESCH, Justice. JULIUS HARBURGER, Clerk.

Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 154 Clinton street.
BENJAMIN HOFFMAN, Justice. THOMAS FITZPATRICK, Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens at 9 A. M. daily, and continues open to close of business.
DANIEL F. MARTIN, Justice. ABRAHAM BERNARD, Clerk.

Seventh District—Nineteenth Ward. Court-room, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
HERMAN JOSEPH, Justice. PATRICK McDAVITT, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 10 A. M., and continues open until close of business.

Clerk's office open from 9 A. M. to 4 P. M., and on Saturdays until 12 M.
Trial days and Return days, each Court day.
JOSEPH H. STINER, Justice. HENRY MERZBACH, Clerk.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox avenue. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.

Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 314 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
THOMAS E. MURRAY, Justice. HUGH GRANT, Clerk.

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Clerk's office open daily (Sundays and legal holidays excepted), from 9 A. M. to 4 P. M. Court convenes daily at 9.45 A. M.
FRANCIS J. WORCESTER, Justice. HEMAN B. WILSON, Clerk.

BOROUGH OF THE BRONX.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 1034 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court open daily (Sunday and legal holidays excepted) from 9 A. M. to 4 P. M. Trial of causes are Tuesday and Friday of each week.
WILLIAM W. PENFIELD, Justice. JOHN N. STEWART, Clerk.

Office hours, from 9 A. M. to 5 P. M.; Saturdays closing at 12 M.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court-room, corner of Third avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 10 A. M.
JOHN M. TIERNEY, Justice. THOMAS A. MAHER, Clerk.

BOROUGH OF BROOKLYN.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, north-west corner State and Court streets.
JOHN J. WALSH, Justice. EDWARD MORAN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M. Calendar called at 10 A. M.
Second Division—Seventh, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room, located at No. 794 Broadway, Brooklyn.
GERARD B. VAN WART, Justice. WILLIAM H. ALLEN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.
WILLIAM J. LYNCH, Justice. JOHN W. CARPENTER, Clerk.

Clerk's office open from 9 A. M. to 4 P. M. Court opens at 10 o'clock.
Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard avenue.
THOMAS H. WILLIAMS, Justice. HERMAN GOHLINGHORST, Clerk; JAMES P. SINNOTT, Assistant Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Fifth District—Eight, Twenty-second, Twenty-ninth, Thirtieth, Thirty-first, and Thirty-second Wards. Court-house, Bay Twenty-second street and Bath avenue, Bath Beach. Telephone 83, Bath.
CORNELIUS FURGUESON, Justice. JEREMIAH J. O'LEARY, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

BOROUGH OF QUEENS.
First District—First Ward (all of Long Island City, formerly composing five wards). Court-room, No. 46 Jackson avenue, Long Island City.
Clerk's office open from 9 A. M. to 4 P. M. each day, excepting Saturday, closing at 12 M. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.
THOMAS C. KADEN, Justice. THOMAS F. KENNEDY, Clerk.

Second District—Second and Third Wards, which include the territory of the late Towns of Newtown and Flushing. Court-room, in Court-house of late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, New York.
WILLIAM RASQUIN JR., Justice. HENRY WALTER, Jr., Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Third District—JAMES F. McLAUGHLIN, Justice.
Court-house, Town Hall, Jamaica.
Clerk's office open from 9 A. M. to 4 P. M.
Court held on Mondays, Wednesdays and Fridays at 10 A. M.

BOROUGH OF RICHMOND.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.
JOHN J. KENNEY, Justice. FRANCIS F. LEMAN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Court held each day, except Saturdays, from 10 A. M.
Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.
GEORGE W. STAKE, Justice. PETER TIERNAN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Court held each day from 10 A. M., and continues until close of business.

DEPARTMENT OF PARKS.

DEPARTMENT OF PARKS, ARSENAL, CENTRAL PARK, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office until 3 o'clock p. m., on

THURSDAY, JUNE 19, 1902.

BOROUGH OF BROOKLYN.
FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO COMPLETE THE CENTRE PAVILION

OF THE EASTERN PARKWAY FRONT OF THE BROOKLYN INSTITUTE OF ARTS AND SCIENCES.

The time for the completion of the work and the full performance of the contract is three hundred consecutive working days.

The amount of security required is one hundred thousand dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum, or, in the alternative, as described in the contract.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Department, in Prospect Park, the Borough of Brooklyn, and at the office of the Architects, McKim, Mead & White, No. 160 Fifth avenue, Manhattan.

WILLIAM R. WILLCOX,

JOHN E. EUSTIS,

RICHARD YOUNG,

Commissioners of Parks.

Dated, June 6, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

jc7,19

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, JUNE 19, 1902.

FOR FURNISHING AND DELIVERING OATS AND STRAW IN CLAREMONT AND BRONX PARKS, BOROUGH OF THE BRONX, IN THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is thirty consecutive working days.

The amount of security required is one hundred and fifty (\$150) dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Department of Parks, the Borough of The Bronx, Zbrowski Mansion, Claremont Park.

WILLIAM R. WILLCOX,

JOHN E. EUSTIS,

RICHARD YOUNG,

Commissioners of Parks.

Dated, June 4, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

jc7,19

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, JUNE 19, 1902.

No. 1. FOR FURNISHING AND DELIVERING PARK IMPLEMENTS AND TOOLS, ROAD MACHINERY, HYDRAULIC RAM, CARTS, HARDWARE, ETC., WHERE REQUIRED, IN PARKS, BOROUGH OF THE BRONX, IN THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is thirty consecutive working days.

The amount of security required is twelve hundred dollars.

No. 2. FOR FURNISHING AND DELIVERING PAINTS, OILS AND PAINTER'S SUPPLIES, AT ZBROWSKI MANSION, CLAREMONT PARK, BOROUGH OF THE BRONX, IN THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is thirty consecutive working days.

The amount of security required is five hundred dollars.

No. 3. FOR FURNISHING AND DELIVERING LUMBER, WHERE REQUIRED, IN PARKS, BOROUGH OF THE BRONX, IN THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is thirty days.

The amount of security required is one thousand dollars.

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Parks, the Borough of The Bronx, Zbrowski Mansion, Claremont Park.

WILLIAM R. WILLCOX,

JOHN E. EUSTIS,

RICHARD YOUNG,

Commissioners of Parks.

Dated, June 2, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

jc7,19

DEPARTMENT OF PARKS, ARSENAL, CENTRAL PARK, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office until 3 o'clock p. m., on

THURSDAY, JUNE 12, 1902.

Borough of Manhattan.
FOR THE CONSTRUCTION OF WILLIAM H. SEWARD PARK, BOUNDED BY HESTER, ESSEX, NORFOLK, DIVISION AND CANAL STREETS, IN THE BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is on or before September 15, 1902.

The amount of security required is thirty thousand dollars (\$30,000).

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and the plans and drawings may be seen at the office of the Department, Arsenal, Central Park, the Borough of Manhattan.

Dated, May 29, 1902.

WILLIAM R. WILLCOX,

JOHN E. EUSTIS,

RICHARD YOUNG,

Commissioners of Parks.

See General Instructions to Bidders on the last page, last column of the "City Record."

m31,je12

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, FIFTH AVENUE AND SIXTY-FOURTH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, JUNE 12, 1902.

FOR FURNISHING AND ERECTING WROUGHT IRON PICKET FENCE AROUND CONEY ISLAND PARK, IN THE BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is sixty consecutive working days.

The amount of security required is seven thousand dollars.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Parks, the Boroughs of Brooklyn and Queens, Litchfield Mansion, Prospect Park.

WILLIAM R. WILLCOX,
JOHN E. EUSTIS,
RICHARD YOUNG,
Commissioners of Parks.

Dated, May 31, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

m31,j12

BOROUGH OF BROOKLYN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL DEPARTMENT BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m., on

WEDNESDAY, JUNE 18, 1902,

Borough of Brooklyn.

No. 1. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF GARDEN STREET, FROM FLUSHING AVENUE TO BUSHWICK AVENUE.

The Engineer's estimate of the quantities is as follows:

2,125 square yards of granite pavement, with tar and gravel joints.

40 square yards of old stone pavement, to be relaid.

410 cubic yards of concrete.

1,190 linear feet of new bluestone curb, to be set.

60 linear feet of old bluestone curb, to be relaid.

400 square feet of new granite bridge stone.

100 square feet of old bridge stone, to be relaid.

Time for the completion of the work and the full performance of the contract is twenty (20) days.

The amount of security required is \$3,000.

No. 2. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT ON A CONCRETE FOUNDATION, THE ROADWAY OF AMITY STREET BETWEEN COLUMBIA STREET AND THE EAST RIVER.

The Engineer's estimate of the quantities is as follows:

1,340 square yards of granite pavement, with tar and gravel joints.

10 square yards of old stone pavement, to be relaid.

255 cubic yards of concrete.

570 linear feet of new bluestone curb, to be set.

140 linear feet of old bluestone curb, to be relaid.

100 square feet of new granite bridge stone.

130 square feet of old bridge stone, to be relaid.

Time for the completion of the work and the full performance of the contract is twenty (20) days.

The amount of security required is \$2,000.

No. 3. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT, ON A CONCRETE FOUNDATION, THE ROADWAY OF HUDSON AVENUE FROM SANDS STREET TO THE EAST RIVER.

The Engineer's estimate of the quantities is as follows:

5,660 square yards of granite pavement, with tar and gravel joints.

100 square yards of old stone pavement, to be relaid.

1,110 cubic yards of concrete.

3,570 linear feet of new bluestone curb, to be set.

100 linear feet of old bluestone curb, to be relaid.

1,100 square feet of new granite bridge stone.

300 square feet of old bridge stone, to be relaid.

Time for the completion of the work and the full performance of the contract is thirty (30) days.

The amount of security required is \$7,000.

No. 4. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT, ON A CONCRETE FOUNDATION, THE ROADWAY OF PROSPECT AVENUE BETWEEN FOURTH AVENUE AND SEVENTH AVENUE.

The Engineer's estimate of the quantities is as follows:

10,430 square yards of granite pavement, with tar and gravel joints.

80 square yards of old stone pavement, to be relaid.

1,980 cubic yards of concrete.

4,100 linear feet of new bluestone curb, to be set.

260 linear feet of old bluestone curb, to be relaid.

500 square feet of new granite bridge stone.

150 square feet of old bridge stone, to be relaid.

Time for the completion of the work and the full performance of the contract is forty-five (45) days.

The amount of security required is \$12,000.

No. 5. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT, ON A CONCRETE FOUNDATION, THE ROADWAY OF HOYT STREET FROM UNION STREET TO ATLANTIC AVENUE.

The Engineer's estimate of the quantities is as follows:

5,425 square yards of granite pavement, with tar and gravel joints.

150 square yards of old stone pavement, to be relaid.

1,130 cubic yards of concrete.

4,750 linear feet of new bluestone curb, to be set.

110 linear feet of old bluestone curb, to be relaid.

930 square feet of new granite bridge stone.

300 square feet of old bridge stone, to be relaid.

Time for the completion of the work and the full performance of the contract is thirty (30) days.

The amount of security required is \$7,000.

No. 6. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF MANHATTAN AVENUE FROM GRAND STREET TO MEEKER AVENUE.

The Engineer's estimate of the quantities is as follows:

8,550 square yards of granite pavement with tar and gravel joints.

180 square yards of old stone pavement to be relaid.

1,640 cubic yards of concrete.

4,450 linear feet of new bluestone curb to be set.

150 linear feet of old bluestone curb to be relaid.

1,530 square feet of new granite bridge stone.

300 square feet of old bridge stone to be relaid.

Time for the completion of the work and the full performance of the contract is forty (40) days.

The amount of security required is \$10,000.

No. 7. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT ON A SAND FOUNDATION THE ROADWAY OF MELROSE STREET FROM HAMBURG AVENUE TO FLUSHING AVENUE.

The Engineer's estimate of the quantities is as follows:

4,410 square yards of granite pavement with sand joints.

50 square yards of old stone pavement to be relaid.

2,350 linear feet of new bluestone curb to be set.

260 linear feet of old bluestone curb to be relaid.

360 square feet of new granite bridge stone.

100 square feet of old bridge stone to be relaid.

Time for the completion of the work and the full performance of the contract is thirty (30) days.

The amount of security required is \$4,000.

No. 8. FOR REGULATING AND REPAVING WITH GRANITE PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF THIRD AVENUE FROM ATLANTIC AVENUE TO UNION STREET.

The Engineer's estimate of the quantities is as follows:

6,040 square yards of granite pavement with tar and gravel joints.

80 square yards of old stone pavement to be relaid.

1,250 cubic yards of concrete.

4,870 linear feet of new bluestone curb to be set.

100 linear feet of old bluestone curb to be relaid.

9,950 square feet of old flagstones to be relaid.

1,100 square feet of new granite bridge stone.

300 square feet of old bridge stone to be relaid.

Time for the completion of the work and the full performance of the contract is thirty-five (35) days.

The amount of security required is \$9,000.

No. 9. FOR REGULATING, GRADING, CURBING AND GUTTERING SEVENTY-SECOND STREET FROM SIXTH AVENUE TO FORT HAMILTON AVENUE.

The Engineer's estimate of the quantities is as follows:

905 square yards of brick gutters.

2,880 linear feet of new bluestone curb to be set.

4,208 cubic yards of earth excavation.

1,046 cubic yards of earth filling to be furnished.

Time for the completion of the work and the whole performance of the contract is thirty-five (35) days.

The amount of security required is \$3,000.

No. 10. FOR REGULATING, GRADING, CURBING AND GUTTERING FIFTY-FOURTH STREET FROM SEVENTH AVENUE TO FORT HAMILTON AVENUE.

The Engineer's estimate of the quantities is as follows:

1,573 square yards of brick gutters.

1,573 linear feet of new bluestone curb to be set.

2,748 cubic yards of earth excavation.

15,507 cubic yards of earth filling to be furnished.

1,744 square feet of new bluestone bridging.

Time for the completion of the work and the whole performance of the contract is forty-five (45) days.

The amount of security required is \$4,000.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard or other unit of measure. The extensions must be made and footed up, as the bids will be read from the total, and awards made to the lowest bidder. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Assistant Commissioner of Public Works, Borough of Brooklyn, Room 15, Municipal Building.

J. EDW. SWANSTROM,
President.

Dated June 5, 1902.

j6,j18

See General Instructions to Bidders on the last page, last column of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL DEPARTMENT BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m., on

Wednesday, June 11, 1902.

No. 1. FOR FURNISHING AND DELIVERING 1,000 GROSS TONS (2,240 POUNDS TO A TON) OF THE BEST GRADES OF WHITE ASH ANTHRACITE COAL, PEASIZE, TO THE SEVERAL SEWAGE DISPOSAL WORKS IN THE TWENTY-SIXTH AND THIRTY-FIRST WARDS, BOROUGH OF BROOKLYN.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1902.

The amount of security required is two thousand dollars (\$2,000).

