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THE CITY RECORD.

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THE CITY RECORD.

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WILLIAM J. GAYNOR, MAYOR.

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

DAVID FERGUSON, SUPERVISOR.

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HE BOARD OF ALDERMEN OF THE CITY OF NEW YORK.

Committee Hearing Relative to an Appropriation for Bridge Elevator Service.

The Committee on Bridges and Tunnels of the Board of Aldermen will hold public hearing in the Aldermanic Chamber, City Hall, Manhattan, on Thursday, ovember 7, 1912, at 2 o'clock p. m., on a resolution calling for the appropriation $107,000 corporate stock for the purpose of installing an elevator service on the Queensboro Bridge to connect with Blackwells Island.

All persons interested are respectfully invited to attend.

P. J. SCULLY, City Clerk and Clerk of the Board of Aldermen.

PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for the Week Commencing October 28, 1912.

Friday, November 1, 1912—2.30 p. m.—Room 305—Case No. 1395—New York Edison Company—George Stadtlandr et al., complainants. 2.30 p. m.—Room 305—Case No. 1492—New York Edison Company—Julius Ewoldt et al., complainants—"Rates or electricity in Manhattan and The Bronx"—Commissioner Maltbie.

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

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

Department of Correction.

Abstract of Transactions for the Week Ending September 28, 1912.

Communications were received as follows:

From City Prison, Manhattan, report of fines received during week ending September 21, 1912: Court of General Sessions, $10; City Magistrates' Court, $49; total, $59.

From District Prisons, report of fines received during week ending September 21, 1912: City Magistrates' Courts, $718.

From Penitentiary, Blackwells Island: List of prisoners received during week ending September 21, 1912: Men, 43; women, 5. Death at Penitentiary, on September 26, 1912, of Zepher Elic, aged 43 years. Coroner and friends notified.

From Workhouse, Blackwells Island—Reporting that fines paid at the Workhouse during the week ending September 21, 1912, amounted to $33. Death, on October 23, 1912, of Rose Shannon, aged 30 years. Friends unknown.

From Branch Workhouse, Harts Island—Death, on September 25, 1912, of Mary Brown, colored, aged 24 years. Friends notified.

From City Prison, Brooklyn—Report of fines received during week ending September 21, 1912: County Courts, $25; City Magistrates' Court, $101; total, $126.

From City Prison, Queens—Report of fines received during week ending September 21, 1912: City Magistrates' Courts, $26.

Appointed: Daniel Sheehan, Thomas O'Connor and Martin Meleady, appointed keepers at the Workhouse, Blackwells Island, at $800 per annum, each, from October 1, 1912; Eugene McSweeney, appointed Keeper at the Branch Workhouse, Harts Island, at $800 per annum, from October 1, 1912; John Burns and Austin P. O'Neill appointed Keepers at the New York City Reformatory, Harts Island, at $800 per annum, each, from October 1, 1912; Patrick Burke and Michael Maher appointed Keepers at Branch Workhouse, Rikers Island, at $800 per annum, each, from October 1, 1912, and Daniel O'Connor, appointed Keeper at City Prison, Brooklyn, at $800 per annum, from October 1, 1912.

Temporary Appointments—The temporary employment of the following Keepers will cease September 30, 1912: Michael J. Halloran, Louis Baker, Thomas F. McGann, Joseph F. Callahan, Isaac B. Smith, James O'Toole, Lawrence F. Cantwell, Frank Bowler, Edward J. Burns, Lawrence M. Duffy, Stephen F. Roberts.

Appointed Temporarily: Frank H. Vick, Gardener, at the Workhouse, Blackwells Island, to fill place of Louis De Hoff, Gardener, who is absent on sick leave, without pay, for three months, the appointment to date from September 23, 1912.

Transferred: Jacob Miller and Thomas W. Danbeck, Patrolmen on Aqueduct, Board of Water Supply, transferred to the Department of Correction as Keeper, at $800 per annum, each, to date from October 1, 1912, and assigned to City Prison, Brooklyn.

Fined: Charles J. Reichert, Keeper, at $1,200 per annum, fined ten days' pay.

PATRICK A. WHITNEY, Commissioner.

College of The City of New York.

October 28, 1912.

Statement of the transactions of the College of the City of New York for the week ending October 26, 1912: Open market orders issued, $242.56; payrolls transmitted to the Finance Department for payment, $50,128.84; contract vouchers transmitted to the Finance Department for payment, $6,144.05.

JOHN H. FINLEY, President.

Bellevue and Allied Hospitals.

Synopsis of Proceedings.

A meeting of the Board of Trustees of Bellevue and Allied Hospitals was held on September 23, 1912.

Present—Dr. Brannan, the President, in the chair; and Messrs. O'Keeffe, Robbins, Sachs and Stern, Trustees. Excused—Messrs. Drummond, Farley and Paulding.

Mr. Robbins was appointed Secretary pro tem.

The minutes of the meeting of August 31, a copy of which had been sent to each member, were held as read and approved.

Bills amounting to $124,915.94 were approved.

Dr. George O'Hanlon, the General Medical Superintendent, reported as follows:

The following pupils in the Training School for Midwives have completed their course: Anna Horkey, Filemena Sulle, Yetta Kaufman and Annette J. Moore; and authority for the granting of diplomas to them is requested.

It is reported that a slight fire occurred in the drug room of Harlem Hospital on the morning of September 15, which was caused by the ignition of some crystallized carbolic which the druggist was liquifying upon a gas stove. The fire was extinguished by the employees at Harlem, and no damage was done, other than the breaking of the glass panels of the doors in the drug room.

In reference to the number of patients in Fordham Hospital who reside in Westchester County, during the last six months seven patients were admitted to the hospital who gave their home address as Westchester County. They were all urgent cases and in need of immediate attention. The last one was admitted on September 3, and at the present time there are no patients from Westchester County in Fordham Hospital.

For the information of the Board, it is reported that the laundry department of Bellevue Hospital was transferred to its new quarters this morning.

Action was taken upon the report of the General Medical Superintendent as follows:

It was resolved to grant diplomas to the graduating midwives named by the General Medical Superintendent; the report in regard to the fire at Harlem Hospital was approved.

The report in regard to the number of patients from Westchester County in Fordham Hospital was approved and referred to the Commissioner of Public Charities for his information.

The General Medical Superintendent presented lists of changes in the help at Bellevnue, Gouveneur, Harlem and Fordham Hospitals for the two weeks ending August 31 and September 7, and they were approved.

Reports of Committees.

Mr. Robbins, on behalf of the Building Committee, submitted communications received from the L. J. Wadsworth Construction Company dated July 26 and August 2, and from the Supervising Engineer dated September 7 relative to the contract for the workshop at Fordham Hospital. These communications showed that the contract, which expired on November 19, 1911, was completed on July 20, 1912, a delay of 244 days. If the full penalty provided by clause R of the contract should be exacted, the sum of $4,880 would be charged. The total amount of the contract was $5,867, and the unpaid balance $1,191.90. Mr. Robbins and the General Medical Superintendent both stated that no money damages were incurred to the City through the delay, and that, save for the inconvenience caused by the deferred use of the building and the unsightly condition in which the grounds were kept while the work was in progress, there was no disadvantage to the hospital. The Building Committee considered under the circumstances that $400 would be adequate compensation, and recommended that this amount be deducted from the final payment. It was resolved before acting on this recommendation to request the Corporation Counsel to suggest a form of resolution for adoption which would comply with the legalities involved, and to request the opinion of the Comptroller in the matter.

The President reported that he had again interviewed the Comptroller in regard to the acquisition of a site for a dispensary, etc., at Gouveneur Hospital, and stated that arrangements were about completed for the purchase of a site at the corner of Gouverneur Slip and Front st. This report was approved.

The Committee on Supplies submitted a report on the estimates received for open market purchases during the three weeks ending September 21, and upon the recommendation of that committee, the acceptance of these bids was approved.

The Building Committee submitted a report on the estimates received for repairs, building materials, etc., on open market orders during the three weeks ending September 7, 14 and 21, and upon the recommendation of that committee, the acceptance of these bids was approved.

Communications.

A communication dated August 24 was received from William B. Hale, attorney for Dr. Wandless, requesting reconsideration of his bill for $405 for services rendered to Miss Hamilton, a nurse who lost the sight of one eye in the performance of her duties in Bellevue Hospital. It was resolved to reiterate the decision made on January 2, 1912, and to advise the attorney that if Dr. Wandless desires to make further efforts to secure payment he should file a claim with the City authorities in the usual manner.

A communication dated September 5, received by Mr. O'Keeffe from the Thomas Motor Company in regard to the deduction of $500 made by the Comptroller in the bill for the automobile purchased by this Department, was presented and filed.

The minutes of a meeting of the Medical Board of Bellevue Hospital held on September 3 were presented, and as there were no matters requiring action on the part of the Trustees, they were ordered placed on file.

The minutes of the meeting of the Medical Board of Fordham Hospital held on August 6 were presented and placed on file.

The applications for leave of absence were presented and approved as follows: Dr. William P. Healy, from September 14 to 28; and Dr. Edmund L. Dow, for the month of October.

The General Medical Superintendent presented a list of special nurses, who had been authorized at Bellevue Hospital from August 30 to September 16. The appointment of these nurses was approved.

A communication dated September 18 was presented from the Commissioners of the Sinking Fund, transmitting copy of resolution adopted on September 18 rescinding resolution adopted on July 17 authorizing a lease of the premises at 221 E. 26th st., inasmuch as the owner had refused to lease the apartments.

Unfinished Business.

The President and Mr. Samson reported, for the information of the Board, that they had been requested to testify before the Commissioners of Accounts in regard to the award of the contract for the nurses' residence at Harlem Hospital to Luke A. Burke and Sons Company.

It was reported that a representative of the National Pharmaceutical Society had requested that the apothecaries of the Department be given an increase of salary, and that the title of these employees be changed to Pharmacist. It was resolved to approve the change of title, and to take no action on the request for an increase of salary.

Adjourned.

A. M. ROBBINS, Secretary pro tem.

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BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of Board of Estimate and Apportionment, Held in Room 18 (Aldermanic Chamber), City Hall, Thursday, October 17, 1912.

FINANCIAL MATTERS.

The Board met in pursuance of an adjournment.

Present—William J. Gaynor, Mayor; Douglas Mathewson, Deputy and Acting Comptroller; John Purroy Mitchel, President, Board of Aldermen; George McAneny, President, Borough of Manhattan; Alfred E. Steers, President, Borough of Brooklyn; Cyrus C. Miller, President, Borough of The Bronx; Maurice E. Connolly, President, Borough of Queens, and George Cromwell, President, Borough of Richmond.

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

After disposing of the Public Improvements Calendar, the following Financial Matters were considered:

The Minutes (Financial Matters) of the meeting held September 26, 1912, as printed in the CITY RECORD October 11, 1912, and (Financial and Franchise Matters) of the meeting held October 3, 1912, as printed in the CITY RECORD October 15, 1912, were approved.

FINANCIAL MATTERS.

The Secretary presented a communication from the Secretary of the Board of Education, transmitting certified copy of resolution adopted by said Board, relative to the fixing of the compensation of Janitors of various school buildings, and a

Petition of Female Cottage Attendants, Department of Parks, Boroughs of Manhattan and Richmond, for an increase in their compensation from $600 to $720 per annum.

(On October 3, 1912, a resolution of the Board of Aldermen recommending an increase in the salary of said position, was referred to the Committee on Salaries and Grades.)

Which were referred to the Committee on Salaries and Grades, consisting of the Comptroller and the President of the Board of Aldermen.

The Secretary presented communications (15) from the following, endorsing the request of the Engineers and Firemen of the Fire Department for increases in salaries:

Fourth Avenue Subway League of Brooklyn.
Sunset Park Property Owners' Association of Brooklyn. .
Staten Island Board of Trade and Transportation.
West Brooklyn Board of Trade.
Subway Committee of the Allied Civic Bodies of South Brooklyn.
Citizens' Association of Bay Ridge and Fort Hamilton.
David Porter, 189 Montague street, Brooklyn.
J. L. Dunlap, 27 West 11th street, New York City.
Irving T. Bush, President, Bush Terminal Company.
Wyckoff Heights Taxpayers' Association of Brooklyn. .
Richard Bennett, 189-191 Broadway, Manhattan.
William G. Morrisey, 189 Montague street, Brooklyn.
Hon. Bird S. Coler, 43 Cedar street, New York City.
West End Board of Trade of Brooklyn. .
Charles Thorley, 5th avenue and 46th street, New York City.

Which were referred to the Committee on Standardization of Salaries and Grades, consisting of the Comptroller, the President of the Borough of Manhattan and the President of the Borough of Brooklyn.

The Secretary presented communications, as follows:

From the Commissioner of Health, submitting copy of the Monthly Bulletin of the Department of Health for September, 1912, which contains an abstract of the Budget for said Department for the year 1913 and a brief summary of the reasons for increases requested therein;

From the Assistant Bookkeeper of the Police Department, relative to the recommendation contained in the departmental estimate for the Police Department for the Budget for the year 1913 for an increase in the salary for said position;

From the United Real Estate Owners' Association of The City of New York, protesting against the increasing of salaries of any of the heads of departments or employees of The City of New York;

From Pipe Caulkers and Tappers' Union, Local 7348, of Greater New York and vicinity, urging favorable consideration of an increase in the wages of Pipe Caulkers employed in the Department of Water Supply, Gas and Electricity from $4 to $4.50 per diem;

From the Board of Delegates of the Building Trades of Brooklyn and vicinity requesting that the Laborers employed in the Department of Water Supply, Gas and Electricity, in the Borough of Brooklyn, be granted an increase in compensation from $2.50 to $3 per diem.

Which were referred to the Budget Committee, consisting of the Comptroller, the President of the Borough of Manhattan, and the President of the Board of Aldermen.

The Secretary presented the following communication from the Commissioners of the Sinking Fund, transmitting certified copy of resolution adopted by said Commissioners at meeting held October 9, 1912, recommending that the resolution adopted February 9, 1911, by the Board of Estimate and Apportionment, authorizing the issue of $950,000 corporate stock in connection with the general improvement and development of Jamaica Bay, be amended by increasing the amount of Item 2 and decreasing the amount of Item 3 in said resolution, together with a report of the Corporate Stock Budget Committee relative thereto:

Commissioners of the Sinking Fund of the City of New York, October 9, 1912.

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

Dear Sir—I transmit herewith a certified copy of the resolution adopted by the Commissioners of the Sinking Fund at meeting held this day, recommending to the Board of Estimate and Apportionment that the resolution adopted February 9, 1911, authorizing the Comptroller to issue Corporate Stock to an amount not exceeding nine hundred and fifty thousand dollars ($950,000), the proceeds whereof to be applied to the purposes and uses of the Department of Docks and Ferries in the sums and for the purposes therein specified, be amended, as described in the resolution.

Very truly yours, JNO. KORB, JR., Secretary.

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the resolution adopted by the said Board on February 9, 1911, as follows:

Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, and the recommendations of the Commissioners of the Sinking Fund, by resolution adopted January 11, 1911, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of the City of New York in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding nine hundred and fifty thousand dollars ($950,000), the proceeds whereof to be applied to the purposes and uses of the Department of Docks and Ferries, in the sums and for purposes as hereinafter specified:

1. For the construction of a section of bulkhead, sand dyke or rip-rap retaining wall intended to retain dredged material to be taken from the main channel or entrance channel of Jamaica Bay, such structure or structures to be located along the section or sections of the proposed bulkhead line between Spring Creek Basin and the termination of the bulkhead at the point of Barren Island, $50,000.

2. For dredging in the main channel in Jamaica Bay between Spring Creek Basin and the southeasterly point of Barren Island, contingent upon the execution of a contract with the United States Government through which provision shall be made for the reimbursement of the City of New York by the United States Government for all or a part of the cost of said dredging, $150,000.

3. For the acquisition of the lands located in or on Jamaica Bay needed for filling purposes, the precise location of such lands to be determined upon in the future by the Commissioner of Docks acting co-ordinately with the Commissioners of the Sinking Fund, $750,000

—provided, however, that no obligations shall be incurred by contract or otherwise against the appropriations herein previously recommended, except in accordance with law—be amended to make the amount in Item No. 2 read two hundred and twenty-six thousand dollars ($226,000) and the amount in item No. 3 read six hundred and seventy-four thousand dollars, $674,000.

A true copy of resolution adopted by the Commissioners of the Sinking Fund October 9, 1912. JNO. KORB, JR., Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 14, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On October 9, 1912, the Commissioners of the Sinking Fund adopted a resolution recommending a transfer of $76,000 from the Corporate Stock Fund for the Acquisition of Lands in Jamaica Bay, needed for filling-in purposes, to the fund "For Dredging the Main Channel Between Spring Creek Basin and the Southeasterly Point of Barren Island, Jamaica Bay." In connection therewith we report as follows:

The sum of $150,000 was appropriated for dredging the main channel, and the sum of $750,000 for the acquisition of lands for filling-in purposes. The allowances were included in an appropriation of $950,000 for the general harbor work in Jamaica Bay.

The Department of Docks and Ferries has prepared a contract for dredging in Jamaica Bay, based upon the removal of 1,800,000 cubic yards, at an estimated cost of 12 cents per cubic yard, or a total of $216,000. About $140,000 is available for dredging, and the $76,000 asked for will be sufficient for the work. The transfer is necessary to the letting of the dredging contract.

The United States Government is to reimburse the Department of Docks and Ferries to the extent of 8 cents per cubic yard.

We recommend the adoption of the attached resolution approving the transfer.

Respectfully,

DOUGLAS MATHEWSON, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan, Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of and concurs in the resolution adopted by the Commissioners of the Sinking Fund on October 9, 1912, as follows:

"Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, the Commissioners of the Sinking Fund hereby recommend to the Board of Estimate and Apportionment that the resolution adopted by the said Board on February 9, 1911, as follows:

"Resolved, That, pursuant to the provisions of section 180 of the Greater New York Charter, and the recommendations of the Commissioners of the Sinking Fund, by resolution adopted January 11, 1911, the Board of Estimate and Apportionment hereby authorizes the Comptroller to issue corporate stock of The City of New York in the manner provided by section 169 of the Greater New York Charter, to an amount not exceeding nine hundred and fifty thousand dollars ($950,000), the proceeds whereof to be applied to the purposes and uses of the Department of Docks and Ferries in the sums and for the purposes as hereinafter specified:

"1. For the construction of a section of bulkhead, sand dyke or riprap retaining wall, intended to retain dredged material to be taken from the main channel or entrance channel of Jamaica Bay, such structure or structures to be located along the section or sections of the proposed bulkhead line between Spring Creek Basin and the termination of the bulkhead at the point of Barren Island, $50,000.

"2. For dredging in the main channel in Jamaica Bay between Spring Creek Basin and the southeasterly point of Barren Island, contingent upon the execution of a contract with the United States Government, through which provisions shall be made for the reimbursement of The City of New York by the United States Government, for all or a part of the cost of said dredging, $150,000.

"3. For the acquisition of lands located in or on Jamaica Bay needed for filling purposes, the precise location of such lands to be determined upon in the future by the Commissioner of Docks acting coordinately with the Commissioners of the Sinking Fund, $750,000.

"—provided, however, that no obligation shall be incurred by contract or otherwise against the appropriations herein previously recommended, except in accordance with law."

—be and the same is hereby *amended to make the amount in Item No. 2 read two hundred and twenty-six thousand dollars,* ($226,000). *and the amount in Item No. 3 r six hundred and seventy-four thousand dollars* ($674,000.)

Which was adopted by the following vote:

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

The Secretary presented communications as follows:

From the Commissioner of Parks, Manhattan and Richmond, requesting that t resolution adopted July 17, 1911, authorizing the issue of $200,000 corporate sto to provide means for the construction of the foundations and walls of the wings fc the new Aquarium Building in Battery Park, be amended, by providing that said sui be used for the construction of the foundations and walls and the equipment of th north wing for the new Aquarium Building in Battery Park, for architect's service in connection therewith for the expense of preliminary plans and specifications fo the entire building, including the south wing thereof.

From the Public Service Commission, requesting the issue of $1,000,000 corporate stock to provide means for additional work under contracts for the construction o the Lexington avenue subway in the Boroughs of Manhattan and The Bronx, and a

Petition of property owners, residents and tradespeople of Sheepshead Bay, urging an appropriation for the erection of a bridge for vehicles and pedestrians over Sheeps head Bay, from the mainland at the foot of Ocean avenue to Manhattan Beach.