No. 2. FOR FURNISHING AND DELIVERING 2,230 CUBIC YARDS OF BROKEN TRAP ROCK, 825 CUBIC YARDS OF TRAP ROCK SCREENINGS, 650 CUBIC YARDS OF BROKEN LIMESTONE AND 450 CUBIC YARDS OF LIMESTONE SCREENINGS.

The time for the delivery of the articles, materials and supplies and the full performance of the contract is on or before August 1, 1902.

The amount of security required is two thousand dollars (\$2,000).

No. 3. FOR FURNISHING AND DELIVERING 4,400 CUBIC YARDS OF CLEAN SHARP SAND AT THE VARIOUS CORPORATION YARDS IN THE BOROUGH OF BROOKLYN.

The time for the delivery of the articles, materials and supplies and the full performance of the contract is on or before November 1, 1902.

The amount of security required is one thousand dollars (\$1,000).

Bids to be received for delivery at each yard separately.

The bidder will state the price of each item or article contained in the specifications or schedules per ton, cubic yard or other unit of measure. The extensions must be made and footed up, as the bids will be read from the total.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and other information can be obtained at the office of the Assistant Commissioner of Public Works, Room 15, Municipal Building, Borough of Brooklyn.

J. EDWARD SWANSTROM,
President.

THE CITY OF NEW YORK, May 20, 1902.

m26,j11

See General Instructions to Bidders on the last page, last column of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 15, MUNICIPAL DEPARTMENT BUILDING, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at the above office until 11 o'clock a. m., on the 11th day of June, 1902.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO REPLACE AND REBUILD A 16-INCH CAST-IRON OUTLET SEWER AT THE FOOT OF FIFTEENTH AVENUE, IN THE BOROUGH OF BROOKLYN.

The Engineer's estimate of the quantity and quality of the material and the nature and extent, as near as possible, of the work required is as follows:

710 linear feet 16-inch cast-iron pipe sewer.

The time for the completion of the work and the full performance of the contract is sixty working days.

The amount of security required is \$1,500.

The plans and drawings may be seen and other information obtained at the office of the Assistant Commissioner of Public Works, Room 15, Municipal Building, Borough of Brooklyn.

J. EDWARD SWANSTROM,
President.

THE CITY OF NEW YORK, May 20, 1902.

m26,j11

See General Instructions to Bidders on the last page, last column of the "City Record."

BOARD OF ASSESSORS.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved or unimproved land affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz:

BOROUGH OF MANHATTAN.

List 6829, No. 1. Sewer in One Hundred and Sixty-fourth street, between Amsterdam avenue and Kingsbridge road; and in Kingsbridge road, east and west sides, between One Hundred and Sixty-second street and One Hundred and Sixty-fifth street.

List 6971, No. 2. Sewer in Lexington avenue, west side, between Fifty-fifth street and Fifty-first street.

List 7062, No. 3. Sewers in Lexington avenue, east and west sides, between Seventy-fifth street and Seventy-sixth street.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Kingsbridge road, from One Hundred and Sixty-second street to One Hundred and Sixty-fifth street; both sides of One Hundred and Sixty-fourth street, from Amsterdam avenue to Broadway; block bounded by One Hundred and Sixty-fourth street and One Hundred and Sixty-fifth street, Broadway and Kingsbridge road; and the Kingsbridge Railway Company, Third Avenue Railroad Company and Interurban Street Railway Company.

No. 2. Block bounded by Fifty-fifth street and Fifty-first street, Lexington avenue and Park avenue, Lexington avenue and Pavia Ferry Railroad Company, Metropolitan Street Railway Company and Interurban Street Railway Company.

No. 3. West side of Lexington avenue, from Seventy-fifth street to Seventy-sixth street; east side of Lexington avenue, extending about 102 feet north of Seventy-fifth street, Lexington Avenue and Pavia Ferry Railroad Company, Metropolitan Street Railway Company and Interurban Street Railway Company.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before June 10, 1902, at 3 p. m., at which time and place the said objections will be heard and testimony received in reference thereto.

BENJAMIN E. HALL,
HENRY B. KETCHAM,
ENOCH VREELAND,
Board of Assessors.

WILLIAM H. JASPER, Secretary, No. 320 Broadway.

CITY OF NEW YORK, BOROUGH OF MANHATTAN,

June 7, 1902. j67,19

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH, SOUTHWEST CORNER FIFTY-FIFTH STREET AND SIXTH AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health at the above office until 11 o'clock a. m., on

WEDNESDAY, JUNE 18, 1902.

Title: Contract for Grocery Supplies.

No. 2. FOR FURNISHING AND DELIVERING GROCERY SUPPLIES TO THE WILLARD PARKER AND RECEPTION HOSPITALS, AT THE FOOT OF EAST SIXTEENTH STREET, BOROUGH OF MANHATTAN; THE RIVERSIDE HOSPITAL, AT NORTH BROTHER ISLAND, BOROUGH OF THE BRONX, AND THE KINGSTON AVENUE HOSPITAL, AT KINGSTON AVENUE AND PENNIMORE STREET, BOROUGH OF BROOKLYN, NEW YORK CITY, DURING THE YEAR 1902.

The time for the delivery of the articles, materials and supplies and the performance of the contract is during the year 1902.

The amount of security required shall be fifty per cent (50 per cent.) of the amount of the bid or estimate.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each class and awards made to the lowest bidder on each class. Samples will be on exhibition at the office of the Department of Health, southwest corner Fifty-fifth street and Sixth avenue, until the bids are opened.

If two or more bids for the same class are found to be at the same price, which price is the lowest price bid, the contract will be awarded by lot to one of the lowest bidders.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed at the Willard Parker, Reception, Riverside and Kingston Avenue Hospitals, as set forth in the specifications. The weight, measure, etc., will be allowed as received at the hospitals.

Blank forms and further information may be obtained at the office of the Department of Health, Borough of Manhattan, southwest corner Fifty-fifth street and Sixth avenue.

ERNEST J. LEDERLE, Ph. D., President.

ALVAH H. DOTY, M. D.,

JOHN N. PARTRIDGE,
Board of Health.

Dated, June 6, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

j66,18

DEPARTMENT OF HEALTH, SOUTHWEST CORNER FIFTY-FIFTH STREET AND SIXTH AVENUE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES, INCLOSED in a sealed envelope, with the title of the supply and the name of the bidder indorsed thereon, will be received at the above office until 11 o'clock a. m., on Wednesday, June 11, 1902, at which time and place the bids received will be publicly opened by the head of the Department.

Borough of Brooklyn.

Title: Contract for Coal.

No. 1. For furnishing and delivering one thousand tons of White Ash Coal, pea size, for the Kingston Avenue Hospital, Kingston Avenue and Fenimore Street, Borough of Brooklyn.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1902.

The amount of security required is two thousand five hundred dollars.

The bids will be compared and the contract awarded at a lump or aggregate sum for 1,000 tons.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Secretary of the Department, the Borough of Manhattan, corner of Fifty-fifth street and Sixth avenue.

ERNEST J. LEDERLE,
President.

AL

A candidate who receives less than 75 per cent. on the "technical" paper will not be placed upon the eligible list. A candidate who receives 75 per cent. or more on the "technical" paper, and less than 70 per cent. on all will not be placed upon the eligible list.

This examination will be without reference to grade, and is intended to secure eligibles whose knowledge of chemistry is sufficiently comprehensive to cover analyses of asphalt and its combinations, and other special analyses. The salary attached to this position will range from \$1,050 upward.

A vacancy at present exists in the office of the Borough President, Borough of the Bronx. The compensation attached to this position is \$2,000 per annum.

GEORGE McANENY,
Secretary.

J6-18

MUNICIPAL CIVIL SERVICE COMMISSION, No. 346
BROADWAY, NEW YORK, Saturday, May, 24, 1902.

PUBLIC NOTICE IS HEREBY GIVEN THAT examinations will be held for the following positions:

ARCHITECTURAL DRAUGHTSMAN, First Grade.—Monday, June 9, 1902, at 10 o'clock a. m.

The receipt of applications for this position will close on June 7 at 12 o'clock m.

The scope of the examination will be as follows:

Subjects.	Weights.
Technical knowledge.....	6
Experience	2
Arithmetic	1
Handwriting	1

The position, which covers the lowest grade of Architectural Draughtsman, is of the apprentice class, corresponding to the position known as "Junior Assistant Architectural Draughtsman." Those passing the examination will be eligible to appointment at \$750 per annum, or less. Vacancies at present exist in the Building Bureau of the Department of Education at salaries of from \$8 to \$12 per week.

TYPEWRITING COPYIST, First Grade.—Wednesday, June 11, 1902, at 10 o'clock a. m.

The receipt of applications for this position will close on Monday, June 9, at 4 o'clock p. m.

The scope of the examination will be as follows:

Subjects.	Weights.
Accuracy	4
Speed	2
Spelling	1
Handwriting	1
Letter-writing	1
Arithmetic	1

Candidates will be required to provide their own typewriters for the day of the examination. Those passing successfully will be eligible for appointment to vacancies in any department as they arise, at an annual salary of \$750 or less. Nineteen positions at \$750 per annum are about to be filled in the Tenement House Department.

GEORGE McANENY,
Secretary.

MUNICIPAL CIVIL SERVICE COMMISSION, No. 346
BROADWAY, NEW YORK, May 26, 1902.

PUBLIC NOTICE IS HEREBY GIVEN THAT open competitive examinations will be held for the following positions:

GENERAL INSPECTOR OF STREETS AND ROADS, BUREAU OF HIGHWAYS.—On Tuesday, June 10, 1902, at 10 o'clock a. m.

The receipt of applications for this position will close on Monday, June 9, at 4 o'clock p. m.

The scope of the examination will be as follows:

Subjects.	Weights.
Technical knowledge.....	6
Experience	2
Arithmetic	1
Handwriting	1

A candidate who receives less than 75 per cent. on the "technical" paper will not be placed upon the eligible list. A candidate who receives 75 per cent. or more on the "technical" paper, and less than 70 per cent. on all, will not be placed upon the eligible list.

The minimum per cent. required to pass this examination is 70. The duties of the position will be to examine all the pavements of the streets and roads, and have general supervision of the repairs to the same. The position corresponds to the former position of Superintendent of Streets and Roads in the former Department of Highways.

The salary attached to the position is \$2,550 per annum.

CHEMIST, Second Grade.—On Monday, June 16, 1902, at 10 o'clock a. m.

The receipt of applications for this position will close on Friday, June 13, at 4 o'clock p. m.

The scope of the examination will be as follows:

Subjects.	Weights.
Technical knowledge.....	6
Experience	2
Arithmetic	1
Handwriting	1

A candidate who receives less than 75 per cent. on the "technical" paper will not be placed upon the eligible list. A candidate who receives 75 per cent. or more on the "technical" paper, and less than 70 per cent. on all, will not be placed upon the eligible list.

The position corresponds to that formerly advertised for under the title of "Assistant Chemist." The salary attached to the position is \$900 per annum. Two vacancies at present exist in the Department of Public Charities.

APOTHECARY, Grade 1.—On Monday, June 16, 1902, at 10 o'clock a. m.

The receipt of applications for this position will close on Friday, June 13, at 4 o'clock p. m.

The scope of the examination will be as follows:

Subjects.	Weights.
Technical knowledge.....	6
Experience	2
Arithmetic	1
Handwriting	1

No candidate will be placed on the eligible list who receives less than 75 per cent. on the "technical" paper. A candidate who receives 75 per cent. or more on the "technical" paper, and less than 70 per cent. on all, will not be placed upon the eligible list.

Candidates must hold a certificate from the State, duly authorizing them to act in the capacity of Apothecary. Vacancies at present exist in the Department of Bellevue and Allied Hospitals. The salary attached to the position ranges from \$500 to \$750 per annum, including meals.

COURT INTERPRETER, ITALIAN.—On Wednesday, June 18, 1902, at 10 o'clock a. m.

The receipt of applications for this position will close on Monday, June 16, at 4 o'clock p. m.

The scope of the examination will be as follows:

Subjects.	Weights.
Written Translation.....	4
Oral Translation.....	4
Letter-writing (English).....	2

Candidates will be required to obtain a minimum of 70 per cent. in the examination. The salary attached to the position is \$1,200 per annum. A vacancy at present exists in the Second District Municipal Court.

GEORGE McANENY,
Secretary.

m27

BOARD OF ESTIMATE AND APPORTIONMENT.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York will give a public hearing Friday, June 6, 1902, AT 2 O'CLOCK P. M., in the Council Chamber (Room 16), City Hall, Borough of Manhattan, in the matter of revising the action of the former Board of Public Improvements reducing assessments in the following street opening proceedings:

West One Hundred and Thirty-fifth street, from the Boulevard to Riverside Drive, Borough of Manhattan.
Quarry road, from Third Avenue to Arthur Avenue, Borough of The Bronx.
Belmont place, from Arthur Avenue to Third Avenue.

Exterior street, from One Hundred and Fiftieth street to the north side of Cromwell creek.

Public places at Elton Avenue, Washington Avenue, Brook Avenue, East One Hundred and Sixty-first street and East One Hundred and Sixty-second street.

Public place at Tremont Avenue, Buckout street and the Concourse.

Tiffany street, from Intervale Avenue to Longwood Avenue.

Randall Avenue, from Truxton street and Leggett Avenue to the Bronx River.

Spoilford Avenue, from Longwood Avenue to Tiffany street.

West Farms road, from Westchester Avenue to Boston road.

Edgewater road, from Westchester Avenue to Garrison Avenue.

Macombs Dam road, from Jerome Avenue to Aqueduct Avenue.

Clay Avenue, from Webster Avenue to East One Hundred and Seventy-sixth street.

Morris Avenue, from East side of the N. Y. & H. R. R. to the Grand Boulevard and Concourse.

Vanderbilt Avenue, West, from East One Hundred and Seventy-third street to Pelham Avenue.

Crotona Avenue, from Boston road to Southern Boulevard.

East One Hundred and Sixty-second street, from Jerome Avenue to the approach of the Grand Boulevard and Concourse.

West One Hundred and Seventieth street, from Kingsbridge road to Haven Avenue. j63,6

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out East One Hundred and Fiftieth street, from Brook Avenue to St. Ann's Avenue, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the Council Chamber (Room 16), City Hall, Borough of Manhattan, City of New York, on the 13th day of June, 1902, at 10.30 o'clock a. m., at which such proposed laying out will be considered by said Board, all of which is more particularly described in the following resolutions, adopted by said Board on the 26th day of May, 1902, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out and extending East One Hundred and Fiftieth street, from Brook Avenue to St. Ann's Avenue, 175 feet northerly of East One Hundred and Forty-ninth street, in the Borough of The Bronx, City of New York, more particularly described as follows:

Beginning at a point in the eastern line of Brook Avenue distant 175 feet northerly from the intersection of the easterly line of Brook Avenue and the northern line of East One Hundred and Forty-ninth street.

Thence northerly along the eastern side line of Brook Avenue for 60 feet.

Thence easterly deflecting 90 degrees to the right for 524.50 feet to the western side line of St. Ann's Avenue.

Thence southerly on the western side line of St. Ann's Avenue for 60 feet.

Thence westerly for 524.5 feet to the point of beginning.

Said street to be 60 feet wide.

GRADES.