Which were referred to the Corporate Stock Budget Committee, consisting of th Comptroller, the President of the Board of Aldermen and the President of the Boroug of Manhattan.

The Secretary presented the following communication from the Corporatio Counsel, informing the Board that the oaths of the Commissioners of Estimate anc Appraisal in the matter of acquiring title by The City of New York to certain land and premises in the block bounded by Stuyvesant place, De Kalb street, Jay street an South street, New Brighton, Borough of Richmond, selected as a site for an addition: County court house in Richmond County, were duly filed in the office of the Count Clerk of said County on October 2, 1912:

Which was ordered printed in the minutes and filed.

City of New York, Law Department, Office of the Corporation Counsel, Nev York, October 5, 1912.

New York Supreme Court, County of Richmond, Second Judicial District, in the matter of acquiring title by The City of New York to certain lands and premises in the block bounded by Stuyvesant place, DeKalb street, Jay street and South street, in the First Ward (New Brighton) of the Borough of Richmond, in The City of New York, duly selected as a site for an additional County Court House in the County of Richmond.

Board of Estimate and Apportionment, 277 Broadway, City:

Gentlemen—I beg to inform you that the oaths of Messrs, Frank H. Innes Horatio J. Sharrett and George S. Scofield, Commissioners of Estimate and Appraisal in the above entitled proceeding were duly filed in the office of the Clerk of the County of Richmond on October 2, 1912. Respectfully,

C. D. OLINDORF, Acting Corporation Counsel.

The Secretary presented the following communication from the Assistant Commissioner of Public Works, Borough of Manhattan, requesting, and report of the Comptroller, recommending approval, pursuant to resolution adopted July 11, 1912, of the specifications, plans and estimate of cost ($750) for one Venturi hot water meter and recording thermometer to be installed in the Hall of Records, Borough of Manhattan, under the jurisdiction of the President of the Borough of Manhattan:

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Office of Commissioner of Public Works, Borough of Manhattan, 21 Park Row, New York City, September 23, 1912.

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

Sir—Application is hereby made for permission to install one Venturi meter and connections in the Hall of Records at an estimated cost of $750, payable out of corporate stock "C-PM—IC, Permanent Betterment, Repairs and Equipment of Public Buildings."

This meter has been recommended by the Board of Engineers appointed by parties interested in the test which is about to be made upon the operation of that building. Other plans were considered but overruled by the Board upon the ground that this was the only meter that would satisfactorily meet its requirement. Attached hereto find specifications and blueprint of the same. I am, very truly yours,

W. R. PATTERSON, Assistant Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 5, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On September 23, 1912, the President of the Borough of Manhattan requested approval of specifications and plans for the installation of a Venturi meter and connections, at an estimated cost of $750, in the Hall of Records, Borough of Manhattan.

It is proposed to install the meter under an open market order.

I am advised that $750 is a reasonable cost, and that the specifications and plans are satisfactory.

The cost is to be paid from a corporate stock fund of $100,000, authorized by the Board of Estimate and Apportionment on June 3, 1910, concurred in by the Board of Aldermen on June 28, 1910, and entitled "C. P. M.—1C, Bureau of Public Buildings and Offices, Borough of Manhattan, Permanent Betterment, Improvement and Equipment of Buildings." On October 2, 1912, an unencumbered balance of $54,437.22 remained in the fund.

I recommend the adoption of the attached resolution granting the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves the specifications, plans and estimate of cost in the sum of seven hundred and fifty dollars ($750), for one (1) Venturi hot water meter and recording thermometer, to be installed in the boiler feed line at the Hall of Records, Borough of Manhattan, under the jurisdiction of the President of the Borough of Manhattan, the cost to be paid from the corporate stock fund entitled "C. P. M—1C, Bureau of Public Buildings and Offices, Borough of Manhattan, Permanent Betterment, Improvement and Equipment of Buildings."

Which was adopted by the following vote:

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

The Secretary presented a report of the Commissioner of Street Cleaning, referring to a petition of Owners of Office Buildings in the Borough of Brooklyn, protesting against the removal of ashes, etc., from said buildings at their own expense, stating that the Department is not in a position to handle this increased output, that he is now considering the matter with the Corporation Counsel, but no decision can be rendered until January 1, 1913.

Which was ordered filed and the Secretary directed to transmit a copy thereof to the Chairman of the Committee of the Petitioners.

(On September 26, 1912, the above petition was referred to the Commissioner of Street Cleaning.)

The Secretary presented the following communication from the Board of Water Supply requesting, and report of the Comptroller recommending, approval of the purchase by said Board of the fee title of Parcel No. 338, part of Parcel No. 333, temporary easements in the remainder of Parcel No. 333 and all of Parcel No. 334, Section 7, Northern Aqueduct, at a price not exceeding $5,000:

(On October 10, 1912, the request of the Board of Water Supply for approval of the above purchase was referred to the Comptroller.)

Board of Water Supply, City of New York, 165 Broadway, New York, October 3, 1912.

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

Gentlemen—At the meeting of the Board of Water Supply held October 1, 1912, the following resolution was adopted:

Resolved, That the Board of Water Supply, pursuant to chapter 724 of the Laws of 1905, as amended, and subject to approval of the Board of Estimate and Apportionment, hereby approves of the purchase from Helene Pagenstecher, for $5,000, of Parcel 338, containing .781 acre, and part of Parcel 333, containing 2.333 acres, temporary easements in the remainder of Parcel 333 and Parcel 334, containing .534 acre; and that when and if such purchase shall be approved by the Board of Estimate and Apportionment the Corporation Counsel is hereby requested to prepare the necessary agreements and other instruments for the signatures of the Board of Water Supply and to take such other steps and proceedings as may be necessary and proper to consummate the purchase.

We enclose herewith copy of option covering this purchase. We respectfully request the approval of the Board of Estimate and Apportionment to this purchase.

Respectfully, BOARD OF WATER SUPPLY,
Per JOSEPH P. MORRISSEY, Secretary.

Board of Water Supply, City of New York, 165 Broadway, New York, October 4, 1912.

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

Gentlemen—Referring to our letter of October 3, 1912, requesting approval of the purchase from Helene Pagenstecher for $5,000 of Parcel 338 and Part of Parcel 333, also temporary easements in the remainder of Parcel 333 and 334, we beg to advise you that these parcels are located in Northern Aqueduct, Section 7.

Respectfully, BOARD OF WATER SUPPLY,
Per JOSEPH P. MORRISSEY, Secretary.

Department of Finance, City of New York, Comptroller's Office, October 15, 1912.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—The following communication, under date of October 3, 1912, from the Board of Water Supply, was presented to your Board at a meeting held October 10, 1912, and was referred to this Department for consideration and report:

"At the meeting of the Board of Water Supply, held October 1, 1912, the following resolution was adopted:

"Resolved, That the Board of Water Supply, pursuant to chapter 724 of the Laws of 1905, as amended, and subject to approval of the Board of Estimate and Apportionment, hereby approves of the purchase from Helene Pagenstecher for $5,000 of Parcel 338, containing .781 acre and part of Parcel 333, containing 2.333 acres, temporary easements in the remainder of Parcel 333 and Parcel 334 containing .534 acre; and that when and if such purchase shall be approved by the Board of Estimate and Apportionment the Corporation Counsel is hereby requested to prepare the necessary agreements and other instruments for the signatures of the Board of Water Supply and to take such other steps and proceedings as may be necessary and proper to consummate the purchase.

"We enclose herewith copy of option covering this purchase. We respectfully request the approval of the Board of Estimate and Apportionment to this purchase."

The map herewith shows the parcels covered by this resolution, which are a part of section 7, Northern Aqueduct, Town of Cornwall, Orange County, New York, as follows:

Fee Title.

	Acres.
Part of Parcel 333	2.332
All of Parcel 338	0.781
Total fee title	3.113

Temporary Easement During Construction of Aqueduct.

	Acres.
Part of Parcel 333	4.255
All of Parcel 334	0.534
Total	4.789

The City has been in possession of these properties for three years, using part of Parcel 333 for a spoil bank during that time.

The option price of $5,000, for both fee title and easements as above, is a flat price, no interest, no bank rentals, no commissioners' fees, no expenses of any kind.

The prices awarded in condemnation proceedings for other similar parcels in this immediate neighborhood have varied widely, but the following awards may be given:

	Acres.	Award.
Parcel 336, adjoining Parcel 333 on the west	0.431	$500 00
Parcel 337, next west	0.582	500 00
Parcel 339, adjoining Parcel 338 on the west	0.230	1,600 00
Parcel 341, a little further west	1.567	3,500 00
Parcel 332, adjoining Parcel 333 on the east	0.944	2,500 00
Totals	3.754	$8,600 00

Total awards, $8,600 for 3.754 acres, or at the average rate of $2,290 an acre.

The proposed conveyances by Helene Pagenstecher are to cover all claims for damages against The City of New York and the Board of Water Supply, its agents and servants, caused by surveying, boring and occupation of the land covered by said conveyances, and also to include all damages for destruction of the locust grove on Parcel 333. This price is less than it would cost the City if taken by condemnation.

I therefore respectfully recommend, the price being reasonable and just under the circumstances, that the Board of Estimate and Apportionment approve the purchase by the Board of Water Supply of the fee title of Parcel 338, containing .781 acre, part of Parcel 333, containing 2.332 acres, and temporary easements in the remainder of Parcel 333, containing 4.255 acres, and all of Parcel 334, containing .534 acre, in section 7, Northern Aqueduct, Town of Cornwall, Orange County, New York, at a price not exceeding $5,000, said purchase to be conditioned upon the delivery by Helene Pogenstecher of a release or releases to cover all claims for damages against The City of New York and the Board of Water Supply, its agents and servants, caused by surveying, boring and occupation of the land covered by said releases, and also to include all damages for destruction of the locust grove on said Parcel 333; and that the Corporation Counsel be requested to prepare the necessary agreements and other instruments for the signatures of the Board of Water Supply, and to take such other steps and proceedings as may be necessary and proper to consummate the purchase. Respectfully,

DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of chapter 724 of the Laws of 1905, as amended, the Board of Estimate and Apportionment hereby approves of the action taken by the Board of Water Supply in relation to the acquisition of fee title of Parcel 338, containing .781 of an acre; part of Parcel 333, containing 2.332 acres, and temporary easements in the remainder of Parcel 333, containing 4.255 acres; and all of Parcel 334, containing .534 of an acre, in section 7 of Northern Aqueduct, Town of Cornwall, Orange County, New York, and authorizes the purchase of the same from Helene Pagenstecher at a price not exceeding five thousand dollars ($5,000); said purchase to be conditioned upon the delivery by said Helene Pagenstecher of a release or releases to cover all claims for damages against The City of New York, and the Board of Water Supply, its agents and servants, caused by the surveying, boring and occupation of the land covered by said releases and also to include all damages for the destruction of the locust grove on said Parcel 333; the Corporation Counsel to prepare the necessary agreements and other instruments for the signature of the Board of Water Supply, and to take such other steps and proceedings as may be necessary and proper in the premises.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the City Chamberlain requesting, and report of the Comptroller recommending, the transfer of $232.50 within the appropriation made to the City Chamberlain for the year 1912:

City of New York, Office of the Chamberlain, September 18, 1912.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—Request is hereby made for the transfer to Account No. 69, 1912 (Contingencies), City Chamberlain, of the sum of $45 from Account No. 65, 1912 (Supplies and Materials), City Chamberlain; of the sum of $75 from Account No. 66, 1912 (Repairs to Furniture and Fittings), City Chamberlain; of the sum of $100 from Account No. 68 (Telephone Service), City Chamberlain, and of the sum of $10 from Account No. 70 (Purchase of Furniture and Fittings), City Chamberlain, making in all the sum of $230.

These transfers are to provide for the purchase of 10,000 stamped envelopes at a cost of $21.12 a thousand, for the mailing of jurors' checks for the balance of the year, an obligation arising unexpectedly through the exhaustion of the supply previously had, due largely to an increase in the number necessary over that which was calculated upon at the time of the preparation of the Budget.

I also request the transfer of $2.50 from Account No. 65, 1912 (Supplies and Materials), City Chamberlain, to Account No. 67 (Special Contract Obligations), City Chamberlain. This transfer is to make up a deficit in the latter account occasioned through an inadvertent overcharge against the same. Yours very truly,

R. R. MOORE, Chamberlain.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, October 14, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On September 18, 1912, the City Chamberlain requested transfers in the sum of $232.50 within appropriations to his office for the year 1912. The transfers are to make up a deficit of $2.50 in one account, caused by an inadvertent overcharge; and for the purchase of ten thousand stamped envelopes for the mailing of jurors' checks for the rest of the year. The ten thousand envelopes represent the increase in the number necessary over the Budget allowance.

I recommend the adoption of the attached resolution approving request.

Respectfully, DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 237 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of transfer of funds appropriated to the office of the City Chamberlain, for the year 1912, as follows:

	FROM	
65	Supplies and Materials	$47 50
66	Repairs to Furniture and Fittings	75 00
68	Telephone Service	100 00
70	Purchase of Furniture and Fittings	10 00
	TO	
67	Special Contract Obligations	2 50
69	Contingencies	230 00

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Police Department requesting, and report of the Comptroller recommending, modification of salary schedule No. 694 for said Department for the year 1912, providing for an increase in the number of Sergeants by 10, and a decrease in the number of Lieutenants by 8:

Police Department of The City of New York, Office of the Commissioner, August 28, 1912.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, City of New York:*

Sir—I respectfully request the modification of the salary schedule, Code No. 694, Police Department, Police Fund, Uniformed Force, Surgeons, Etc., Salaries, Regular Employees, so that the same shall read as follows:

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Captain	$337,500 00
Lieutenant	1,359,000 00
Lieutenant, detailed to Permanent Census Bureau	2,250 00
Sergeant	1,062,750 00
Detective, 1st Grade	337,500 00
Patrolman	10,968,023 98
Patrolman, detailed to Permanent Census Bureau	56,000 00
Surgeon, 25 at $3,500	87,500 00
Matron, 70 at $1,000	70,000 00
Superintendent of Telegraph and Electric Service	4,000 00
Assistant Superintendent of Telegraph and Electric Service	3,000 00
Assistant Superintendent of Telegraph and Electric Service	2,700 00
Boiler Inspector, 2 at $1,300	2,600 00
Chief Lineman	1,500 00
	$14,294,323 98

The request, if granted, will permit the appointment of additional Sergeants, in the interest of the efficiency of the Department, and will not increase the expenditures beyond the budget appropriation. Very respectfully,

R. WALDO, Police Commissioner.

City of New York, Department of Finance, Bureau of Municipal Investigation and Statistics, October 14, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On August 28, 1912, the Police Commissioner requested modification of a schedule of salaries in his department for the year 1912. In connection therewith I report as follows:

The request is in No. 694, Police Fund, Uniformed Force, etc. It is proposed to reduce the lump sum line item for Lieutenant from $1,377,000 to $1,359,000, a reduction of $18,000, and increase the lump sum line item for Sergeants from $1,044,750 to $1,062,750, an increase of $18,000. The change will give a decrease of 8 Lieutenants and an increase of 10 Sergeants. The Commissioner states that there are more Lieutenants than can be properly used while there are not enough Sergeants. He is of the opinion that the change will be in the interest of greater efficiency in the uniformed force. Since January 1 the Lieutenants have been decreased from 624 to 601, and the Sergeants have been increased from 586 to 620. Under the provisions of chapter 160 of the Laws of 1907, amending section 276 of the Greater New York Charter, 4 Lieutenants and 4 Sergeants are allowed for each 50 Patrolmen. If funds were available the Commissioner would have authority to appoint 712 Lieutenants and 712 Sergeants, as the quota of Patrolmen is now 8,933. I am informed that it is the purpose of the Commissioner not to fill vacancies in the position of Lieutenant until the number of Lieutenants is reduced to the minimum force actually required.

I recommend the adoption of the attached resolution granting the request.

Respectfully, DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Police Department, for the year 1912, as follows:

POLICE DEPARTMENT.

Personal Service, Maintenance and Operation, Police Fund—Uniformed Force, Surgeons, etc.

694	Salaries, Regular Employees:	
	Captain	$337,500 00
	Lieutenant	1,359,000 00
	Lieutenant detailed to Permanent Census Board	2,250 00
	Sergeant	1,062,750 00
	Detective, 1st grade	337,500 00
	Patrolman	10,968,023 98
	Patrolman, detailed to Permanent Census Board	56,000 00
	Surgeon, 25 at $3,500	87,500 00
	Matron, 70 at $1,000	70,000 00
	Superintendent of Telegraph and Electric Service	4,000 00
	Assistant Superintendent of Telegraph and Electric Service	3,000 00
	Assistant Superintendent of Telegraph and Electric Service	2,700 00
	Boiler Inspector, 2 at $1,300	2,600 00
	Chief Lineman	1,500 00
		$14,294,323 98

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Department of Parks, Boroughs of Manhattan and Richmond requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted July 11, 1912, of the form of contract, specifications, plans and estimate of cost ($30,255), for constructing gravel walks and tennis courts, erecting wrought iron picket fence and other work in connection with the improvement of Highland Park, Borough of Brooklyn, under the jurisdiction of said Department:

The City of New York, Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park, Borough of Brooklyn, September 26, 1912.

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

Gentlemen—I am transmitting herewith for your approval, plans, contract form and specifications for constructing gravel walks, constructing tennis courts, furnishing and erecting wrought iron picket fence, and other incidental work in connection with the improvement of Highland Park, on Jamaica avenue, in the Borough of Brooklyn.

The estimated cost of this work is thirty thousand two hundred and fifty-five dollars ($30,255), and is to be charged to the corporate stock fund entitled, "General Improvement, Highland Park, Code No. C. D. P.—242K."

Very truly yours, M. J. KENNEDY, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 11, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On September 26, 1912, the Commissioner of Parks, Borough of Brooklyn, requested approval of the form of contract, specifications, plans and estimated cost of $30,255 for constructing gravel walks and tennis courts, erecting wrought iron picket fence and other incidental work in connection with the improvement of Highland Park, Borough of Brooklyn.

The cost of the work is to be charged to the unencumbered balance of $44,175 (as of October 9, 1912) in the corporate stock fund entitled, "C. D. P.—242K, Department of Parks, Brooklyn and Queens, General Improvement, Highland Park." An appropriation of $45,000 was authorized for the fund, by the Board of Estimate and Apportionment on July 17, 1911, and concurred in by the Board of Aldermen on July 25, 1911.

The form of contract, specifications and plans are satisfactory, and the estimate of cost is reasonable.

I recommend the adoption of the attached resolution granting the request.

Respectfully, DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 11, 1912, hereby approves the form of contract, specifications, plans and estimate of cost in the sum of thirty thousand two hundred and fifty-five dollars ($30,255), for constructing gravel walks and tennis courts, erecting wrought iron picket fence and other work in connection with the improvement of Highland Park, Borough of Brooklyn, under the jurisdiction of the Department of Parks, Borough of Brooklyn, the cost of the work to be charged to the corporate stock fund entitled, "C. D. P.—242K, Department of Parks, Brooklyn and Queens, General Improvement, Highland Park."

Which was adopted by the following vote:

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

The Secretary presented the following report of the Comptroller relative to and requesting the transfer of $20,000 from accounts "Interest on bonds, etc., to be issued in 1911 after September 30, and in 1912," and "Redemption of the City Debt, City of New York," to accounts within the appropriation made to the Department of Finance for the year 1912:

Department of Finance, City of New York, Comptroller's office, October 14, 1912.

The Honorable Board of Estimate and Apportionment:

Gentlemen—Application is hereby made to your honorable Board for the approval of the resolution, transmitted herewith, authorizing the following transfers:

FROM

76	Interest on Bonds, Stock and Corporate Stock Notes to be issued in 1911 after September 30 and 1912	$8,850 00
78	Redemption of the City Debt—The City of New York	11,150 00
		$20,000 00

TO

Department of Finance.

55	Supplies and Materials	$5,500 00
56	Repairs and Replacements by Contract or Open Order	200 00
58	Vehicular Transportation	3,000 00
59	Purchase of Furniture	500 00
60	Contingencies	8,300 00
61	Special Contract Obligations	2,500 00
		$20,000 00

These transfers are necessary owing to expenditures from the various accounts of the Department, which were unforeseen at the time the 1912 Budget was prepared, among which expenditures are the following:

First—Additional hire of automobiles for the use of Deputy City Paymasters and their assistants, in paying City employees at their work. In 1911 there were approximately fourteen automobile trips per week. In 1912 the number has been greatly increased for the reason that many City Officers and Departments who, in 1911, used their own automobiles for the purpose mentioned have not done so during the present year. This is the condition with regard to payments in the Bureau of Highways and Bureau of Sewers, Queens; Bureau of Highways, Brooklyn; Bureau of Highways, Bureau of Sewers and Bureau of Public Buildings and Officers, Bronx; in the Department of Docks and Ferries, and the Department of Parks. Furthermore, owing to the new system of paying the employees in the Department of Street Cleaning a largely increased number of trips are being required by the automobiles hired by this Department in 1912 than were required during 1911.