There is no change of grade on Brook Avenue or St. Ann's Avenue.

At the intersection of northern side line of East One Hundred and Fiftieth street and the western property line of the Port Morris branch of the New York and Hartford Railroad the elevation to be 27.0 feet above mean high water datum.

Resolved, That the President of the Borough of The Bronx cause to be prepared, for submission to this Board, three similar maps or plans for certification and filing in the manner required by law, showing, as nearly as possible, the nature and extent of the proposed laying out of the above-named street and the location of the immediate adjacent or of intersecting, open or established public streets, avenues, roads, squares or places, sufficient for the identification and location thereof.

Resolved, That this Board consider the proposed laying out and extending of the above-named street at a meeting of this Board to be held in the Council Chamber (Room 16), City Hall, on the 13th day of June, 1902, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out and extending of the above-named street will be considered at a meeting of the Board to be held at the aforesaid time and place, to be published in the "City Record" for ten days continuously, Sundays and legal holidays excepted, prior to the 13th day of June, 1902.

J. W. STEVENSON,
Secretary.

m29,j612

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out Bonner place, in the block bounded by East One Hundred and Sixty-third street, Morris Avenue, East One Hundred and Sixty-fourth street and College Avenue, running east from Morris Avenue for a distance of 225 feet, in the Borough of The Bronx, City of New York, and that a meeting of the said Board will be held in the Council Chamber (Room 16), City Hall, Borough of Manhattan, City of New York, on the 13th day of June, 1902, at 10.30 o'clock a. m., at which such proposed laying out will be considered by said Board, all of which is more particularly described in the following resolutions adopted by said Board on the 26th day of May, 1902, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out Bonner place, in the block bounded by East One Hundred and Sixty-third street, Morris Avenue, East One Hundred and Sixty-fourth street

and College Avenue, running east from Morris Avenue for a distance of 225 feet, in the Borough of The Bronx, City of New York, more particularly described as follows:

Beginning at a point on the easterly line of Morris Avenue distant 170.0 feet northerly to the north side of East One Hundred and Sixty-third street:

1. Thence easterly deflecting 90 degrees to the right for 225.0 feet;

2. Thence northerly deflecting 90 degrees to the left for 40.0 feet;

3. Thence westerly deflecting 90 degrees to the left for 225.0 feet to the easterly line of Morris Avenue;

4. Thence southerly along said east line of Morris Avenue for 40.0 feet to the point of beginning.

Resolved, That the President of the Borough of The Bronx cause to be prepared, for submission to this Board, three similar maps or plans for certification and filing in the manner required by law, showing, as nearly as possible, the nature and extent of the proposed laying out of the above-named street and the location of the immediate adjacent or of intersecting, open or established public streets, avenues, roads, squares or places, sufficient for the identification and location thereof.

Resolved, That this Board consider the proposed laying out of the above-named street at a meeting of this Board to be held in the Council Chamber (Room 16), City Hall, Borough of Manhattan, City of New York, on the 13th day of June, 1902, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out of the above-named street will be considered at a meeting of this Board to be held at the aforesaid time and place, to be published in the "City Record" for ten days continuously, Sundays and legal holidays excepted, prior to the 13th day of June, 1902.

J. W. STEVENSON,
Secretary.

m29,j612

DEPARTMENT OF EDUCATION.

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

FRIDAY, JUNE 20, 1902.

BOROUGH OF THE BRONX.
FOR THE GENERAL CONSTRUCTION OF NEW P. S. 145, NORTHERLY SIDE OF ONE HUNDRED AND SIXTY-FIFTH STREET, BETWEEN TINTON AND UNION AVENUES, BOROUGH OF THE BRONX.

The time of completion is 350 days.

The amount of security required is \$100,000.

The award shall be made to the lowest bidder, according to law. The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth street, Borough of Manhattan.

C. B. J. SNYDER,
Superintendent of School Buildings.

THE CITY OF NEW YORK, June 7, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record." j67,20

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

MONDAY, JUNE 16, 1902.

Borough of Brooklyn.
CONTRACT No. 1. INSTALLING ELECTRIC LIGHT WIRING, FIXTURES AND ELECTRIC BELL SYSTEM, PUBLIC SCHOOL 129, SOUTHERLY SIDE OF QUINCY STREET, BETWEEN STUYVESANT AVENUE AND LEWIS AVENUE.

The time of completion on contract No. 1 is 60 days.

On contract No. 2, 60 days.

Amount of security required on contract No. 1 is \$3,000.

Upon contract No. 2 the security required will be \$1,700.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Superintendent at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth street, Borough of Manhattan. Also at branch offices as follows: No. 131 Livingston street, Borough of Brooklyn, for their respective boroughs.

C. B. J. SNYDER,
Superintendent of School Buildings.

Dated, June 5, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record." j64,16

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

FRIDAY, JUNE 13, 1902.

Borough of Manhattan.
FOR THE GENERAL CONSTRUCTION OF NEW PUBLIC SCHOOL 31, SOUTHERLY CORNER OF MONROE STREET AND GOUVERNEUR STREET, BOROUGH OF MANHATTAN.

The time for completion is 390 days.

Amount of security, \$100,000.

Bids will be compared and the contract awarded

ed at a lump or aggregate sum for each contract. Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth street, Borough of Manhattan.

C. B. J. SNYDER,
Superintendent of School Buildings.

Dated May 31, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record." m31,j613

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

WEDNESDAY, JUNE 11, 1902.

Borough of The Bronx.
No. 1. NEW FURNITURE IN ADDITION TO PUBLIC SCHOOL 164, ONE HUNDRED AND FORTY-FIRST STREET, NEAR BROOK AVENUE, BOROUGH OF THE BRONX.

Time of completion on contract No. 1, 60 days.

Amount of security required is: \$250 on item 1, contract No. 1; \$350 on item 2, contract No. 1.

Borough of Queens.
No. 2. CONSTRUCTING FIRE ESCAPE ON THE REAR OF PUBLIC SCHOOL 9 (HIGH SCHOOL), FULTON AVENUE, BETWEEN MONSON STREET AND HALSEY STREET, LONG ISLAND CITY, BOROUGH OF QUEENS.

Time of completion on contract No. 2, 60 days.

Amount of security required upon Contract No. 2, \$600.

The bidder will state the price of each item contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each item and awards made to the lowest bidder on each item.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of the Board of Education, Park Avenue and Fifty-ninth street, Borough of Manhattan. Also at branch offices as follows: No. 69 Broadway, Flushing, Borough of Queens, for their respective boroughs.

C. B. J. SNYDER,
Superintendent of School Buildings.

Dated May 31, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record." m31,j611

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

TUESDAY, JUNE 10, 1902.

Borough of Brooklyn.
CONTRACT No. 1. INSTALLING HEATING AND VENTILATING APPARATUS FOR ADDITION TO AND ALTERATIONS IN PUBLIC SCHOOL 92, WESTERLY SIDE OF ROGERS AVENUE, CORNER OF ROBINSON STREET, BOROUGH OF BROOKLYN.

CONTRACT No. 2. INSTALLING HEATING AND VENTILATING APPARATUS FOR NEW PUBLIC SCHOOL 140, NORTHERLY SIDE OF SIXTIETH STREET, WEST OF FOURTH AVENUE, BOROUGH OF BROOKLYN.

CONTRACT No. 3. SANITARY WORK AT NEW PUBLIC SCHOOL 141, WESTERLY SIDE OF LEONARD STREET BETWEEN McKIBBIN AND BOEKUM STREETS, BOROUGH OF BROOKLYN.

Borough of Queens.
CONTRACT No. 4. INSTALLING ELECTRIC LIGHT WIRING, FIXTURES AND ELECTRIC BELL SYSTEM, NEW PUBLIC SCHOOL 80, GREENPOINT AVENUE AND PEARSALE STREET, EAST OF BRADLEY AVENUE, LONG ISLAND CITY, BOROUGH OF QUEENS.

CONTRACT No. 5. INSTALLING HEATING AND VENTILATING APPARATUS IN NEW PUBLIC SCHOOL 80, BOROUGH OF QUEENS.

Time of completion on Contract No. 1 is sixty days.

Contract No. 2, sixty days.

Contract No. 3, Oct. 22, 1902.

Contract No. 4, sixty days.

Contract No. 5, sixty days.

Security required is \$5,000 on Contract No. 1.

\$12,000 on Contract No. 2.

\$5,000 on Contract No. 3.

\$2,300 on Contract No. 4.

\$7,000 on Contract No. 5.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. Bids

Borough of Brooklyn.
No. 1. FOR ALTERATIONS TO PUBLIC SCHOOL NO. 106, ON THE NORTH-WEST CORNER OF CORNELIA STREET AND HAMBURG AVENUE, BOROUGH OF BROOKLYN.
Borough of Manhattan.
No. 2. FOR INSTALLING ELECTRIC LIGHT WIRING, FIXTURES AND ELECTRIC BELL SYSTEM IN NEW HIGH SCHOOL OF COMMERCE, SIXTY-FIFTH AND SIXTY-SIXTH STREETS, BETWEEN AMSTERDAM AVENUE AND BROADWAY, BOROUGH OF MANHATTAN.
Time of completion on contract No. 1 is 100 working days.
Time of completion on contract No. 2 is 100 working days.
Security required on contract No. 1 is \$19,000.
Security required on contract No. 2 is \$13,000.
The bids will be compared and the contract awarded at a lump or aggregate sum.
The plans and drawings for the work herein mentioned may be seen, and other information obtained at the office of the Superintendent at Estimating Room, Hall of the Board of Education, Park avenue and Fifty-ninth street, Borough of Manhattan. Also at branch office, No. 131 Livingston street, Borough of Brooklyn, for their respective boroughs.

C. B. J. SNYDER,
Superintendent of School Buildings.
The City of New York, May 28, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

m28,jeg

DEPARTMENT OF EDUCATION, CORNER PARK AVENUE AND FIFTY-NINTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education, until 12 o'clock noon, on

THURSDAY, JUNE 12, 1902.

Borough of Queens.

FURNITURE, NEW PUBLIC SCHOOL 80, GREENPOINT AVENUE AND PEARSALL STREET, EAST OF BRADLEY AVENUE, LONG ISLAND CITY, BOROUGH OF QUEENS.

Time of completion, 60 days.
Amount of security required is: \$500 on item 1, \$300 on item 2 and \$700 on item 3.
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereinafter annexed, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each item and awards made to the lowest bidder on each item.
Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.
Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Superintendent, at Estimating Room, Hall of Board of Education, Park avenue and Fifty-ninth street, the Borough of Manhattan, also at branch office, No. 60 Broadway, Flushing, Borough of Queens, for their respective Borough.

C. B. J. SNYDER,
Superintendent of School Buildings.
Dated June 2, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

je2,12

ARMORY BOARD.

THE ARMORY BOARD, No. 280 BROADWAY, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by The Armory Board at the above office until 10.30 o'clock, a. m., on Monday, the 9th day of June, 1902.

Borough of Brooklyn.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED IN THE ERECTION OF THE PROPOSED SHEET PILE BULKHEAD PLATFORM, EXCAVATING AND FILLING, FOR THE SECOND BATTALION NAVAL MILITIA, N. G. N. Y., TO BE ERECTED ON THE UPPER BAY, EXTENDING FROM 51ST TO 52D STREETS, IN THE BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is seventy working days.

The amount of security required is Eight Thousand Dollars. Bids will be compared and the contract awarded at a lump or aggregate sum.
Blank forms and further information may be obtained and the plans and drawings may be seen at the office of The Armory Board, No. 280 Broadway.

THE ARMORY BOARD.

SETH LOW,

Mayor.

JAMES MCLEER,

Brigadier-General, Commanding First Brigade.

GEORGE MOORE SMITH,

Brigadier-General, Commanding Second Brigade.

JAMES L. WELLS,

President of the Department of Taxes and Assessments.

CHARLES V. FORNES,

President of the Board of Aldermen.

Dated May 23, 1902.
See General Instructions to Bidders on the last page, last column of the "City Record."

m24

DEPARTMENT OF DOCKS AND FERRIES.

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock m., on

MONDAY, JUNE 16, 1902.

Borough of Manhattan.

TITLE: CONTRACT NO. 737. FOR FURNISHING AND DELIVERING GRANITE STONES FOR BULK-HEAD OR RIVER WALL; 21,750 CUBIC FEET REQUIRED.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 120 calendar days.
The amount of security required is Ten Thousand Dollars. Bids will be compared and

the contract awarded at a lump or aggregate sum.

TITLE: CONTRACT NO. 738. FOR FURNISHING AND DELIVERING AND PUTTING IN PLACE SMALL COBBLE AND RIP RAP STONES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is on or before the expiration of 180 calendar days.

The amount of security required is as follows: For Class I, \$4,200; for Class II, \$3,200.

TITLE: CONTRACT NO. 739. FOR DREDGING ON THE EAST AND HARLEM RIVERS, BOROUGH OF MANHATTAN, BROOKLYN, QUEENS AND THE BRONX.

The time for the completion and the performance of the contract is on or before January 31, 1903.

The amount of security required is Eleven Thousand Dollars.

TITLE: CONTRACT NO. 735. FOR FURNISHING AND DELIVERING ABOUT 2,000 TONS OF ANTHRACITE COAL.

The time for the delivery of the materials and supplies and the performance of the contract is on or before the expiration of 180 calendar days.

The amount of security required is Three Thousand Six Hundred Dollars.

Upon Contract No. 738 the bidder will state the price for each class contained therein, by which the bids will be tested. The bids will be compared and the contracts, Nos. 737, 739 and 735, awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Department of Docks and Ferries, the Borough of Manhattan, Pier "A," Battery place, North river.

McDOUGALL HAWKES,

Commissioner of Docks.

Dated June 3, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

OFFICIAL PAPERS.

"Tribune," "Mail and Express," "Evening Post," "World," "Real Estate Record," "Harper's Weekly," "Staats-Zeitung."

PHILIP COWEN, Supervisor.

January 9, 1902.

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.

PHILIP COWEN, Supervisor.

FIRE DEPARTMENT.

FIRE DEPARTMENT, CITY OF NEW YORK, BOROUGH OF BROOKLYN AND QUEENS, June 6, 1902.

LOUIS WORTH, auctioneer, on behalf of the Fire Department of the City of New York, Boroughs of Brooklyn and Queens, will offer for sale at public auction, to the highest bidder for cash, at the Hospital and Training Stables, corner of St. Edwards and Bolivar streets, Borough of Brooklyn, on Thursday, June 12, 1902, at 12 M., the following six horses, no longer fit for service in the Department, and known as Nos. 140, 274, 342, 637, 663 and 684.

THOMAS STURGIS,

Commissioner.

HEADQUARTERS FIRE DEPARTMENT, Nos. 157 and 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK, June 5, 1902.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office of the Fire Department until 10 o'clock a. m. of

TUESDAY, JUNE 17, 1902,

for the following:

Borough of Brooklyn.

FOR FURNISHING ALL THE LABOR AND MATERIALS FOR MAKING AND COMPLETING THE REPAIRS AND ALTERATIONS TO THE FIRE-BOAT ZOPHAR MILLS (ENGINE 51).