Second—Because of the increased labor occasioned by the operation of Section 455, Laws of 1911, Providing for the semi-annual collection of taxes, it has been found necessary to employ additional help, both temporary and permanent, in the Bureau for the Collection of Taxes. The bonds of all of these additional employes, with the exception of those whose salaries are above $1,200 per annum, have been paid for by the City.

Third—In the Bureau for the Collection of Assessments and Arrears and in the Bureau of Municipal Investigation and Statistics modern calculating machines have been installed which save time and labor, insure absolute accuracy, and greatly add to the efficiency of the Department.

Fourth—Installing new electric lighting system in various offices of the Department, pursuant to the requirements of the Department of Water Supply, Gas and Electricity.

Fifth—Additional filing cabinets for new form of tax-bills necessitated by the operation of the law previously mentioned, providing for the semi-annual collection of taxes, also hire of additional Adding and Billing machines. Respectfully,

DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 237 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves transfer of funds appropriated to the Department of Finance for the year 1912, as follows:

FROM

76	Interest on Bonds, Stock and Corporate Stock Notes to be Issued in 1911, after September 30, and in 1912	$8,850 00
78	Redemption of the City Debt, The City of New York	11,150 00
		$20,000 00

TO

Department of Finance.

55	Supplies and Materials	$5,500 00
56	Repairs and Replacements by Contract or Open Order	200
58	Vehicular Transportation	3,000
59	Purchase of Furniture and Fittings	500
60	Contingencies	8,300
61	Special Contract Obligations	2,500
		$20,000

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Public Service Commission for the First District requesting, and report of the Corporate Stock Budget Committee, recommending the issue of $154,500 corporate stock for the purof acquiring real estate, or interest therein, necessary for the construction and operation of the 4th avenue subway in the Borough of Brooklyn:

State of New York, Public Service Commission for the First District, Tribune Building, 54 Nassau street, New York, September 24, 1912.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, Department of Finance,* 280 *Broadway, New York City:*

Dear Sir—The Public Service Commission for the First District, on February 15, 1910, made requisition upon the Board of Estimate and Apportionment for the sum of $200,000 for the purpose of acquiring real estate and any rights, terms and interests therein, any and all rights, privileges, franchises and easements whether of owners or abutters or others to interfere with the construction or operation of the various sections of the 4th avenue subway in the Borough of Brooklyn, or to cover damages therefor which in the opinion of the Commission it should be necessary to acquire or extinguish for the purpose of constructing and operating such road free of interference and right of interference. Pursuant to this requisition and to reports made by you, the Board of Estimate and Apportionment on March 4, 1910, appropriated the sum of $20,500, and on April 29, 1910, the further sum of $25,000, for the purposes specified in the Commission's requisition. There is now, therefore, a balance unappropriated under the Commission's requisition of $154,500, and it is now necessary to secure the appropriation of this balance in order to pay certain Commissioners' fees and fees of experts and other expenses which are now due, together with an award recently made by the Commissioners of appraisal in the two condemnation proceedings instituted by the Commission relating to property on Fulton street and Flatbush avenue, and known as Fourth Avenue Subway Condemnation Proceeding No. 1, and Fourth Avenue Subway Condemnation Proceeding No. 3. The award now made and included in the first separate report of the Commissioners of Appraisal will amou with interest to about $117,000. I, therefore, desire to request that you will repor to the Board of Estimate and Apportionment that the unappropriated balance under the Commission's requisition of February 15, 1910, is now necessary for the purposes specified in that requisition and should accordingly be appropriated. It will, of course, be necessary to make further requisitions upon the Board of Estimate and Apportionment to pay other expenses and awards as they fall due, but the sum now requested will be sufficient for immediate needs. Yours very truly,

TRAVIS H. WHITNEY, Secretary.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 7, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On September 24, 1912, the Public Service Commission for the First District requested $154,500 in corporate stock for the payment of certain Commissioners' fees and fees of experts which are now due, together with an award of the Commissioners of Appraisal in the two condemnation proceedings, known as Fourth

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Avenue Subway Condemnation Proceeding No. 1 and Fourth Avenue Subway Condemnation Proceeding No. 3. In connection therewith we report as follows:

The request is based on a requisition made by the Commission on February 15, 1910, for the sum of $200,000, for the purpose of acquiring real estate and any rights, terms and interests therein, any and all rights, privileges, franchises and easements, whether of owners or abutters or others to interfere with the construction or operation of the various sections of the Fourth Avenue Subway, Brooklyn, or to cover damages therefor. Under this requisition, the Board of Estimate appropriated $20,500 on March 4, 1910, and $25,000 on April 29, 1910. The unauthorized balance of $154,500 is now requested.

The amounts already appropriated under the requisitions have been expended. A voucher for $3,840 in favor of Robert E. Morse, Consulting Engineer, is held in the Department of Finance for lack of funds.

On September 20, 1912, the Supreme Court, Second Department, directed payment of fees in Condemnation Proceedings No. 1 and No. 3, as follows:

William B. Hurd, Jr.	$1,640 00	
Arthur S. Somers	1,380 00	
Eustace Conway	1,640 00	
		$4,660 00
William B. Hurd, Jr.	$340 00	
Arthur S. Somers	300 00	
Eustace Conway	340 00	
		980 00

The Commissioners of Appraisel, under Proceeding No. 1, awarded to John Ryan for permanent and temporary easements taken in his property, the total sum of $98,535.85. Interest on this award runs from September 20, 1910, and computed to October 20, 1912, amounts to $12,316.98. The amount of the award, with interest, therefore, is $110,852.83.

Under Proceeding No. 3, the Commissioners have made an award in the sum of $6,318. Interest runs on this award from March 21, 1912, and computed to October 21, 1912, amounts to $121.13.

The total of the amounts specified above is $126,771.96. The Commission states that the balance of $27,728.04 will be needed for other awards soon to be made.

We recommend the adoption of the attached resolution approving the request.

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; GEORGE McANENY, President, Borough of Manhattan; Corporate Stock Budget Committee.

The following was offered:

Whereas, The Public Service Commission for the First District, pursuant to the Rapid Transit Act, being chapter 4 of the Laws of 1891, as amended, made requisition under date of February 15, 1910, upon the Board of Estimate and Apportionment for corporate stock of The City of New York to the amount of two hundred thousand dollars ($200,000), for the purpose of acquiring real estate and any rights, terms and interests therein, any and all rights, privileges, franchises and easements, whether of owners or abutters or others, to interfere with the construction or operation of the various sections of the Fourth Avenue Subway, in the Borough of Brooklyn, or to cover damages therefor, which in the opinion of the Commission should be necessary to acquire or extinguish for the purpose of constructing and operating such road free of interference and right of interference; and

Whereas, The Board of Estimate and Apportionment on March 4, 1910, authorized the preliminary issue of corporate stock to the amount of twenty thousand five hundred dollars ($20,500), and on April 29, 1910, to the amount of twenty-five thousand dollars ($25,000), for the purposes specified in the requisition; therefore, be it

Resolved, That, pursuant to the provisions of chapter 4 of the Laws of 1891, as amended by chapter 498 of the Laws of 1909, the Comptroller be and is hereby directed to issue corporate stock of The City of New York to the amount of one hundred and fifty-four thousand five hundred dollars ($154,500), the proceeds thereof to the amount of the par value of the stock to be applied to the acquisition of real estate and any rights, terms and interests therein and any and all rights, privileges, franchises and easements, whether of owners or abutters or others, to interfere with the construction or operation of the various sections of the Fourth Avenue Subway, in the Borough of Brooklyn, or to cover damages therefor, which, in the opinion of the Public Service Commission for the First District, it should be necessary to acquire or extinguish for the purpose of constructing and operating said subway free of interference and right of interference.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Board of Education requesting, and report of the Comptroller recommending, approval of the increased estimate of cost ($109,647) for item 1, proposition 1, installing heating and ventilating apparatus in Bushwick High School, Brooklyn, under jurisdiction of the Department of Education.

Board of Education, Park Avenue and 59th Street, New York, October 15, 1912.

Hon. WILLIAM A. PRENDERGAST, *Comptroller, The City of New York:*

Dear Sir—I have the honor to advise you that at a meeting of the Committee on Buildings held on the 14th inst. it was ordered that you be requested to amend the approximate estimate of cost for item 1, installing heating and ventilating apparatus and electric generating equipment in the Bushwick High School, Brooklyn, by changing the amount from $100,000 to $109,647. Respectfully yours,

A. E. PALMER, Secretary, Board of Education.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 16, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On October 15, 1912, the Board of Education requested approval of $109,647 as an increased estimate of cost for (Item 1) installing heating and ventilating apparatus and electric generating equipment in Bushwick High School, Borough of Brooklyn.

On September 17, 1912, the Comptroller approved an estimated cost of $100,000 for this item. Bids for the work were opened on September 23, 1912. The lowest of six bids was that of the Raisler Heating Company for the sum of $112,567. All bids were rejected by the Board of Education and the work readvertised, bids being asked on separate propositions for the installation, as follows:

A. Plant with Fitzgibbons boilers;
B. Plant with Sterling boilers;
C. Plant with Milne boilers;
D. Ash conveyor, etc., to be installed with propositions B or C.

Bids were opened on October 14, 1912, and the lowest of four bids received on Proposition A was that of Blake & Williams, for the sum of $109,647.

The lowest bid on Proposition B was for the sum of $111,147, plus $200 for Proposition D, or a total of $111,347.

The lowest bid on Proposition C was for the sum of $109,047, plus $200 for Proposition D, or a total of $109,247.

The bids under Propositions B, C and D were rejected and the Board of Education proposes to award the contract to the lowest bidder under Proposition A.

The amount is reasonable, in view of the increased cost of material and labor since the first estimate was made last April, and the advanced state of construction of the building making necessary more cutting of partitions, etc., to install the ducts than would have been necessary if the heating and ventilating work had been contracted for sooner. There is a sufficient balance in the proper fund to meet the increased cost.

I recommend the adoption of the attached resolution granting the request.

Respectfully,

DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 11, 1912, hereby approves the revised estimate of cost in the sum of one hundred and nine thousand six hundred and forty-seven dollars ($109,647) for (Item 1) installing heating and ventilating apparatus and electric generating equipment in the Bushwick High School, Borough of Brooklyn, under the jurisdiction of the Department of Education, the cost of the work to be charged to the corporate stock fund entitled, "C. D. E.—38D, School Building Fund, Interior Construction and Equipment, Brooklyn, Subtitle 42."

Which was adopted by the following vote:

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

The Secretary presented the following communication from the President of the Borough of The Bronx requesting, and report of the Comptroller recommending, approval of form of contract, plans, specifications and estimate of cost ($1,500) for the erection of fire escapes on the Borough Hall, Borough of The Bronx, under the jurisdiction of said Borough President:

(On October 10, 1912, the above matter was referred to the Comptroller.)

City of New York, President of the Borough of The Bronx, 3d Avenue and 177th Street, Office of the President, October 7, 1912.

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

Dear Sir—Pursuant to a resolution adopted by the Board of Estimate and Apportionment on July 11, 1912, I submit herewith plans and form of contract and specifications for the erection of fire escapes on the Borough Hall, in Crotona Park, Borough of The Bronx.

The estimated cost of the work is $1,500.

I would like very much to have this work done before cold weather sets in and would request that the matter be submitted to the Board of Estimate and Apportionment at its next meeting on the 10th of October, 1912. Yours very truly,

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

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 15, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On October 7, 1912, the President of the Borough of The Bronx, requested approval of the form of contract, plans, specifications and estimate of cost in the sum of $1,500, for the erection of Fire Escapes on the Borough Hall, Borough of The Bronx.

The cost of the work is to be paid from the unencumbered corporate stock fund entitled, "C. P X.—36A—Borough Hall, Borough of The Bronx, Erection of Fire Escapes." The appropriation in the sum of $1,500 was approved by the Board of Estimate and Apportionment on July 11, 1912, and concurred in by the Board of Aldermen on August 30, 1912.

The form of contract is satisfactory. The plans and specifications are complete and satisfactory and the estimate of cost is reasonable.

I recommend the adoption of the attached resolution approving the request.

Respectfully, DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 11, 1912, hereby approves the form of contract, plans, specifications and estimate of cost in the sum of one thousand five hundred dollars ($1,500), for the erection of fire escapes on the Borough Hall, Borough of The Bronx, under the jurisdiction of the President of the Borough of The Bronx, the cost of the work to be paid from the corporate stock fund entitled, "C. P. X.—36A, Borough Hall, Borough of The Bronx, Erection of Fire Escapes."

Which was adopted by the following vote:

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

The Secretary presented a communication from the United Real Estate Owners' Association of the City of New York, opposing the proposed purchase by The City of the Bush terminal property in Brooklyn.

Which was referred to the Committee, consisting of the President of the Board of Aldermen, the Comptroller, the President of the Borough of Manhattan, the Chief Engineer of the Board and the President of the Borough of Brooklyn.

The Secretary presented a communication from the Parents' Association of Public School 132, Manhattan, relative to the urgent need of completing the annex to said school, for which an appropriation has been granted.

Which was referred to the Comptroller.

The following matters, not upon the calendar for this day, were considered by unanimous consent:

The Deputy and Acting Comptroller presented the following report, recommending the transfer to the General Fund for the Reduction of Taxation of an unexpended and an unencumbered balance in the Anti-Toxin Fund, in the sum of $21,727.65, and of an unencumbered balance in the Vaccine Virus Fund of $19,530.36:

The City of New York, Department of Finance, Comptroller's Office, September 30, 1912.

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

Gentlemen—An examination made in the Division of Expert Accounting of the Department of Finance, shows that there are certain unexpended and unencumbered cash balances, as at August 31, 1912, in the Anti-toxin Fund and in the Vaccine Virus Fund, both of which are under the jurisdiction of the Department of Health.

According to the provisions of section 1226 of the Greater New York Charter, these funds are subject to the requisition of the Board of Health for the purpose of paying salaries and furnishing supplies for use in the Research and Vaccine Laboratory. In the tax budget for the year 1912 your board included a sufficient amount to cover the expenses of this laboratory for the year, the revenues of the Anti-toxin and Vaccine funds having been used since January 1 last, exclusively for maintenance obligations incurred prior to that date.

The action referred to was in pursuance of the approved policy of your board to set forth clearly in the yearly tax budgets all expenses of maintenance and operation of the city government and further to divert all the revenues of the municipality to the General Fund.

Since writing the above, we find that owing to unusual demands upon the Anti-toxin Fund, the Department of Health requested permission to use $7,500 of the unencumbered balance in the Anti-toxin Fund for maintaining their laboratories, which request was granted by your board on October 10 last. That amount has therefore been deducted from the amount originally proposed to be transferred to the General Fund.

As the unencumbered balances of these funds now represent a considerable sum, I recommend that your Honorable Body approve the transfer of this money to the General Fund in accordance with the resolutions hereto appended. Respectfully,

DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the transfer by the Comptroller to the General Fund for the Reduction of Taxation of the following unexpended and unencumbered balance in the Anti-Toxin Fund (Code S. No. 2), amounting to the sum of twenty-one thousand seven hundred and twenty-seven dollars and sixty-five cents ($21,727.65), be and the same is hereby approved.

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the transfer by the Comptroller to the General Fund for the Reduction of Taxation of the following unexpended and unencumbered balance in the Vaccine Virus Fund (Code S. No. 32), amounting to the sum of nineteen thousand five hundred and thirty dollars and thirty-six cents ($19,530.36), be and the same is hereby approved.

Which was adopted by the following vote:

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

The Deputy and Acting Comptroller presented a communication from Commissioner of Parks, Queens, requesting an additional issue of $5,650 corporate stock for the erection of a Comfort Station in Kings Park, Jamaica, Queens.

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Which was referred to the Corporate Stock Budget Committee, consisting of the Comptroller, the President of the Board of Aldermen and the President of the Borough of Manhattan.

The Deputy and Acting Comptroller presented a communication from the Commissioner of Water Suplpy, Gas and Electricity, requesting that $945 be appropriated from Water Revenues, Brooklyn, to Account S. 229, Maintenance, etc., Water Supply, Brooklyn, 1912, etc.

Which was referred to the Comptroller.

The Deputy and Acting Comptroller presented communications as follows:

From the Gravesend Board of Trade, protesting increased salaries in the Tenement House Department;

From New York Academy of Medicine, submitting summary of report of the Public Health, Hospital and Budget Committee, relative to the vital statistics of the City and the Bureau of Records of the Department of Health.

Which were referred to the Budget Committee, consisting of the Comptroller, the President of the Borough of Manhattan and the President of the Board of Aldermen.

The Deputy and Acting Comptroller presented the following communication from the President of the Borough of Brooklyn relative to, and report recommending, the modification of Salary Schedule 1921 for the year 1912, for said Borough President, providing for a decrease in the number of days for laborers at $2.50 per day and increase in the number of days for Foremen at $4.50:

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, October 10, 1912.

Hon. WILLIAM A. PRENDERGAST, *Comptroller,* 280 Broadway, N. Y.:

Dear Sir—I transmit herewith copy of a communication received from our Bureau of Highways, requesting the modification of schedules Nos. 1921 and 1985, and also the transfer of $5,000 within the various accounts in our Highways Bureau. I would request that you kindly have your Bureau of Statistics prepare a report for the Board of Estimate and Apportionment recommending these changes.

This readjustment of schedules is for the purpose of carrying our forces to the end of the year, and the transfer is to obtain necessary supplies for the labor forces. I would thank you if you would kindly have this matter given early attention.

Yours very truly, ALFRED E. STEERS, President of the Borough.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 17, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On October 10, 1912, the President of the Borough of Brooklyn requested modification of a wage schedule in his office for the year 1912. In connection therewith I report as follows:

The request is in the Bureau of Highways, "Maintenance, No. 1921, Wages, Temporary Employees, Tax Levy and Special and Trust Fund Force." The only change is the decrease of 720 in the number of days for laborers at $2.50 and an increase of 400 in the days allowed for Foremen at $4.50. The Commissioner of Public Works states that the modification is necessary to carry the present organization of the Bureau to the end of the year. He also states that the modification will not be used as a basis for the 1913 estimate for the account.

The changes are within the total of the schedule.

I recommend the adoption of the attached resolution granting the request.

Respectfully, D. MATHEWSON, Deputy and Acting Comptroller.

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised for the office of the President of the Borough of Brooklyn, for the year 1912, to take effect as of October 1, 1912, as follows:

PRESIDENT, BOROUGH OF BROOKLYN.

Bureau of Highways.

1921	Wages, Temporary Employees, Tax Levy and Special and Trust Fund Force:	
	Topographical Draftsman, at $4 per day (400 days)	$1,600 00
	Rodman, at $4 per day (200 days)	800 00
	Clerk, at $4 per day (300 days)	1,200 00
	Foreman, at $4.50 per day (2,321 days)	10,444 50
	Foreman, at $4 per day (11,876 days)	47,504 00
	Assistant Foreman, at $3 per day (1,994 days)	5,982 00
	Asphalt Foreman, at $4.50 per day (1,605 days)	7,222 50
	Asphalt Foreman, at $4 per day (1,228 days)	4,912 00
	Stationary Engineer, at $4.50 per day (670 days)	3,015 00
	Steam Roller Engineer, at $4.50 per day (4,692 days)	21,114 00
	Inspector, at $4.93 per day (7,000 days)	34,510 00
	Inspector, at $4 per day (10,500 days)	42,000 00
	Paver, at $5 per day (12,800 days)	64,000 00
	Rammer, at $4 per day (6,400 days)	25,600 00
	Flagger, at $4.50 per day (3,800 days)	17,100 00
	Carpenter, $4.50 per day (837 days)	3,766 50
	Stonecutter, at $4.50 per day (279 days)	1,255 50
	Asphalt Worker, at $3 per day (608 days)	1,824 00
	Asphalt Worker, $2.50 per day (29,390 days)	73,475 00
	Stoker, at $3 per day (1,098 days)	3,294 00
	Laborer, at $3 per day (3,040 days)	9,120 00
	Laborer, at $2.50 per day (103,759 days)	$259,397 50
	Schedule total	$639,136 50
	Tax levy part allowance	$480,546 00
	Special and Trust fund part allowance	158,590 50
	Total allowance	$639,136 50

Which was adopted by the following vote:

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

The Deputy and Acting Comptroller presented the following resolution of the Board of Aldermen requesting, and report recommending, the issue of $20,000 special revenue bonds (subdivision 8, section 188 of the Charter) to be used by the President of the Borough of Queens to replenish the funds expended in complying with a court order to abate a nuisance at Far Rockaway:

In the Board of Aldermen.