The time allowed for making and completing the repairs and alterations will be one hundred and twenty (120) days.

The surety required will be twenty thousand dollars (\$20,000).

The bidder shall state one aggregate price for the whole work described and specified as the contract is entire and for a complete job.

Blank forms of bid or estimate, and also the proper envelope in which to inclose the same, can be obtained and the form of agreement, including specifications, approved as to form by the Corporation Counsel, and showing the manner of payment and the drawings or plans, can be seen upon application therefor at the office of the Fire Department, as above.

THOMAS STURGIS,

Fire Commissioner.

See General Instructions to Bidders on the last page, last column of the "City Record."

je5,17

HEADQUARTERS, FIRE DEPARTMENT, Nos. 157 and 159 EAST SIXTY-SEVENTH STREET, BOROUGH OF MANHATTAN, CITY OF NEW YORK, June 4, 1902.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office of the Fire Department until 10 a. m. of

TUESDAY, JUNE 17, 1902.

for furnishing and delivering the following supplies:

Boroughs of Brooklyn and Queens.

FOR FURNISHING AND DELIVERING TWENTY FRONT WHEELS AND TWENTY HIND WHEELS FOR WAGONS.

The time allowed for furnishing the wheels and completing the contract is forty (40) days.

The surety required will be five hundred and fifty dollars.

The bidder will state the price for each kind of wheels and the aggregate price for the whole number called for, as the contract is to cover a complete delivery.

Blank forms of bid or estimate, and also the proper envelope in which to inclose the same can be obtained and the form of agreement, including specifications, approved as to form by the Corporation Counsel, and showing the manner of

payment, can be seen upon application therefor at the office of the Fire Department, as above.

THOMAS STURGIS,

Fire Commissioner.

See General Instructions to Bidders on the last page, last column of the "City Record."

je4,17

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF EAST TWENTY-SIXTH STREET, NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES. SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 12 o'clock noon,

WEDNESDAY, JUNE 18, 1902,

FOR MATERIAL AND WORK REQUIRED FOR GENERAL REPAIRS, INCLUDING DRY DOCKING, COPPERING, PAINTING, ETC., OF THE STEAMER "THOMAS S. BRENNAN."

The time for the delivery of the articles, materials and supplies and the performance of the above contract is on or before sixty days after contract is signed.

The amount of security required is five thousand dollars (\$5,000).

HOMER FOLKS,

Commissioner.

The City of New York, June 5, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

je5,18

DEPARTMENT OF STREET CLEANING.

DEPARTMENT OF STREET CLEANING, CITY OF NEW YORK, Nos. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above address until 1 o'clock p. m. on

THURSDAY, JUNE 12, 1902.

for the contract FOR LOADING AND TRIMMING DECK SLOWS AND DUMPERS OF THE DEPARTMENT OF STREET CLEANING AND FOR THE PRIVILEGE OF SORTING AND PICKING OVER AND APPROPRIATING CERTAIN OF THE REFUSE AT THE DUMPS OF THE SAID DEPARTMENT, IN THE BOROUGH OF MANHATTAN AND THE BRONX.

The amount of security required will be five thousand (\$5,000) dollars.

The compensation to be paid to The City of New York by the contractor must be stated at a price per week for each of the dumps of the Department of Street Cleaning in the boroughs of Manhattan and The Bronx, as enumerated below, namely:

East Side. West Side.

Clinton street. Canal street.

Stanton street. West Nineteenth street.

East Twenty-ninth street. West Thirtieth street.

East Forty-sixth street. West Forty-seventh street.

East Sixty-first street. West One Hundred and

East Eighty-eighth street. Thirty-fourth street.

Tenth street.

Lincoln avenue, Harlem river.

Each bid or estimate must be accompanied by a certified check on a solvent banking corporation in The City of New York, payable to the order of the Comptroller for five per centum of the amount for which the bidder proposes to perform the work for one year as provided by section 544 of the Greater New York Charter.

N. B.—See general instructions to bidders on the last page, last column of the City Record, for further instructions, except as to the matter of the deposit paid in with the bid.

CITY OF NEW YORK, May 28, 1902.

JOHN MCG. WOODBURY,

Commissioner of Street Cleaning.

m29,je12

DEPARTMENT OF STREET CLEANING, Nos. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office of the said Department until 1 o'clock p. m., on

TUESDAY, JUNE 10, 1902.

Boroughs of Manhattan and The Bronx. For furnishing and delivering 300 Combination Can and Bag Carriers.

The time for the delivery of the articles, materials and supplies and the performance of the contracts is 60 days.

The amount of security required is 50 per cent of the amount of bid or estimate.

Any further information can be obtained at the office of the Department, Nos. 13 to 21 Park Row, Borough of Manhattan.

JOHN MCG. WOODBURY,

Commissioner of Street Cleaning.

The City of New York, May 26, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

m28,je10

ASHES, ETC., FOR FILLING IN LANDS. PERSONS HAVING LANDS OR PLACES IN the vicinity of New York Bay to fill in can procure material for that purpose—ashes, street sweepings, etc., collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, Nos. 13 to 21 Park Row, Borough of Manhattan.

JOHN MCG. WOODBURY,

Commissioner of Street Cleaning.

BOROUGH OF MANHATTAN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK, May 29, 1902.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the City Hall, Room No. 16, until 11 o'clock a. m., on

TUESDAY, JUNE 10, 1902.

Borough of Manhattan.

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ALTERATION AND IMPROVEMENT TO SEWER IN FIFTY-FIRST STREET, BETWEEN PARK AVENUE AND FIFTH AVENUE.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

760 lineal feet of brick sewer of 3 feet six inches by 2 feet 4 inches interior diameters—Class I.

30 lineal feet of brick sewer of 3 feet six inches by 2 feet 4 inches interior diameters—Class II.

36 lineal feet of 12-inch salt-glazed vitrified stoneware pipe culvert.

1 receiving basin of the circular pattern.

1,000 cubic yards of rock to be excavated and removed.

5,000 feet B. M. of timber and planking for bracing and sheet piling.

1,000 feet B. M. of timber and planking for foundation.

The time allowed for completing the whole work will be one hundred and fifty (150) working days.

The amount of the security required is five thousand five hundred (\$5,500) dollars.

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR ALTERATION AND IMPROVEMENT TO SEWER IN FIFTH AVENUE, EAST SIDE, BETWEEN FORTY-FOURTH STREET AND FORTY-FIFTH STREET.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

200 lineal feet of 15-inch salt-glazed vitrified stoneware pipe sewer.

12 lineal feet of 12-inch salt-glazed vitrified stoneware pipe culvert.

25 cubic yards of rock to be excavated and removed.

20,000 feet B. M. of timber and planking for bracing and sheet piling.

1,000 feet B. M. of timber and planking for foundation.

300 linear feet of fencing.

The time allowed for completing the whole work will be Forty (40) working days.

The amount of the security required is fifteen hundred (\$1,500) dollars.

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

The plans and drawings may be seen and other information obtained at the office of the Commissioner of Public Works, Nos. 13-21 Park Row, Bureau of Sewers, Borough of Manhattan.

JACOB A. CANTOR,

Borough President.

The City of New York, May 29, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

m29,je10

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, ROOM 16, CITY HALL, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan at the above office until 11 o'clock a. m., on

TUESDAY, JUNE 10, 1902,

FOR REPAIRING SIDEWALKS ON THE NORTHWEST CORNER OF MADISON AVENUE AND NINETY-SEVENTH STREET, EXTENDING ALONG MADISON AVENUE FOR A DISTANCE OF 115 FEET, MORE OR LESS, AND ALONG NINETY-SEVENTH STREET FOR A DISTANCE OF 110 FEET, MORE OR LESS.

The Engineer's estimate of the amount of work to be done is as follows:

1,776 sq. ft. new flagging, to furnish and lay.

100 lin. ft. new curbstone, to furnish and set.

134 lin. ft. old curbstone, to reset.

100 cub. yds. filling, to furnish.

OR REPAIRING SIDEWALKS OPPOSITE NOS. 4 TO 10 EAST ONE HUNDRED AND SEVENTEENTH STREET, INCLUSIVE.

The Engineer's estimate of the amount of work to be done is as follows:

360 sq. ft. new flagging, to furnish and lay.

40 sq. ft. old flagging, to relay.

25 lin. ft. new curbstone, to furnish and set.

15 lin. ft. old curbstone, to reset.

15 cub. yds. filling, to furnish.

FOR REPAIRING SIDEWALKS SOUTH SIDE OF EAST SEVENTY-SIXTH STREET, FROM EAST LINE OF NO. 502 EAST SEVENTY-SIXTH STREET TO WEST LINE OF NO. 512.

The Engineer's estimate of the amount of work to be done is as follows:

210 sq. ft. new flagging, to furnish and lay.

90 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS WESTERLY SIDE ST. NICHOLAS TERRACE, FROM ONE HUNDRED AND TWENTY-SEVENTH

The Engineer's estimate of the amount of work to be done is as follows:
140 sq. ft. new flagging, to furnish and lay.

REPAIRING SIDEWALKS SOUTHWEST CORNER MADISON AVENUE AND NINETEENTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
580 sq. ft. new flagging, to furnish and lay.
450 sq. ft. old flagging, to relay.
7 cub. yds. filling, to furnish.

REPAIRING SIDEWALKS SOUTH SIDE ONE HUNDRED AND FIFTY-FIRST STREET, BETWEEN BRADHURST AVENUE AND EIGHTH AVENUE.

The Engineer's estimate of the amount of work to be done is as follows:
490 sq. ft. new flagging, to furnish and lay.
520 sq. ft. old flagging, to relay.
270 lin. ft. new curbstone, to furnish and set.

REPAIRING SIDEWALKS OPPOSITE NO. 113 WEST SIXTY-EIGHTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
85 sq. ft. new flagging, to furnish and lay.
115 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTHERLY SIDE ONE HUNDRED AND FIFTY-THIRD STREET, BETWEEN MACOMB'S DAM ROAD AND EIGHTH AVENUE.

The Engineer's estimate of the amount of work to be done is as follows:
500 sq. ft. new flagging, to furnish and lay.
470 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS NORTH SIDE OF ONE HUNDRED AND THIRTY-FIFTH STREET, FROM CONVENT AVENUE TO ST. NICHOLAS TERRACE.

The Engineer's estimate of the amount of work to be done is as follows:
445 sq. ft. new flagging, to furnish and lay.
950 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS NORTH SIDE OF SEVENTY-FIFTH STREET, EXTENDING FROM OPPOSITE NO. 501 EAST SEVENTY-FIFTH STREET EASTERLY FOR A DISTANCE OF 125 FEET, MORE OR LESS.

The Engineer's estimate of the amount of work to be done is as follows:
494 sq. ft. new flagging, to furnish and lay.
122 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS MORNINGSIDE AVENUE, BETWEEN ONE HUNDRED AND FIFTEENTH STREET AND ONE HUNDRED AND SIXTEENTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
170 sq. ft. new flagging, to furnish and lay.
215 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTH SIDE NINETEENTH STREET, FROM NO. 64 TO NO. 78 EAST NINETEENTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
680 sq. ft. new flagging, to furnish and lay.
125 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTH SIDE OF WEST ONE HUNDRED AND SIXTY-SECOND STREET, FROM THE WEST LINE OF NO. 438 WEST ONE HUNDRED AND SIXTY-SECOND STREET TO ST. NICHOLAS AVENUE.

The Engineer's estimate of the amount of work to be done is as follows:
540 sq. ft. new flagging, to furnish and lay.
485 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTH SIDE NINETEENTH STREET, BETWEEN COLUMBUS AVENUE AND CENTRAL PARK WEST, AND OPPOSITE NO. 62 WEST NINETEENTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
70 sq. ft. new flagging, to furnish and lay.
110 sq. ft. old flagging, to relay.
15 lin. ft. new curbstone, to furnish and set.
18 lin. ft. old curbstone, to reset.

REPAIRING SIDEWALKS NORTHEAST CORNER ONE HUNDRED AND FORTY-THIRD STREET AND AMSTERDAM AVENUE.

The Engineer's estimate of the amount of work to be done is as follows:
210 sq. ft. new flagging, to furnish and lay.
225 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTHWEST CORNER AMSTERDAM AVENUE AND ONE HUNDRED AND FORTY-THIRD STREET, EXTENDING ALONG ONE HUNDRED AND FORTY-THIRD STREET FOR A DISTANCE OF 115 FEET, MORE OR LESS, AND EXTENDING ALONG AMSTERDAM AVENUE FOR A DISTANCE OF 35 FEET, MORE OR LESS.

The Engineer's estimate of the amount of work to be done is as follows:
270 sq. ft. new flagging, to furnish and lay.
500 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS OPPOSITE NO. 287 WEST ONE HUNDRED AND FORTY-SEVENTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
100 sq. ft. new flagging, to furnish and lay.
REPAIRING SIDEWALKS NORTH SIDE NINETEENTH STREET, OPPOSITE NO. 53 AND 50, BETWEEN PARK AVENUE AND MADISON AVENUE.

The Engineer's estimate of the amount of work to be done is as follows:
175 sq. ft. new flagging, to furnish and lay.
625 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTH SIDE EAST FIFTY-THIRD STREET, OPPOSITE NOS. 154 AND 156.

The Engineer's estimate of the amount of work to be done is as follows:
245 sq. ft. new flagging, to furnish and lay.
105 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTH SIDE OF FORTY-NINTH STREET, OPPOSITE NOS. 46 AND 48 WEST FORTY-NINTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
95 sq. ft. new flagging, to furnish and lay.
220 sq. ft. old flagging, to relay.

FLAGGING EAST SIDE OF ST. NICHOLAS AVENUE AND WEST SIDE ST. NICHOLAS PLACE, FROM ONE HUNDRED AND FIFTY-FIRST STREET FOR A DISTANCE OF ABOUT 100 FEET NORTHERLY THEREFROM, AND ON THE NORTH SIDE OF ONE HUNDRED AND FIFTY-FIRST STREET FROM ST. NICHOLAS AVENUE TO ST. NICHOLAS PLACE.

The Engineer's estimate of the amount of work to be done is as follows:
1,280 sq. ft. new flagging, to furnish and lay.

REPAIRING SIDEWALKS AT THE SOUTHWEST CORNER OF CENTRAL PARK WEST AND SIXTY-SIXTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
320 sq. ft. new flagging, to furnish and lay.
840 sq. ft. old flagging, to relay.
7 cub. yds. filling, to furnish.

REPAIRING SIDEWALKS SOUTHEAST CORNER OF MACOMB'S DAM ROAD AND ONE HUNDRED AND FIFTY-FIRST STREET.

The Engineer's estimate of the amount of work to be done is as follows:
400 sq. ft. new flagging, to furnish and lay.
1,137 sq. ft. old flagging, to relay.
30 cub. yds. filling, to furnish.

REPAIRING SIDEWALKS EASTERLY SIDE OF CONVENT AVENUE, BETWEEN ONE HUNDRED AND TWENTY-SEVENTH STREET AND ONE HUNDRED AND TWENTY-EIGHTH STREET.

The Engineer's estimate of the amount of work to be done is as follows:
310 sq. ft. new flagging, to furnish and lay.
725 sq. ft. old flagging, to relay.
25 cub. yds. of filling, to furnish.

REPAIRING SIDEWALKS EASTERLY SIDE CLAREMONT AVENUE, FROM ONE HUNDRED AND TWENTY-FIFTH STREET SOUTH FOR A DISTANCE OF 150 FEET, MORE OR LESS.

The Engineer's estimate of the amount of work to be done is as follows:
180 sq. ft. new flagging, to furnish and lay.
450 sq. ft. old flagging, to relay.

REPAIRING SIDEWALKS SOUTH SIDE EIGHTY-SECOND STREET, FROM BROADWAY, TO WEST END AVENUE.

The Engineer's estimate of the amount of work to be done is as follows:
375 sq. ft. new flagging, to furnish and lay.
90 sq. ft. old flagging, to relay.

The time for the completion of the work and the full performance of the contract is by or before August 15, 1902.

The amount of security required is two thousand dollars.

The bidder will state the price of each item or class of work contained in the specifications or schedules, per linear foot, or square foot or cubic yard, or other unit of measure. The extensions must be made and footed up, as the bids will be read from the total.

The bids will be compared and the contract awarded at a lump or aggregate sum for the entire work designated and described.

Blank forms, specifications and any further information can be obtained at the office of the Commissioner of Public Works, Bureau of Highways, No. 21 Park row, Borough of Manhattan.

JACOB A. CANTOR,
Borough President.

THE CITY OF NEW YORK, May 29, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

ma29,jero

BOARD MEETINGS.

The Board of Estimate and Apportionment meet in the old Council Chamber (Room 16), City Hall, every Friday at 2 o'clock p. m.

JAMES W. STEVENSON,
Deputy Comptroller, Secretary.

The Commissioners of the Sinking Fund meet in the old Council Chamber (Room 16), City Hall, every Wednesday at 2 o'clock p. m.

N. TAYLOR PHILLIPS,
Deputy Comptroller, Secretary.

BOROUGH OF THE BRONX.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CORNER THIRD AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET, CROTONA PARK, NEW YORK, March 31, 1902.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 11 o'clock a. m., on

MONDAY, JUNE 16, 1902.

No. 1. FOR FURNISHING AND DELIVERING LUMBER.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1902.

The amount of security required is \$1,500.

No. 2. FOR FURNISHING AND DELIVERING COAL.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1902.

The amount of security required is \$1,500.

No. 3. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES, PLACING FENCES IN FAIRMOUNT PLACE, FROM THE SOUTHERN BOULEVARD TO CROTONA AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:
8,000 cubic yards of earth excavation.
9,200 cubic yards of rock excavation.
4,200 cubic yards of filling.
460 cubic yards of dry rubble masonry in retaining walls, culverts and gutters.
3,920 linear feet of new curbstone, furnished and set.
15,200 square feet of new flagging, furnished and laid.
700 square feet of new bridgestones for crosswalks, furnished and laid.
1,000 feet (B. M.) of lumber, furnished and laid.

The amount of security required is ten thousand dollars.

The time allowed for the completion of the whole work will be two hundred (200) consecutive working days.

No. 4. FOR PAVING WITH GRANITE BLOCK PAVEMENT THE CARRIAGEWAY OF EAST ONE HUNDRED AND FORTY-FOURTH STREET, FROM EXTERIOR STREET TO MOTT AVENUE.

The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:
2,375 square yards of granite pavement, on sand foundation.

The amount of security required is twenty-four hundred dollars.

The time allowed for the completion of the whole work will be sixty (60) consecutive working days.

The contracts must be bid for separately, and the bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms can be obtained upon application therefor, and the plans and specification may be seen and other information obtained at said office.

LOUIS F. HAFEN,
President.

THE CITY OF NEW YORK May 26, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

je3,16

DEPARTMENT OF FINANCE.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

TWELFTH WARD, SECTION 2.

COURT STREET—SEWER, between Bryant street and the bulkhead line; also, COURT STREET—OUTLET SEWER, from Bryant street to Lorraine street. Area of assessment: Both sides of Court street from Bryant street to the bulkhead line; both sides of Court street from Bryant street to Lorraine street; both sides of Creamer street extending about 151 feet west of Court street; both sides of Bay street extending about 172 feet west of Court street; both sides of Sigourney street extending about 241 feet west of Court street; both sides of Halleck street extending about 281 feet west of Court street; both sides of Percival street extending about 349 feet west of Court street; both sides of Percival street, Halleck street, Sigourney street and Bay street, extending about 112 feet east of Court street.

ELIZABETH STREET—SEWER, between Van Brunt street and the street summit situated easterly from Van Brunt street. Area of assessment: Both sides of Elizabeth street, from Van Brunt street to the street summit situated between Van Brunt street and Richards street.

TWENTY-SIXTH WARD.

SACKMAN STREET—GRADING, SETTING CEMENT CURB, LAYING CEMENT SIDEWALK, RESETTING OLD CURBSTONES, RELAYING OLD FLAGSTONES AND PAVING, between Pitkin and Liberty avenues. Area of assessment: Both sides of Sackman street between Liberty avenue and a point situated about 200 feet south of Pitkin avenue, and to the extent of one-half the blocks on the intersecting and terminating avenues.

—that the same were confirmed by the Board of Assessors on June 5, 1902, and entered on June 6, 1902, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, Room No. 85, No. 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 5, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, June 6, 1902.

je7,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

FIRST WARD, SECTION 1.

PINE STREET—SEWER, between South street and Front street. Area of assessment: Both sides of Pine street, between South street and Front street, and east side of Front street and west side of South street, between Pine street and Wall street.

TWELFTH WARD, SECTIONS 6 AND 7.

ONE HUNDRED AND TWENTY-FOURTH STREET—BASIN, at the northeast and northwest corners of Lenox avenue, between One Hundred and Twenty-fourth street and One Hundred and Twenty-fifth street, and north side of One Hundred and Twenty-fourth street, from a point situated about 205 feet easterly from Lenox avenue to a point situated about 340 feet westerly from Lenox avenue.

ONE HUNDRED AND SEVENTEENTH STREET—BASIN, at the southeast corner of Manhattan avenue. Area of assessment: Block bounded by One Hundred and Sixteenth street and One Hundred and Seventeenth street and Eighth avenue and Manhattan avenue, known as Block No. 1943.

—that the same was confirmed by the Board of Assessors on June 5, 1902, and entered on June 6, 1902, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, Room No. 85, No. 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 5, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, June 6, 1902.

je7,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF RICHMOND:

THIRD WARD.

NICHOLAS AVENUE—SEWER, from Innis street to Richmond terrace. Area of assessment: Both sides of Nicholas avenue, from Innis street to Richmond terrace; both sides of Grant street, extending about 420 feet south of Innis street; both sides of Johnson avenue and of Irving avenue, from Innis street to Second place; both sides of Innis street, from Johnson avenue to a point distant about 105 feet east of Nicholas avenue; both sides of Charles avenue, from Nicholas avenue to a point distant about 105 feet west of Irving avenue; both sides of Harrison avenue, from Nicholas avenue to Irving avenue; both sides of Second place, from Nicholas avenue to Irving avenue; both sides of First place, extending about 100 feet west of Nicholas avenue; both sides of Slight street, from Lafayette avenue to Nicholas avenue; both sides of Harrison avenue, extending about 105 feet east of Nicholas avenue; both sides of Hatfield avenue, from Richmond avenue to Nicholas avenue; both sides of Charles avenue, from Sharpe avenue to Nicholas avenue; both sides of Lafayette avenue, from Harrison avenue to a point distant about 300 feet south of Charles avenue; both sides of Brook avenue, extending about 363 feet south of Charles avenue; both sides of Elm street, from a point distant about 100 feet north of Hatfield avenue to a point distant about 204 feet south of Hatfield avenue; both sides of Sharpe avenue, from a point distant about 100 feet north of Hatfield avenue to a point distant about 204 feet south of Hatfield avenue.

—that the same was confirmed by the Board of Assessors on May 22, 1902, and entered on May 23, 1902, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien as provided by section one hundred and fifty-nine of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, Room No. 372 Richmond terrace, New Brighton, Borough of Richmond, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before July 22, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, May 23, 1902.

ma24,je7

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, Room No. 85, No. 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 5, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became a lien to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, June 6, 1902.

je7,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

EIGHTEENTH WARD, SECTION 3.

EAST FIFTEENTH STREET—REPAVING, from Avenue "A" to Avenue "C," so far as the same is within the limits of grants of land under water. Area of assessment: Both sides of Fifteenth street, between Avenue "B" and Avenue "C," and to the extent of one-half the blocks on the terminating avenues; also, Lot Nos. 16, 31, 32, 35, 36 and 45 in Block No. 972; also, Lot Nos. 17, 14, 22, 24, and 27 to 30, both inclusive, in Block No. 973.

—that the same was confirmed by the Board of Assessors on June 5, 1902, and entered on June 6, 1902, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, Room No. 85, No. 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before August 5, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT,
Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, June 6, 1902.

je7,20

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF RICHMOND:

THIRD WARD.

NICHOLAS AVENUE—SEWER, from Innis street to Richmond terrace. Area of assessment: Both sides of Nicholas avenue, from Innis street to Richmond terrace; both sides of Grant street, extending about 420 feet south of Innis street; both sides of Johnson avenue and of Irving avenue, from Innis street to Second place; both sides of Innis street, from Johnson avenue to a point distant about 105 feet east of Nicholas avenue; both sides of Charles avenue, from Nicholas avenue to a point distant about 105 feet west of Irving avenue; both sides of Harrison avenue, from Nicholas avenue to Irving avenue; both sides of Second place, from Nicholas avenue to Irving avenue; both sides of First place, extending about 100 feet west of Nicholas avenue; both sides of Slight street, from Lafayette avenue to Nicholas avenue; both sides of Harrison avenue, extending about 105 feet east of Nicholas avenue; both sides of Hatfield avenue, from Richmond avenue to Nicholas avenue; both sides of Charles avenue, from Sharpe avenue to Nicholas avenue; both sides of Lafayette avenue, from Harrison avenue to a point distant about 300 feet south of Charles avenue; both sides of Brook avenue, extending about 363 feet south of Charles avenue; both sides of Elm street, from a point distant about 100 feet north of Hatfield avenue to a point distant about 204 feet south of Hatfield avenue; both sides of Sharpe avenue, from a point distant about 100 feet north of Hatfield avenue to a point distant about 204 feet south of Hatfield avenue.

—that the same was confirmed by the Board of Assessors on May 22, 1902, and entered on May 23, 1902, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien as provided by section one hundred and fifty-nine of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the

BRYAN L. KENNELLY, 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

MONDAY, JUNE 2, 1902,

at 12 o'clock m., at the Comptroller's office, No. 280 Broadway, Borough of Manhattan, City of New York, all the right, title and interest of The City of New York in and to all that certain piece or parcel of land located in the Borough of Manhattan, and bounded and described as follows, viz:

Beginning at a point on the northerly side of One Hundred and Twenty-third street, distant eighty-eight (88) feet westerly from the intersection of the said northerly side of One Hundred and Twenty-third street with the westerly side of Pleasant avenue; running thence northerly and parallel with said Pleasant avenue one hundred (100) feet and eleven (11) inches to the center line of the block between One Hundred and Twenty-third and One Hundred and Twenty-fourth streets; thence fifty (50) feet westerly along said center line and parallel with One Hundred and Twenty-third street; thence southerly and parallel with said Pleasant avenue one hundred (100) feet and eleven (11) inches to the northerly side of One Hundred and Twenty-third street; and thence easterly along said northerly side or line of One Hundred and Twenty-third street fifty (50) feet to the point or place of beginning.

UPON THE FOLLOWING TERMS AND CONDITIONS OF SALE.

The highest bidder will be required to pay twenty per cent. of the purchase money and the auctioneer's fee at the time of sale and the balance of the purchase money within fifteen days from the date of sale, the deed or release for the premises deliverable within thirty days from the date of sale.

The Comptroller may at his option resell the property struck off to the highest bidder who shall fail to comply with the terms and conditions of the sale, and the party who fails to comply therewith will be held liable for any deficiency resulting from such resale.

The right to reject any bid is reserved. The map of the property to be sold may be seen upon application at the Comptroller's office, No. 280 Broadway, Borough of Manhattan, City of New York.

By order of the Commissioners of the Sinking Fund, pursuant to resolution adopted May 7, 1902.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, May 13, 1902. m14,j2

The above sale is postponed to Monday, June 9, 1902, at the same hour and place.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, June 2, 1902.

INTEREST ON BONDS AND STOCKS OF THE CITY OF NEW YORK.

THE INTEREST DUE ON JULY 1, 1902, ON the Registered Bonds and Stock of The City of New York will be paid on that day by the Comptroller, at his office, Room 39, Stewart Building, corner of Broadway and Chambers street.

The Transfer Books thereof will be closed from June 14, 1902, to July 1, 1902.

The interest due on July 1, 1902, on the Coupon Bonds and Stock of the former City of New York will be paid on that day by the Knickerbocker Trust Company, No. 66 Broadway.

The interest due on July 1, 1902, on the Coupon Bonds of the late City of Brooklyn will be paid on that day by the Nassau National Bank of Brooklyn, No. 26 Court street.

The interest due July 1, 1902, on the Coupon Bonds of Corporations in Queens and Richmond counties will be received on that day for payment by the Comptroller at his office, Room 39, Stewart Building, corner of Broadway and Chambers street.

EDWARD M. GROUT, Comptroller.

THE CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, June 2, 1902. j2-3

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE "Greater New York Charter," the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following-named street in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTION 10.

CRAVEN STREET—OPENING. From Leggett avenue to the Southern Boulevard. Confirmed May 16, 1902; entered May 29, 1902. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz: Beginning at a point formed by the intersection of the westerly prolongation of a line drawn parallel to the southerly side of East One Hundred and Fifty-sixth street and distant 100 feet southerly therefrom; running thence northeasterly along said southerly side of Westchester avenue; thence easterly with a line drawn parallel to the northerly side of East One Hundred and Fifty-sixth street and distant 100 feet northerly therefrom; thence easterly along said parallel line to its intersection with a line drawn parallel to the northwesterly side of Hewitt place and distant 100 feet westerly therefrom; thence northeasterly along said parallel line to its intersection with a line drawn parallel to the southwesterly side of Longwood avenue and distant 100 feet southwesterly therefrom; thence southeasterly along said parallel line to the middle line of the block between the Southern Boulevard and Whitlock avenue; thence southerly along said middle line of the block to its intersection with a line drawn parallel to the southwesterly side of Craven street and distant 100 feet southwesterly therefrom; thence northerly along said parallel line to the middle line of the block between Whitlock avenue and Garrison avenue; thence southwesterly along said middle line of the block to its intersection with a line drawn parallel to the northwesterly side of Craven street and distant 100 feet northwesterly therefrom; thence southeasterly along said parallel line to the middle line of the block between Garrison avenue and Barry street; thence southwesterly along said middle line of the block to its intersection with a line drawn parallel to the southwesterly side of Craven street and distant 100 feet southwesterly therefrom; thence northerly along said parallel line to the middle line of the block between Garrison avenue and Whitlock avenue; thence southwesterly along said middle line of the block to the middle line of the block between Leggett

avenue and Craven street; thence northwesterly along said middle line of the block to the middle line of the block between Whitlock avenue and the Southern Boulevard; thence southwesterly along said middle line of the block to its intersection with a line drawn parallel to the northwesterly side of Leggett avenue, and distant 100 feet northwesterly therefrom; thence northwesterly along said parallel line and its prolongation northwesterly to its intersection with a line drawn parallel to the easterly side of Leggett avenue, and distant 100 feet easterly therefrom; thence northerly along said parallel line to the easterly prolongation of that part of the middle line of the block, between Beck street and Fox street extending westerly from Leggett avenue; thence westerly along said easterly prolongation and middle line of the block to its intersection with a line drawn parallel to the westerly side of Leggett avenue and distant 100 feet westerly therefrom; thence northerly along said parallel line to the middle line of the block between Beck street and Kelly street; thence westerly along said middle line of the block to the middle line of the block between Avenue St. John and Leggett avenue; thence northerly along said middle line of the block and its prolongation northwesterly to its intersection with a line drawn parallel to the southerly side of East One Hundred and Fifty-sixth street and distant 100 feet southwesterly therefrom; thence westerly along said parallel line to the point or place of beginning.