Resolved, That in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of twenty thousand dollars ($20,000), the proceeds whereof to be used by the President of the Borough of Queens for the purpose of replenishing funds expended in complying with a court order to abate a nuisance at Far Rockaway, and urgently needed for the purposes for which the appropriation was originally made. All obligations contracted for hereunder to be incurred on or before December 31, 1912.

Adopted by the Board of Aldermen October 8, 1912, three-fourths of all the members voting thereon.

Approved by the Mayor October 17, 1912. P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 17, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On October 8, 1912, the Board of Aldermen adopted a resolution requesting $20,000 in special revenue bonds, to be used by the President of the Borough of Queens for the purpose of replenishing funds expended in complying with a court order to abate a nuisance at Far Rockaway. In connection therewith I report as follows:

On May 16, 1912, the City was enjoined and restrained from permitting any surface water or drain water to be discharged or deposited in certain sewers in Far Rockaway. The mandamus also prevented the backing up or forcing up of raw sewage and other material from the ejector station under the surface of South street, Far Rockaway, and connection between catch basins and sewers was forbidden until the said sewage ejector station had been increased in capacity.

To provide funds for the work made necessary by the mandamus, the Board of Estimate and Apportionment on June 20, 1912, approved the following transfers:

FROM

President of the Borough of Queens, Bureau of Highways.

2025	Supplies and materials	$10,000 00

President of the Borough of Queens, Bureau of Highways.

2077	Purchase and original equipment of apparatus, machines, harness and vehicles, except automobiles	10,000 00

TO

President of the Borough of Queens, Bureau of Sewers.

2038	Maintenance, repairs and replacements by contract or open order...	$20,000 00

The President of the Borough of Queens states that owing to the transfers there are no balances in Nos. 2025 and 2077, and that $20,000 is necessary to carry the accounts to the end of the year.

I recommend the adoption of the attached resolution approving the request.

Respectfully, DOUGLAS MATHEWSON, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on October 8, 1912, and approved by the Mayor on October 17, 1912, requesting special revenue bonds to the amount of twenty thousand dollars ($20,000), the proceeds whereof to be used by the President of the Borough of Queens for the purpose of replenishing funds expended in complying with a court order to abate a nuisance at Far Rockaway, and urgently needed for the purposes for which the appropriation was originally made, all obligations contracted for hereunder to be incurred on or before December 31, 1912, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, the amount to the extent of ten thousand dollars ($10,000) to be expended for the purposes similar to those provided for in the 1912 budget account entitled, "President, Borough of Queens, Supplies and Materials, No. 2025, Highways, and to the extent of ten thousand dollars ($10,000)," to be expended for the purposes similar to those provided for in the 1912 budget account entitled, "President, Borough of Queens, Purchase and Original Equipment of Apparatus, Machines, Harness and Vehicles, Except Automobiles, No. 2077, Highways," and for the purpose of providing means therefor the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not to exceed twenty thousand dollars ($20,000) redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

The Secretary presented the following report of the Committee on Standardization of Salaries and Grades, submitting report of the committee's work to date and an outline of the work which it proposes to do:

Which was referred to the Budget Committee, consisting of the Comptroller, the President of the Borough of Manhattan and the President of the Board of Aldermen.

The Secretary was directed to transmit copies thereof to the members of the Board.

New York, October 17, 1912.

Board of Estimate and Apportionment:

Gentlemen—In view of the fact that the departmental budget estimates are under consideration at the present time and that the question of salary increases, the consideration of which was postponed last year at budget time, will occupy a prominent place in the work of the Budget Committee and the consequent action of this Board, your Committee on Standardization of Salaries and Grades, appointed by his Honor the Mayor, in pursuance of a resolution adopted October 31, 1910, wishes to make this preliminary report based upon the study which it has been able to give the subject in the limited time since funds for the purpose were available.

Your committee is of the opinion—

1. That urgent need for standardization exists, as is shown by the results of its preliminary study and by requests for salary increases for 1913, aggregating over $6,000,000.
2. That extensive salary changes before standardization only increase confusion and injustice.
3. That standardization is feasible and can be accomplished along the lines of the plan herewith submitted.
4. That some legislation may be required, but of a nature which should not be hard to obtain.
5. That the necessary work can be accomplished in from seven to eight months.
6. That when completed this standardization will have classified the work now performed in the city according to the character of services rendered and the remuneration to be paid therefor.
7. That until the various classes of service performed have been standardized (except where the results of standardization already effected are presented for consideration in this budget) action on all salary increases be deferred as far as possible.

Appended hereto is a detailed report of the committee's work to date and an outline of the work which it proposes to do, all of which is submitted for the information and consideration of the Board of Estimate and Apportionment. Respectfully,

DOUGLAS MATHEWSON, Deputy and Acting Comptroller; GEORGE McANENY, ALFRED E. STEERS.

Work Accomplished.

The Committee on the Standardization of Salaries and Grades was unable until the spring of 1912 to begin its work of standardization, because no funds were available therefor. Twice the Board of Estimate and Apportionment provided in the tentative budget the necessary funds to conduct the work. Both times the item was not approved by the Board of Aldermen.

Last spring, however, with the co-operation of the Bureau of Municipal Research, the preliminary work of preparing a definite plan of procedure was undertaken. Classifications of service and grades within each class were defined. Data were collected in the Departments of Finance and the Borough President of Manhattan respecting the work performed by the entire personnel of those departments, and also the inspection service in the Department of Water Supply, Gas and Electricity. All of these data have been classified and graded, and in the case of the Department of Finance, have been tabulated. The results obtained prove conclusively the feasibility of the plan and the necessity for applying it throughout the city service, so that no longer shall there be men performing similar grades of work, one, for example, receiving $300 and the other $2,100 per year.

A brief description of the plan of procedure followed in the work so far accomplished in the Department of Finance is given below to illustrate the basis upon which the committee desires to continue its work:

Basis for Classification.

The best basis available for classifying and grading the various classes of service performed was found in the report of the Chicago Civil Service Commission, which was engaged for three years upon salary standardization. The classifications of service and gradations adopted by that commission within each class were studied carefully and used as a basis for working out service classifications and gradations to meet conditions in New York. It was found that the services performed in the Department of Finance could be grouped best under the following broad designations—

1. Administrative service.
2. Clerical service.
3. Inspection and investigation service.
4. Professional engineering service.
5. Supervisory service.
6. Medical service.
7. Skilled labor service.
8. Labor service.

Each one of these broad classes of service has been subdivided into grades, starting with the lowest kind of service within each class and graduating upward according to the degree of supervision or responsibility required, properly to perform the duties prescribed. The plan of standardization contemplates that the kind of service required by each grade as well as the compensation therefor be accurately defined. Tentative definitions of each class and grade have been worked out and are hereto attached (Exhibit "A.").

History Cards.

From the records of the department a separate card for each employee was prepared, showing:

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(a) Name.
(b) Title.
(c) Bureau or division where working.
(d) Date of entry into department.
(e) Rates of salary paid since appointment, with dates of each increase.
(f) Whether a veteran, and if so, what kind.

Service Cards.

While the service cards were being filled out blank cards of similar size were distributed throughout the various bureaus and divisions of the department. A separate card was given to each employee with the request that the following information be filled out for himself individually:

(a) Name.
(b) Title
(c) Bureau or division where working.
(d) Annual salary.
(e) Age.
(f) Description of work performed.
(g) Approval by head of bureau or division.

The description of the work performed as shown on these cards was verified by the committee's representatives, by inspection of the work, and by a personal interview with each employee. Amplification of the information shown on the cards was made wherever found necessary.

Classifying and Grading.

After the service cards had been filled out and verified, each card was considered carefully in the light of the information contained thereon and the notes made by the interviewers. By the use of symbols the classification and grade of service as determined was marked upon each card. In each case consideration of persons was eliminated *as far as possible* and the marking made in accordance with the work performed, regardless of the individual.

After so marking each card the heads of the various bureaus and divisions reviewed each one and either approved or disapproved the markings. In each case of disapproval the head of the division or bureau suggested an alternative grading. These cases were comparatively few, however, and were again considered with the result that in the majority of instances the alternative gradings were adopted.

Review by Departmental Secretary.

After these processes had been completed the departmental Secretary and the investigators had several meetings at which approximately 200 of the cards were examined by the Secretary, and the gradings passed upon by him. The gradings on the remaining cards were tentatively accepted by the Secretary and the Chief Auditor of Accounts, with the understanding that all of the cards were to be tabulated as marked, after which further consideration would be given to the gradings.

Tabulation.

Detailed and summary tabulations were prepared to show the following information:

1. For each bureau and division:

The number of employees in each class and grade (as marked) arranged according to present annual rate of salary.

2. For each class of service:

The number of employees in each grade (as marked) according to bureau or division, and present annual rate of salary.

3. For the entire department:

The number of employees in each class and grade (as marked) arranged according to present annual rate of salary.

A copy of this latter tabulation is attached hereto (Exhibit B). The results obtained from a study of these tabulations prove conclusively the necessity for standardization. Of a total of 618 employees classified in the clerical service, the tabulations disclosed that 45 were receiving less salary than the work performed warranted, while 231 were receiving excessive salaries for their services. A more detailed statement of these results will be found on page 5 of this report.

Salary Ratings.

Steps have been taken to secure from representative professional, commercial and industrial organizations the rates of compensation paid outside of the Civil Service for the various classes and grades of service herein referred to. The Comptroller has sent letters to several engineering societies and journals requesting their co-operation and aid in establishing salary ratings for the city engineering service. Likewise the Borough President of Manhattan has addressed commercial and industrial organizations respecting the rates of salaries paid for different grades of clerical and similar classes of service.

So far very little specific information has been forthcoming, but offers of assistance have been numerous and will be taken advantage of as rapidly as time will permit.