The above-entitled assessment was entered on the date hereinabove given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section 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 to the date of payment from the date when such assessment became a lien, as provided by section one hundred and fifty-nine of this act."

Section 159 of this act provides "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears, at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon, on or before July 28, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, May 29, 1902. m31,j13

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

EIGHTH WARD, SECTION 3.

SECOND AVENUE—SEWER. east side, between Thirty-ninth and Fortieth streets; also, **SECOND AVENUE—SEWER.** west side, between Thirty-ninth and Fortieth streets. Area of assessment: East side of Second avenue, between Thirty-ninth and Fortieth streets; also, west side of Second avenue, between Thirty-ninth and Fortieth streets.

THIRTY-NINTH STREET—FLAGGING. south side, between Third and Fourth avenues; also, **FORTIETH STREET—FLAGGING.** north side, between Third and Fourth avenues. Area of assessment: Lots Nos. 31, 44, 45, 48, 49, 50, 52, 53 and 54 of Block No. 708.

FORTY-FIFTH STREET—FLAGGING. south side, between Second and Third avenues; also, **FORTY-NINTH STREET—FLAGGING.** north side, between Second and Third avenues. Area of assessment: Lots Nos. 32 and 40 of Block No. 722.

FIFTY-THIRD STREET—SEWER. between Fifth and Sixth avenues. Area of assessment: Both sides of Fifty-third street, between Fifth and Sixth avenues.

EIGHTH AND THIRTIETH WARDS, SECTION 3.

FIFTY-SEVENTH STREET—SEWER. between Seventh and Eighth avenues. Area of assessment: Both sides of Fifty-seventh street, between Seventh and Eighth avenues.

TENTH WARD, SECTION 2.

SACKETT STREET—SEWER. between Third and Fourth avenues. Area of assessment: Both sides of Sackett street, between Third and Fourth avenues.

TWELFTH WARD, SECTION 2.

COFFEY STREET—SEWER. between Dwight street and Richards street. Area of assessment: Both sides of Coffey street, between Dwight and Richards streets.

LUQUER STREET—SEWER. between Hamilton avenue and Hicks street. Area of assessment: Both sides of Luquer street, between Hamilton avenue and Hicks street.

TWENTY-NINTH WARD.

BEVERLY ROAD—BASIN. at the northwest corner of Coney Island avenue. Area of assessment: North side of Beverly road, between Coney Island avenue and East Eighth street; also, Lot No. 30 of Block No. 106.

BEVERLY ROAD—BASIN. at the northwest corner of East Eighteenth street. Area of assessment: West side of East Eighteenth street, between Beverly road and Albemarle road; also, north side of Beverly road, between East Seventeenth and East Eighteenth streets.

FENNIMORE STREET—BASIN. at the northwest corner of Nostrand avenue. Area of assessment: North side of Fennimore street, between Nostrand and Rogers avenues.

THIRTIETH WARD.

BAY THIRTEENTH STREET—BASIN. at the northeast corner of Bath avenue. Area of assessment: East side of Bay Thirteenth street, between Bath and Benson avenues; north side of Bath avenue, between Bay Thirteenth and Bay Fourteenth streets; west side of Bay Fourteenth street, from Bath avenue to the street summit situated at a point about 344 feet northerly therefrom, and south side of Benson avenue, from Bay Thirteenth street to the street summit situated at a point about 100 feet easterly therefrom.

EIGHTIETH STREET—SEWER. between Second and Third avenues. Area of assessment: Both sides of Eightieth street, between Second and Third avenues.

EIGHTY-SIXTH STREET—SEWER. between Twenty-first avenue and Bay Twenty-eighth street. Area of assessment: Lots numbered 3, 4, 7, 8, 11, 12 and 71 to 74, both inclusive, of Block

No. 665, and lots numbered 35 and 36 of Block No. 780.

—that the same were confirmed by the Board of Assessors on May 22, 1902, and entered on May 23, 1902, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides 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 to the date of payment from the date when such assessment became a lien, as provided by section one hundred and fifty-nine of this act."

Section 159 of this act provides "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears, at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon, on or before July 22, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, May 23, 1902. m24,j17

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE "Greater New York Charter," the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following-named street in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTION 9. **EAST ONE HUNDRED AND SIXTY-SEVENTH STREET—OPENING.** from Anderson avenue to Marcher avenue. Confirmed May 6, 1902; entered May 23, 1902. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz: Beginning at the point of intersection of a line drawn parallel to and distant 100 feet southerly from the southerly line of East One Hundred and Sixty-seventh street with the easterly line of Ogden avenue; running thence northerly along said line of Ogden avenue to its intersection with a line drawn parallel to and distant 100 feet northerly from the northerly line of East One Hundred and Sixty-seventh street; thence easterly along said parallel line to its intersection with the middle line of the block between Woodcrest avenue and Anderson avenue; thence northerly along said middle line to its intersection with the westerly prolongation of a line drawn parallel to and distant 100 feet northerly from the northerly line of that portion of East One Hundred and Sixty-seventh street lying east of Jerome avenue; thence easterly along prolongation and parallel line to its intersection with a line drawn parallel to and distant 100 feet easterly from the easterly line of Jerome avenue; thence southerly along said parallel line to the northerly line of McClellan street; thence westerly along said line of McClellan street and its westerly prolongation to its intersection with the middle line of the block between Woodcrest avenue and Anderson avenue; thence northerly along said middle line to its intersection with a line drawn parallel to and distant 100 feet southerly from the southerly line of East One Hundred and Sixty-seventh street; thence westerly along said parallel line to the point or place of beginning.

The above-entitled assessment was entered on the date hereinabove given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides 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 to the date of payment from the date when such assessment became a lien, as provided by section one hundred and fifty-nine of this act."

Section 159 of this act provides "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears, at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon, on or before July 22, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, May 23, 1902. m24,j17

NOTICE OF ASSESSMENTS FOR OPENING STREETS AND PARKS.

IN PURSUANCE OF SECTION 1005 OF THE "Greater New York Charter," the Comptroller of The City of New York hereby gives public notice of the confirmation by the Supreme Court, and the entering in the Bureau for the Collection of Assessments and Arrears, of the assessment for OPENING AND ACQUIRING TITLE to the following-named street in the BOROUGH OF MANHATTAN:

TWELFTH WARD, SECTION 8. **WEST ONE HUNDRED AND SEVENTY-FIRST STREET—OPENING.** between Kingsbridge road and Haven avenue. Confirmed May 8, 1902; entered May 23, 1902. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in The City of New York, which, taken together, are bounded and described as follows, viz: Beginning at a point formed by the intersection of the easterly

line of Boulevard Lafayette with the westerly prolongation of the middle line of the block between West One Hundred and Seventy-third street and West One Hundred and Seventy-fourth street; running thence easterly along said prolongation and middle line of the block to its intersection with the middle line of the blocks between Fort Washington avenue and Broadway; thence southerly along said middle line of the blocks to its intersection with the middle line of the blocks between West One Hundred and Seventy-second street and West One Hundred and Seventy-third street; thence easterly along said middle line of the blocks to its intersection with the middle line of the blocks between Eleventh avenue and Audubon avenue; thence easterly along said middle line of the block and its easterly prolongation to a point 100 feet easterly of the easterly line of Amsterdam avenue; thence southerly along a line parallel to and distant 100 feet easterly from the easterly line of Amsterdam avenue to its intersection with the easterly prolongation of the middle line of the blocks between West One Hundred and Seventy-first street and West One Hundred and Seventy-second street; thence westerly along said middle line of the blocks to its intersection with the middle line of the blocks between Audubon avenue and Eleventh avenue; thence southerly along said middle line of the blocks to its intersection with the middle line of the blocks between West One Hundred and Sixty-ninth street and West One Hundred and Seventieth street; thence westerly along said middle line of the blocks and the westerly prolongation thereof to its intersection with the easterly line of Boulevard Lafayette; thence northerly along said easterly line of Boulevard Lafayette to the point or place of beginning.

The above-entitled assessment was entered on the date hereinabove given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the "Greater New York Charter."

Said section provides 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 to the date of payment from the date when such assessment became a lien, as provided by section one hundred and fifty-nine of this act."

Section 159 of this act provides "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessment is payable to the Collector of Assessments and Arrears, at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, Room No. 85, No. 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon, on or before July 22, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK, DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, May 23, 1902. m24,j17

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF THE BRONX:

TWENTY-THIRD WARD, SECTION 10. **ONE HUNDRED AND SIXTY-SEVENTH STREET—PAVING AND LAYING CROSSWALKS.** from Prospect avenue to Southern Boulevard. Area of assessment: Both sides of One Hundred and Sixty-seventh street, between Prospect avenue and Southern Boulevard, and to the extent of one-half the blocks on the intervening, intersecting and terminating streets and avenues; also, Lots numbered 10 and 11 of Block No. 2692.

TWENTY-FOURTH WARD, SECTION 11. **WENDOVER AVENUE—REGULATING, GRADING, CURBING, FLAGGING, LAYING CROSSWALKS AND PAVING GUTTERS.** from Third avenue to Fulton avenue. Area of assessment: Both sides of Wendover avenue, between Third avenue and Fulton avenue, and to the extent of one-half the blocks on the terminating avenues; also, Lot No. 1 of Block No. 2941.

—that the same were confirmed by the Board of Assessors on May 22, 1902, and entered on May 23, 1902, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter. Said section provides that "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof on the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment from the date when such assessment became a lien, as provided by section one hundred and fifty-nine of this act."

Section 159 of this act provides "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record."

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments, and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of One Hundred and Seventy-seventh street and Third avenue, Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon, on or before July 22, 1902, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became a lien to the date of payment.

EDWARD M. GROUT, Comptroller.

CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, May 23, 1902. m24,j17

OFFICIAL BOROUGH PAPERS.

BOROUGH OF THE BRONX.

"Bronx Borough Record;" "North Side News."

BOROUGH OF QUEENS.

For Long Island City and Newtown Districts—"Long Island City Star;" "Newtown Register." For Flushing, Jamaica and the Rockaways—"Flushing Times;" "Jamaica Standard."

BOROUGH OF RICHMOND.

"Staten Islander;" "Staten Island World."

POLICE DEPARTMENT.

POLICE DEPARTMENT—CITY OF NEW YORK, 1899.
OWNERS WANTED BY THE PROPERTY
 Clerk of the Police Department of The City of New York, No. 300 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.
CHAS. D. BLATCHFORD,
 Property Clerk.

POLICE DEPARTMENT—CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE DEPUTY
 Property Clerk of the Police Department of The City of New York—Office, Municipal Building, Borough of Brooklyn—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 of money taken from prisoners and found by Patrolmen of this Department.
CHARLES D. BLATCHFORD,
 Deputy Property Clerk.

DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, ROOM NO. 1,203, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE
 received by the Commissioner of Bridges, at the above office of the Department of Bridges, until 12 o'clock noon, on

THURSDAY, JUNE 19, 1902.

Borough of The Bronx.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE REMOVAL OF PIERS OR ABUTMENTS OF THE OLD BRIDGE FORMERLY CONNECTING PELHAM BAY PARK WITH CITY ISLAND, BOROUGH OF THE BRONX.
 The time for the completion of the work and the full performance of the contract is by or before the expiration of fifty working days.
 The amount of security required is two thousand dollars.
 The Engineer's estimate of the quantity and quality of materials and the nature and extent, as near as possible, of the work required, is as follows:
 2,500 CUBIC YARDS OF ROCK FRAGMENTS OR STONE FILLING OF CRIB PIERS OR ABUTMENTS OR STONE PILED AROUND THE PIERS, EXCAVATED, REMOVED AND PLACED ON OR AT THE FOOT OF THE SLOPES OF THE APPROACHES OF THE NEW CITY ISLAND BRIDGE.
 65 CORDS OF ROUND OR SQUARE TIMBER EXCAVATED FROM PIERS OR ABUTMENTS AND REMOVED FROM THE WORK.

The plans and drawings may be seen, blank forms and other information obtained at the office of the Department, Nos. 13 to 21 Park Row, Borough of Manhattan.

GUSTAV LINDENTHAL,
 Commissioner of Bridges.

THE CITY OF NEW YORK, May 31, 1902.

See General Instructions to Bidders on the last page, last column of the "City Record."

je5.19

SUPREME COURT.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired to MACEY PLACE (although not yet named by proper authority) from Prospect avenue to Hewitt place, in the Twenty-third Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE
 bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in the City of New York, on the 23d day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, June 7, 1902.

THOMAS J. SANDFORD,
NATHANIEL LEVY,
DANIEL J. EARLY,
 Commissioners.

JOHN P. DUNN,
 Clerk. je7-18

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired to SULLIVAN STREET (although not yet named by proper authority) from West Third street to West Fourth street, in the Fifteenth Ward, Borough of Manhattan, in The City of New York.

NOTICE IS HEREBY GIVEN THAT THE
 bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in the City of New York, on the 23d day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, June 7, 1902.

EDGAR M. LEVENTRITT,
CHARLES E. F. MCCANN,
JOSEPH L. BOYLE,
 Commissioners.

JOHN P. DUNN,
 Clerk. je7-18

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired to SPOFFORD AVENUE (although not yet named by proper authority) from Longwood avenue to Tiffany street and from Tiffany street to the Bronx river, in the Twenty-third Ward, Borough of The Bronx of The City of New York.

NOTICE IS HEREBY GIVEN THAT THE
 bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in the City of New York, on the 23d day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, June 7, 1902.

JOHN F. O'RYAN,
J. WM. FLYNN,
JACOB KATZ,
 Commissioners.

JOHN P. DUNN,
 Clerk. je7-18

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to SPENCER PLACE (although not yet named by proper authority), from East One Hundred and Fifth street to the New York Central and Hudson River Railroad, in the Twenty-third Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE
 bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in the City of New York, on the 19th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, June 4, 1902.

JOHN F. O'RYAN,
J. F. WILLICOMBE,
CORNELIUS J. EARLEY,
 Commissioners.

JOHN P. DUNN,
 Clerk. Je4-14

FIRST DEPARTMENT.

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 NINETY-FOURTH STREET (although not yet named by proper authority), from Valentine 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 THE
 supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in the City of New York, on the 10th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said supplemental and additional bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, June 4, 1902.

HENRY B. B. STAPLER,
WILLIAM M. LAWRENCE,
JOHN MURPHY,
 Commissioners.

JOHN P. DUNN,
 Clerk. Je4-14

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening EAST FOURTEENTH STREET, from Kings Highway to the land of the Water Works, in the Thirty-first Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings, in the County Courthouse, in the Borough of Brooklyn, in The City of New York, on the 12th day of June, 1902, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as East Fourteenth street, from Kings Highway to the land of the Water Works, in the Thirty-first Ward, in the Borough of Brooklyn, in The City of New York. The lands required for the purpose of opening East Fourteenth street, from Kings Highway to the land of the Water Works, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings, made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by George W. Tillson, and dated March 14, 1901, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 26th day of March, 1901.

map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn and signed by George W. Tillson and dated May 7, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 9th day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 20th day of May, 1902.

GEORGE L. RIVES,
 Corporation Counsel,
 Borough Hall, Brooklyn, N. Y.

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening EAST NINETEENTH STREET, from Avenue S to Gravesend Neck road, in the Thirty-first Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings, in the County Courthouse, in the Borough of Brooklyn, in The City of New York, on the 12th day of June, 1902, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as East Nineteenth street, from Avenue S to Gravesend Neck road, in the Thirty-first Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening East Nineteenth street, from Avenue S to Gravesend Neck road, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn and signed by George W. Tillson and dated May 7, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 9th day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 20th day of May, 1902.

GEORGE L. RIVES,
 Corporation Counsel,
 Borough Hall, Brooklyn, N. Y.

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening TWELFTH AVENUE from Seventy-third street to Kings Highway, and from Eighty-sixth street to Dyker Beach park, in the Thirtieth Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse in the Borough of Brooklyn in The City of New York on the 12th day of June, 1902, at the opening of court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Twelfth avenue, from Seventy-third street to Kings Highway and from Eighty-sixth street to Dyker Beach park, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings, made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by George W. Tillson and dated April 28, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 1st day of May, 1902.

The lands required for the purpose of opening Twelfth avenue from Seventy-third street to Kings Highway and from Eighty-sixth street to Dyker Beach park, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by George W. Tillson and dated April 28, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 1st day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 29th day of May, 1902.

GEORGE L. RIVES,
 Corporation Counsel,
 Borough Hall, Brooklyn, N. Y.

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening STERLING PLACE (Butler street) from Schenectady avenue to Utica avenue, in the Twenty-fourth Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse in the Borough of Brooklyn in The City of New York on the 12th day of June, 1902, at the opening of court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Sterling place (Butler street), from Schenectady avenue to Utica

avenue, in the Twenty-fourth Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening Sterling place (Butler street), from Schenectady avenue to Utica avenue, as aforesaid, are shown on a map or plan of the City of Brooklyn, now incorporated with and forming part of the Map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings, made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by George W. Tillson, and dated on the 9th day of May, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 10th day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 29th day of May, 1902.

GEORGE L. RIVES,
 Corporation Counsel,
 Borough Hall, Brooklyn, N. Y.

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening AVENUE M, from Ocean avenue to Flatlands avenue, in the Thirty-second Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse, in the Borough of Brooklyn, in The City of New York, on the 12th day of June, 1902, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Avenue M, from Ocean avenue to Flatlands avenue, in the Thirty-second Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening Avenue M, from Ocean avenue to Flatlands avenue, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn and signed by George W. Tillson and dated April 28, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 1st day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 20th day of May, 1902.

GEORGE L. RIVES,
 Corporation Counsel,
 Borough Hall, Brooklyn, N. Y.

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening AVENUE L, from East Twenty-fourth street to East Twenty-first street, in the Thirty-second Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse, in the Borough of Brooklyn, in The City of New York, on the 12th day of June, 1902, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Avenue L, from East Twenty-fourth street to East Twenty-first street, in the Thirty-second Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening Avenue L, from East Twenty-fourth street to East Twenty-first street, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by George W. Tillson and dated April 28, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 1st day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 20th day of May, 1902.

GEORGE L. RIVES,
 Corporation Counsel,
 Borough Hall, Brooklyn, N. Y.

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening WILLIAMS AVENUE, from Butler avenue to Livonia avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse, in the Borough of Brooklyn, in The City of New York, on the 12th day of June, 1902, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings

thereon and appurtenances thereto belonging, required for the opening of a street known as Williams avenue, from Sutter avenue to Livonia avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening Williams avenue, from Sutter avenue to Livonia avenue, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn and signed by George W. Tillson and dated April 26, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 30th day of April, 1902.

Dated Borough of Brooklyn, City of New York, the 20th day of May, 1902.

GEORGE L. RIVES,
Corporation Counsel,
Borough Hall, Brooklyn, N. Y.

m31,je11

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to CROTONA PARK EAST (although not yet named by proper authority), from Crotona Park South to the Southern Boulevard in the Twenty-third and Twenty-fourth Wards, Borough of The Bronx in 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 to whom it may concern, to wit:

First.—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 20th day of June, 1902, and that we the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at our said office on the 23d day of June, 1902, at 2:30 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, proofs 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, in the Borough of Manhattan, in said city, there to remain until the 1st day of July, 1902.

Third.—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the point of intersection of a line drawn parallel to and distant 100 feet westerly from the westerly line of Fulton avenue with a line drawn parallel to and distant 100 feet northerly, from the northerly line of St. Paul's place, running thence southeasterly along said last-mentioned parallel line and a line drawn parallel to and distant 100 feet northeasterly from the northeasterly line of Crotona Park South to its intersection with a line drawn parallel to and distant 100 feet northerly from the northerly line of Crotona Park East; thence easterly along said parallel line to the southwesterly line of Crotona Park North; thence northeasterly on a straight line to the point of intersection of the northeasterly line of Crotona Park North with a line drawn parallel to and distant 100 feet northwesterly from the northwesterly line of Crotona Park North, where the same turns off in a northeasterly direction; thence northeasterly along said parallel line and its northeasterly prolongation to its intersection with a line drawn parallel to and distant 100 feet northeasterly from the northeasterly line of East One Hundred and Seventy-fifth street; thence southeasterly along said parallel line and its southeasterly prolongation to the westerly line of Vyse street; thence southerly along the westerly line of Vyse street to its intersection with a line drawn parallel to and distant 100 feet southerly from the southerly line of Boston road; thence westerly along said parallel line to its intersection with the southerly prolongation of a line drawn parallel to and distant 100 feet westerly from the westerly line of that portion of Prospect avenue lying between Boston road and Crotona Park South; thence northerly along said prolongation and parallel line to its intersection with a line drawn parallel to and distant 100 feet southwesterly from the southwesterly line of Crotona Park South; thence northwesterly along said parallel line to its intersection with a line drawn parallel to and distant 100 feet westerly from the westerly line of Fulton avenue; thence northerly along said parallel line to the point or place of beginning, as such streets are shown upon the final maps and profiles of the Twenty-third and Twenty-fourth Wards of The City of New York, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened as such area is shown upon our benefit maps deposited as aforesaid.

Fourth.—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held in the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 7th day of August, 1902, at the opening of the Court on that day.

Dated Borough of Manhattan, New York, April 25, 1902.

EDWARD D. FARELL,
Chairman;
MICHAEL HECHT,
MICHAEL J. GARVIN,
Commissioners.

JOHN P. DUNN,
Clerk

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening ALABAMA AVENUE from Pitkin avenue to Livonia avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse in the Borough of Brooklyn in The

City of New York on the 12th day of June, 1902, at the opening of court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above-entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York for the use of the public to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Alabama avenue, from Pitkin avenue to Livonia avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn in The City of New York.

The lands required for the purpose of opening Alabama avenue, from Pitkin avenue to Livonia avenue, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners, pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings, in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings, made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn and signed by George W. Tillson, and dated April 26, 1902, which map was filed in the office of the Corporation Counsel of The City of New York in the Borough of Brooklyn, on the 30th day of April, 1902.

Dated Borough of Brooklyn, City of New York, the 29th day of May, 1902.

GEORGE L. RIVES,
Corporation Counsel,
Borough Hall, Brooklyn, N. Y.

m31,je11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening GRANT AVENUE, from Liberty avenue to Conduit avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse in the Borough of Brooklyn in The City of New York on the 12th day of June, 1902, at the opening of court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above-entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York for the use of the public to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Grant avenue from Liberty avenue to Conduit avenue, in the Twenty-sixth Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening Grant avenue, from Liberty avenue to Conduit avenue, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands, and New Lots, in the County of Kings, prepared by the Town Survey Commissioners, pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings, made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn, and signed by George W. Tillson, and dated March 12, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 21st day of March, 1902.

Dated Borough of Brooklyn, City of New York, the 29th day of May, 1902.

GEORGE L. RIVES,
Corporation Counsel,
Borough Hall, Brooklyn, N. Y.

m31,je11

KINGS COUNTY.

In the matter of the application of the Board of Education, by the Corporation Counsel of The City of New York, relative to acquiring title, by The City of New York to certain lands situate on northerly side of AVENUE K, EAST THIRTY-EIGHTH AND THIRTY-NINTH STREETS in the Thirty-second Ward of the Borough of Brooklyn, duly selected and chosen as a site for school purposes by the School Board of the Borough of Brooklyn and approved by the Board of Education under and in pursuance of the provisions of chapter 378 of the Laws of 1897, and the various statutes amendatory thereof and other statutes relating thereto.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of the statutes relating thereto, hereby give notice to the owner or owners, lessee or lessees, parties or persons respectively 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 of The City of New York, at Park avenue and Fifty-ninth street, in the Borough of Manhattan, City of New York, 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, May 31, 1902, file their objections to such estimate, in writing, with us, at our office in the office of the Corporation Counsel of The City of New York, in the Borough Hall, in the Borough of Brooklyn, in said city, as provided by statute, and that we, the said Commissioners, will hear parties so objecting at our office, on the 16th day of June, 1902, at 3 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 for the hearing of motions, to be held in the Kings County Courthouse in the Borough of Brooklyn, in The City of New York, on the 30th day of June, 1902, at the opening of 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 Borough of Brooklyn, City of New York, May 31, 1902.

WILLIAM H. GOOD,
HENRY MARSHALL,
GEORGE PHILLIPS,
Commissioners.

GEORGE T. RIGGS,
Clerk.

m31,je11

FIRST DEPARTMENT.

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 a PUBLIC PLACE bounded by East One Hundred and Forty-ninth street, Bergen avenue and Gerard street, and also to GERARD STREET (although not yet named by proper authority), from East One Hundred and Forty-ninth street to Bergen avenue, in the Twenty-third Ward of The City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 12th day of June, 1902, at 10:30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited at the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of The Greater New York Charter as amended by chapter 466 of the Laws of 1901.

Dated, Borough of Manhattan, New York, May 28, 1902.

HIRAM A. MERRELL,
ARCHIBALD R. BRASHER,
WILBUR LARREMORE,
Commissioners.

JOHN P. DUNN, Clerk.

m28,je9

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to BEDFORD AVENUE from Eastern parkway to Flatbush avenue, in the Twenty-fourth Ward in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were appointed by an order of the Supreme Court made and entered herein on the 13th day of September, 1901, and duly filed in the office of the Clerk of Kings County, a copy of which order was filed in the office of the Register of the County of Kings on the 16th day of September, 1901, and indexed in the Index of Conveyances in Section 5, Blocks 1266, 1267, 1273, 1274, 1280, 1281, 1287, 1288, 1294, 1295, 1303, 1304, 1306, 1307, 1313, 1314, 1318, 1319, 1327, 1328, also in Section 16, Blocks 5028, 5029, 5031, 5032, 5034, 5035, 5037, 5038, 5042, 5043, 5045, 5046, 5048, 5049, 5055, 5056, 5064, 5065, 5067, 5068, 5083, 5084, 5086, 5087, 5089, 5090, 5103, 5104, 5106, 5107, 5109, 5110, 5126, 5127, 5134, 5135, 5167, 5168, 5189, 5190, 5210, 5211, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate of the loss or damage, if any, to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken for the purpose of opening the said street or avenue, as particularly described in the petition of The City of New York, filed with said order in the office of the Clerk of Kings County, and for the purpose of making a just and equitable assessment of the benefit of said street or avenue, so to be opened, to the respective owners, parties and persons respectively entitled to or interested in the lands and premises and not required for the purpose of opening said street or avenue, but benefited thereby, and of ascertaining and defining the district benefited by said assessment, and the extent and boundaries of the respective tracts and parcels of land participating in said benefit, and of performing the trusts and duties required of us by title 4 of Chapter XVII. of the Charter of The City of New York, and the acts or parts of acts supplementary thereto or amendatory thereof.

All parties and persons interested in the lands and premises taken or to be taken for the purpose of opening 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 in the Bureau of Street Openings of the Law Department, Borough Hall, Borough of Brooklyn, in The City of New York, with such affidavits or other proofs as the said owner or claimants may desire, within twenty days after date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 23d day of June, 1902, 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 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 City of New York.

Dated Borough of Brooklyn, The City of New York, May 23, 1902.

JOHN M. ZURN,
JOHN H. DONLASS,
JOHN A. QUINTARD,
Commissioners.

CHAS. S. TABER,
Clerk.

m28,je20

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening MONTGOMERY STREET, from the division line between the former City of Brooklyn and the former Town of Flatbush, where the same crosses Montgomery street, between Franklin avenue and Perry (Bedford) avenue, to East New York avenue, in the Twenty-fourth and Twenty-ninth Wards, in the Borough of Brooklyn of The City of New York, as the same has been heretofore laid out.

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, tenements and hereditaments and premises affected thereby, and having objection thereto, do present their said objections in writing, duly verified, to us at our office in the office of the Law Department, Room 20, Borough Hall, in the Borough of Brooklyn in The City of New York, on or before the 18th day of June, 1902, and that we the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at our said office on the 20th day of June, 1902, at 1:30 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, proofs and other documents used by us in making our report, have been deposited:

in the Bureau of Street Openings of the Law Department of The City of New York in the Borough of Brooklyn, Room 20, Borough Hall, in the Borough of Brooklyn in The City of New York, there to remain until the 27th day of June, 1902.

Third.—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the easterly line of Pine place at the centre line of the block between Montgomery street and Sullivan street, as said place and streets are laid down on the map of the Town Survey Commission of the County of Kings; running thence easterly along said centre line of the block to the easterly line of Nostrand avenue; thence southerly along the easterly line of Nostrand avenue to the centre line of the block between Montgomery street and Melbourne street, as said streets cross Nostrand avenue; running thence easterly along the said centre line, and in a straight line as the same would be continued, to the easterly side of New York avenue; thence northerly along the easterly side of New York avenue to the centre line of the block between Montgomery street and Melbourne street; thence easterly along said centre line of the block between Montgomery street and Melbourne street and along the centre line of the block between Montgomery street and Lefferts place to the northerly side of East New York avenue; thence easterly along the northerly side of East New York avenue to the northwesterly corner of East New York avenue and Montgomery street; running thence northerly and parallel with Utica avenue to the centre line of the block between Montgomery street and Crown street; running thence westerly along the centre line of the block between Montgomery street and Crown street to a point opposite the easterly side of Pine place; running thence southerly and along a line drawn in prolongation of the easterly side of Pine place to the point or place of beginning.

Fourth.—That our report herein will be presented to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Courthouse in the Borough of Brooklyn in The City of New York, on the 3d day of July, 1902, 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 Borough of Brooklyn, The City of New York, May 22, 1902.

FRANK GALLAGHER,
Chairman;
JOHN WATSON,
HENRY JOSEPH,
Commissioners.

CHAS. S. TABER,
Clerk.

m28,je14

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening FOURTEENTH AVENUE, from Eighty-sixth street to Crosey avenue, in the Thirtieth Ward, in the Borough of Brooklyn of The City of New York, as the same has been heretofore laid out.

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, tenements and hereditaments and premises affected thereby, and having objection thereto, do present their said objections in writing, duly verified, to us at our office in the office of the Law Department, Room 20, Borough Hall, in the Borough of Brooklyn, in The City of New York, on or before the 18th day of June, 1902, and that we the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at our said office on the 20th day of June, 1902, 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, proofs and other documents used by us in making our report, have been deposited in the Bureau of Street Openings of the Law Department of The City of New York in the Borough of Brooklyn, Room 20, Borough Hall, in the Borough of Brooklyn in The City of New York, there to remain until the 27th day of June, 1902.

Third.—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Brooklyn in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the southwesterly side of Eighty-sixth street, distant 96 feet 8 inches northwesterly from the westerly corner of Eighty-sixth street and Fourteenth avenue; running thence southwesterly in a line parallel with Fourteenth avenue to a point where the northerly side of Crosey avenue, if extended west of Fourteenth avenue, would intersect said line; running thence easterly and along said line drawn in prolongation of the northerly side of Crosey avenue to the westerly side of Fourteenth avenue; running thence southerly along the westerly side of Fourteenth avenue to the southerly side of Crosey avenue; running thence easterly along the southerly side of Crosey avenue to the easterly side of Fourteenth avenue; running thence northerly along the easterly side of Fourteenth avenue to the northerly side of Crosey avenue; running thence easterly along the northerly side of Crosey avenue 96 feet 8 inches; thence northerly along a line drawn parallel with Fourteenth avenue to the southerly side of Eighty-sixth street, and thence westerly along the southerly side of Eighty-sixth street to the point or place of beginning.

Fourth.—That our report herein will be presented to the Supreme Court of the State of New York, Second Department, at a Special Term thereof for the hearing of motions, to be held in the County Courthouse in the Borough of Brooklyn in The City of New York, on the 3d day of July 1902, 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 Borough of Brooklyn, The City of New York, May 22, 1902.

THOMAS P. MURPHY,
Chairman;
CHAS. REINHHEIMER,
THOMAS D. HOSSEY,
Commissioners.

CHAS. S. TABER,
Clerk.

m28,je14

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening PAERDEGAT BASIN from Flatlands avenue to Jamaica Bay, in the Thirty-second Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings in the County Courthouse in the Borough of Brooklyn in The City of New York on the 12th day of June, 1902, at the opening of court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above-entitled proceeding.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Paerdegat Basin, from Flatlands avenue to Jamaica Bay, in the Thirty-second Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening Paerdegat basin from Flatlands avenue to Jamaica Bay, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners, pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings, in the year 1874, now incorporated with and forming a part of the Map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings, made by the Topographical Division of the Bureau of Highways, of the Borough of Brooklyn, and signed by George W. Tillson, and dated April 30, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 23rd day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 29th day of May, 1902.
GEORGE L. RIVES,
 Corporation Counsel,
 m31, je11 Borough Hall, Brooklyn, N. Y.

FIRST DEPARTMENT.

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 RYER AVENUE (although not yet named by proper authority), from Burnside avenue to East One Hundred and Eighty-seventh street, 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 THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 19th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated Borough of Manhattan, New York, June 4, 1902.
JAMES W. HAWES,
ANDREW S. HAMERSLEY, Jr.,
JAMES O. FARRELL,
 Commissioners.

JOHN P. DUNN,
 Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the upland and lands, wharf property, wharfage rights, terms, easements, emoluments and privileges of and to the uplands and lands necessary to be taken for the improvement of the water front of The City of New York on the North River, between Fourteenth and Fifteenth streets, North River, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund and the Hudson River, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses, together with a statement of the amounts previously taxed, to whom the same were payable and the date of such taxation, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Court House in The City of New York, Borough of Manhattan, on the 16th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses, together with said statement, has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of Section 999 of the Greater New York Charter, as amended by Chapter 466 of the Laws of 1901.

Dated New York, June 3, 1902.
JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the uplands and lands, wharfage rights, terms, easements, emoluments and privileges of and to the uplands and lands necessary to be taken for the improvement of the water front of The City of New York on the North River, between Thirteenth and Fourteenth streets, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund and the Hudson River, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses, together with a statement of the amounts previously taxed, to whom the same were payable and the date of such taxation, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Court House in The City of New York, Borough of Manhattan, on the 16th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that said bill of costs, charges and expenses, together with said statement, has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provision of

Section 999 of the Greater New York Charter, as amended by Chapter 466 of the Laws of 1901.
 Dated New York, June 3, 1902.
JOSEPH M. SCHENCK, Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to HEWITT PLACE (although not yet named by proper authority), from Leggett avenue (East One Hundred and Fifty-sixth street) to Westchester avenue, in the Twenty-third Ward of The City of New York, in the Borough of The Bronx.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 20th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter, as amended by chapter 466 of the Laws of 1901.

Dated, Borough of Manhattan, New York, June 5, 1902.

ISAAC BELL BRENNAN,
FRANK KUHN,
 Commissioners.

JOHN P. DUNN,
 Clerk.

FIRST DEPARTMENT.

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 TIFFANY STREET (although not yet named by proper authority), from Longwood avenue to Intervale 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 THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held at the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 20th day of June, 1902, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of section 999 of the Greater New York Charter as amended by chapter 466 of the Laws of 1901.

Dated, Borough of Manhattan, New York, June 5, 1902.

WILLIAM M. LAWRENCE,
GEORGE LIVINGSTON,
PHIL M. LEAKIN,
 Commissioners.

JOHN P. DUNN,
 Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired, to WEST ONE HUNDRED AND SIXTY-THIRD STREET (although not yet named by property authority) between Kingsbridge road and Eleventh avenue, in the Twelfth Ward, Borough of Manhattan, City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a special term thereof, Part I., to be held at the County Courthouse in the Borough of Manhattan, in the City of New York, on the 20th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of Section 999 of the Greater New York Charter as amended by Chapter 466 of the Laws of 1901.

Dated, Borough of Manhattan, New York, June 5, 1902.

WALTER H. MEAD,
CHARLES W. CULVER,
MICHAEL C. GROSS,
 Commissioners.

JOHN P. DUNN,
 Clerk.

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title for the use of the public to the block of land and premises bounded by FIRST AND SECOND AVENUES, EAST THIRTY-FIFTH AND EAST THIRTY-SIXTH STREETS, in the Twenty-first Ward of the Borough of Manhattan, in The City of New York, required for the opening of a public park.

NOTICE IS HEREBY GIVEN THAT WE, the undersigned, were, by an order of the Supreme Court of the State of New York, bearing date the 27th day of December, 1901, and filed and entered in the office of the Clerk of the County of New York, on the 31st day of December, 1901, appointed Commissioners of Estimate and Assessment in the above-entitled proceeding, for the purpose of making a just and equitable estimate of the loss and damage to the respective owners, lessees, parties and persons entitled to or interested in the lands and premises to be taken herein, for the purpose of opening a public park at First and Second avenues, East Thirty-fifth and East Thirty-sixth streets, in the Twenty-first Ward of the Borough of Manhattan in The City of New York, and which lands and premises, so to be taken, are particularly bounded and described as follows, that is to say:

Beginning at the corner formed by the intersection of the easterly line of Second avenue with the northerly line of East Thirty-fifth street, and running thence easterly along the northerly line of East Thirty-fifth street to the corner formed by the intersection of said northerly line of East Thirty-fifth street with the westerly line of First avenue; thence northerly along the westerly line of First avenue to the corner formed by the intersection of the westerly line of First ave-

nue with the southerly line of East Thirty-sixth street; thence westerly along the southerly line of East Thirty-sixth street to the corner formed by the intersection of the southerly line of East Thirty-sixth street with the easterly line of Second avenue, and thence southerly along the easterly line of Second avenue to the point or place of beginning, being the whole of the block of land and premises bounded by First and Second avenues and East Thirty-fifth and East Thirty-sixth streets.

All parties and persons interested in the real estate taken, or to be taken, for the purpose of opening said park or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same to us, the undersigned Commissioners of Estimate and Assessment, duly verified, at our office, room No. 401, on the fourth floor of the building No. 238 Broadway, in The City of New York, Borough of Manhattan, with such affidavit or other proof as the 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 above specified on the 9th day of June, 1902, 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, or at such further or other times and places 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 owners, or on behalf of The City of New York.

Dated, Borough of Manhattan, City of New York, May 15, 1902.

EMANUEL BLUMENSTIEL,
WILBER MCBRIDE,
CORNELIUS F. COLLINS,
 Commissioners.

JOSEPH M. SCHENCK, Clerk. m15, je7.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening SIXTY-EIGHTH STREET, from Fort Hamilton avenue to the Shore road, in the Thirtieth Ward, in the Borough of Brooklyn, in The City of New York.

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 for the hearing of motions, to be held in and for the County of Kings, in the County Courthouse, in the Borough of Brooklyn, in The City of New York, on the 12th day of June, 1902, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and Assessment in the above-entitled proceeding.

The nature and the extent of the improvement hereby intended is the acquisition of title by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and appurtenances thereto belonging, required for the opening of a street known as Sixty-eighth street, from Fort Hamilton avenue to the Shore road, in the Thirtieth Ward, in the Borough of Brooklyn, in The City of New York.

The lands required for the purpose of opening Sixty-eighth street, as aforesaid, are shown on a map known as the General Map or Plan of the Towns of New Utrecht, Flatbush, Gravesend, Flatlands and New Lots, in the County of Kings, prepared by the Town Survey Commissioners pursuant to an act of the Legislature passed May 1, 1869, and the several acts amendatory thereof, and filed in the office of the Register of the County of Kings in the year 1874, now incorporated with and forming a part of the map of The City of New York, and also shown on a map of that portion of said street affected by these proceedings made by the Topographical Division of the Bureau of Highways of the Borough of Brooklyn and signed by George W. Tillson and dated May 7, 1902, which map was filed in the office of the Corporation Counsel of The City of New York, in the Borough of Brooklyn, on the 9th day of May, 1902.

Dated Borough of Brooklyn, City of New York, the 20th day of May, 1902.

GEORGE L. RIVES,
 Corporation Counsel,
 Borough Hall, Brooklyn, N. Y.

m31, je11

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to LONGFELLOW STREET (although not yet named by proper authority), from East One Hundred and Seventy-sixth street (Woodruff street) to Boston road, in the Twenty-fourth Ward, Borough of The Bronx, 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, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections, in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 10th day of June, 1902, and that we, the said Commissioners, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 12th day of June, 1902, at 1 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, proofs 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, in the Borough of Manhattan, in said city, there to remain until the 20th day of June, 1902.

Third—That the limits of our assessment for benefits include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz:

Beginning at a point formed by the intersection of the middle line of blocks between Jennings street and East One Hundred and Seventy-second street with the centre line of Bryant street; running thence northeasterly along said centre line to its intersection with the middle line of the blocks between East One Hundred and Seventy-fourth street and East One Hundred and Seventy-sixth street; thence northeasterly along said middle line to the middle line of the block between Bryant street and Vyse street; thence northeasterly along said middle line and its northerly prolongation to an intersection with the northerly line of Boston road; thence easterly along said line to its intersection with the middle line of the blocks between Vyse street and Bryant street; thence northeasterly along said middle line to the centre line of East One Hundred and Eightieth street; thence southeasterly along said

centre line to its intersection with the westerly line of the Bronx river; thence southerly along said line to its intersection with a line drawn parallel to the southerly line of East One Hundred and Seventy-seventh street and distant 100 feet southerly therefrom; thence westerly along said parallel line to its intersection with a line drawn parallel to the easterly line of West Farms road and distant 100 feet easterly therefrom; thence southerly along said parallel line to its intersection with the westerly line of the Bronx river; thence southerly along said line of the Bronx river to its intersection with the middle line of the blocks between East One Hundred and Seventy-fourth street and East One Hundred and Seventy-sixth street; thence northeasterly along said middle line to the centre line of Boone street; thence southwesterly along said centre line to its intersection with the middle line of the blocks between Jennings street and East One Hundred and Seventy-second street; thence northeasterly along said middle line to the point or place of beginning, as such streets are shown upon the final maps and profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I., to be held in the County Courthouse, in the Borough of Manhattan, in The City of New York, on the 29th day of July, 1902, at the opening of the court on that day.

Dated Borough of Manhattan, New York, April 25, 1902.

JOSEPH W. O'BRIEN,
 Chairman;
JOHN J. NEVILLE,
WILLIAM H. HURST,
 Commissioners.

JOHN P. DUNN, Clerk. m20, je7

FIRST DEPARTMENT.

In the matter of the application of The City of New York, acting by and through the Board of Docks, relative to acquiring right and title to and possession of the uplands, lands, wharf property, terms, easements, emoluments and privileges of and to the uplands and lands necessary to be taken for the improvement of the water front of The City of New York on the North River, between Bloomfield and Little West Twelfth streets, and the easterly side of the marginal street, wharf or place adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund and the Hudson River, pursuant to the plan heretofore adopted by the Board of Docks and approved by the Commissioners of the Sinking Fund.

NOTICE IS HEREBY GIVEN THAT A bill of costs, charges and expenses, incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held at the County Court House in The City of New York, Borough of Manhattan, on the 16th day of June, 1902, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon; and that said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by the provisions of Section 999 of the Greater New York Charter, as amended by Chapter 466 of the Laws of 1901.

Dated New York, June 3, 1902.
JOSEPH M. SCHENCK, Clerk.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICES TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said department, and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the board of aldermen, head of a department, chief of a bureau, deputy thereof, or clerk thereof, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in The City of New York, or of a guaranty or surety company duly authorized by law to act as surety, and shall contain the matters set forth in the blank forms mentioned below. No bid or estimate will be considered unless accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to The City.

The contracts must be bid for separately. The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of The City so to do.

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

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by The City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the department for which the work is to be done. Plans and drawings of construction work may also be seen there. m14