A tentative schedule of ratings for the various grades of clerical service has been prepared, based upon an appraisal of the work performed within each grade. This schedule is submitted herewith (Exhibit "C") as a basis for criticising rates of salaries now paid for clerical service in the Department of Finance as reflected in the tabulatons attached hereto. It will be noted that within each grade several ratings have been provided so as to permit deserved increases to be made by the administrative officer without necessitating changing the grades of individuals.

It is thought that properly designed service and efficiency records would be an adequate basis for determining such promotions. Any plan of salary increases, therefore, should be predicated upon such records.

Effect of New Gradings and Ratings Upon the Clerical Service.

The following statement has been prepared from the tabulations of the clerical service—Department of Finance—and shows the increases and decreases necessary to be made from present salary ratings, if adequate compensation were paid in accordance with the new ratings for the clerical services performed.

	Promotions.		Demotions.	
	No.	Amount.	No.	Amount.
Grade 1	....	.....	1	$810 00
Grade 2	20	$2,880 00	45	14,800 00
Grade 3	3	600 00	118	30,030 00
Grade 4	4	1,200 00	40	11,800 00
Grade 5	14	2,430 00	18	10,010 00
Grade 6	4	720 00	9	3,360 00
Grade 7	....	.....	....	.....
Totals	45	$7,830 00	231	$70,810 00

Extension of the Work.

The results obtained from these tests have convinced your committee that a logical basis for a comprehensive study is now available. It has, therefore, organized a sub-committee to assume active charge of supervising the field work necessary to be undertaken throughout the city service. This sub-committee consists of the following representatives of your committee:

1. For the Comptroller (Mr. Tirrell).
2. For the President of the Borough of Manhattan (Mr. Arnstein).
3. For the President of the Borough of Brooklyn (Mr. Powers).

and a fourth member representing the Civil Service Commission (Mr. Spencer).

To co-operate with the committee the Corporation Counsel has appointed one his assistants (Mr. Benedict), who has had charge of Civil Service matters for the aw Department for a number of years, and who will be of valuable assistance to 'e committee in advising it on all legal questions which may arise during the progress the work. The Bureau of Municipal Research has been invited to continue its o-operation in the work.

Plans of Sub-committee.

Several meetings of the sub-committee have been held since its organization on September 24, 1912. The securing of the necessary field force to perform the work was one of the first matters considered. In this connection the committee has practically secured the services of Mr. J. L. Jacobs, an efficiency expert of the Chicago Civil Service Commission. He is anxious to take up the work and the committee will make the appointment directly definite arrangements are made. Mr. Jacobs has devoted several years to working out standards of service and grades for the City of Chicago. The results of his work are now being made effective in that city. It is planned to give him active charge of the organization of the field staff and the compilation of the data secured. He will also assist the committee in amplifying and adjusting the tentative definitions of the various classes and grades of service performed for the City of New York used in the tests made in the Departments of Finance, Water Supply, Gas and Electricity, and the Borough President of Manhattan.

An analysis and digest of the Civil Service laws and the rules of the Civil Service Commission are now being prepared for use in this work.

Mr. Jacobs has agreed to commence work the first week in November, this year, and judging from his extensive experience in Chicago the committee is convinced that it will be able to present a final report by July 1, 1913, covering all city departments except the uniformed forces of the Departments of Police, Fire and Street Cleaning and the teaching staff of the Department of Education. To these latter the principles of salary standardization have already been applied to a considerable extent.

In order that definite results may be made available at the earliest possible date, it is intended to standardize by classes of service units rather than by departmental or organization units. To this end the "clerical service," representing as it does a very large part of the whole city service, will probably be studied first, and it is expected that definite results of the study of this class will be ready for submission by January 1 or February 1, 1913.

EXHIBIT "A."

Administrative Service.

Grade I. Positions (not included in the medical and engineering service) the duties of which are administrative, involving responsibility for an entire department or division thereof, under the head of such department: $2,400, $3,000, $3,600, $4,200, $4,800, $6,000, $7,200.

Grade II. Positions the duties of which are administrative, involving direct responsibility for an entire department: $6,000 and above.

Clerical Service.

Positions of persons rendering clerical service or service in connection with general office work, or management which does not require knowledge of any of the specialties included in other classes.

Grade I. Positions the duties of which are of general routine.

Grade II. Positions the duties of which require some skill and accuracy, but not necessarily much practical experience, involving simple office routine.

Grade III. Positions the duties of which require considerable skill and accuracy and some experience and responsibility, but involve only routine work:

Grade IV. Positions the duties of which require training, experience and ability, involving fixed responsibility, which may or may not be supervisory.

Grade V. Positions the duties of which involve independent judgment and responsibility for the work of others. Also positions requiring some specialized knowledge, experience and ability which may or may not be supervisory.

Grade VI. Positions the duties of which require special knowledge and involve independent judgment and responsibility for all the work of a clerical section or minor division of a department. Also positions the duties of which require a higher order of specialized knowledge, experience and ability, which may or may not be supervisory.

Grade VII. Positions the duties of which require special executive qualifications and involve responsibility for the clerical work of an entire department, under the direction of the head thereof, or for the work of a division or minor bureau of such department.

Inspection and Investigation Service.

A. Positions the duties of which relate to inspection (whether of work, materials or conditions), but which do not require professional knowledge.

B. Positions the duties of which involve the investigation of and report upon the claims presented to the City for damage to property or injury to persons. Also positions the duties of which involve investigation for executive officials or bodies of the City government, of requests for appropriations or transfers of funds; methods of administration; matters relating to proposed extensions of the City's activities and the acquisition of property.

Grade I. Positions the duties of which involve the observation of and report upon conditions and which require skill and experience, but no specialized knowledge. Also positions of assistants or helpers on inspection work of Grade II and Grade III-A.

Grade II. Positions the duties of which involve the exercise of independent judgment in passing upon the quality of materials, workmanship or special conditions.

Grade III-A. Positions the duties of which involve the exercise of independent judgment in the inspection and supervision of operations, activities or conditions requiring a technical knowledge of the principles of design and constructon underlying the same, as well as training, skill and experience. Also positions requiring an expert knowledge as to grades of flour, forage and lumber. Also positions the duties of which are supervisory, involving responsibility for the work of inspectors in Grades I and II.

Grade III-B. Positions the duties of which involve the investigation of and report upon claims presented to the City for damage to property or injury to persons.

Grade IV-A. Positions the duties of which involve responsibility for the work of Inspectors in grades I, II and III-A. Also positions requiring the highest order of expert knowledge.

Grade IV-B. Positions the duties of which involve investigating of and reporting upon requests for appropriations or transfers of funds; methods of administration; matters relating to proposed extensions of the City's activities and the acquisition of property, but which require supervision.

Grave V. Positions the duties of which involve work described in Grade IV-B, but which require independent judgment and responsibility and may or may not be supervisory.

Professional Engineering Service.

Positions the duties of which require training and ability in civil, mechanical, electrical or chemical engineering, archtecture or related technical work.

Grade I. Positions the duties of which require some skill and accuracy and a general training, but not necessarily much technical knowledge.

Grade II. Positions the duties of which require some technical training, experience and ability, involving minor responsibility, and may or may not be supervisory.

Grade III. Positions the duties of which are supervisory and require extended technical training, experience and ability, involving independent judgment and responsibility for a definite part of an engineering work. Also positions requiring special technical knowledge, but not necessarily supervisory, or positions requiring similar qualifications, but which involve responsibility for passing upon minor engineering problems and plans advanced by others.

Grade IV. Positions the duties of which are of an administrative nature, involving responsibility for the work of a bureau, or division of a department requiring expert techncal knowledge and experience and a high order of executive ability; also positions the duties of which require a high order of special technical knowledge involving responsibility for passing upon important engineering problems and plans advanced by others.

Grade V. Positions the duties of which are of an advisory nature and require a high order of professional ability and broad engineering knowledge.

Supervising Service.

Positions the duties of which are chiefly supervisory, involving accountability for the maintenance of public property, for the work of public employees or for the custody of public charges, but which do not require knowledge of any of the specialties included in other classes.

Grade I. Positions the duties of which include the care of public property or public charges, involving a fixed responsibility, but not necessarily exercise of independent judgment.

Grade II. Positions the duties of which involve responsibility for the work of persons in Grade I positions, or for the care or custody of public property or public charges, and requiring the exercise of independent judgment. Also the positions of principal assistant to persons in Grade III positions.

Grade III. Positions the duties of which involve responsibility for the work of persons in Grades I and II, or in a specialized division of labor, or for the care and custody of public buildings.

Medical Service.

Positions the duties of which require training and ability in the medical profession or some branch thereof.

Grade I. Positions the duties of which require some skill and a general training, but not necessarily much practical experience.

Grade II. Positions the duties of which require training, experience and ability, involving fixed responsibility, but are not supervisory.

Grade III. Positions the duties of which involve independent judgment and

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responsibility for the work of others. Also positions the duties of which require a high order of specialized knowledge, but are not necessarily supervisory.

Grade IV. Positions the duties of which require expert knowledge and involve independent judgment and responsibility for the whole or part of a principal branch of a department. Also positions the duties of which require a high order of specialized knowledge and professional ability, but are not necessarily supervisory.

Grade V. Positions the duties of which are administrative, involving responsibility for the work of the entire department, bureau or division thereof, under the direction of the head of such department.

Skilled Labor Service.

Positions requiring knowledge of a trade, craft or useful art, or requiring special manual or mechanical skill, or involving the supervision of skilled or unskilled laborers, and which are not included in other classes.

Grade I. Positions the duties of which require ability in a trade, craft or useful art, but not necessarily involving the exercise of independent judgment.

Grade II. Positions the duties of which require the exercise of independent judgment in the practice or pursuit of a trade, craft or useful art, requiring special manual or mechanical skill, and not regularly involving the supervision of work of more than one helper or assistant. Also positions the duties of which are supervisory, involving accountability for the work of a gang or a crew of unskilled laborers, or an assistant to the person in Grade III position.

Grade III. Positions the duties of which require special qualifications and involve responsibility for the work of one or more gangs or crews of skilled or unskilled laborers, or for the work of an entire division. Also positions the duties of which require a high order of specialized knowledge and ability in a trade, craft or useful art, but not necessarily supervisory.

EXHIBIT "B."

DEPARTMENT OF FINANCE.

Summary Showing the Number of Employees Holding Positions April 1, 1912, Arranged According to the Annual Rate of Salary Paid, and Classified According to Duties Performed by the Grade and Class of Service Rendered, as Established by the Standardization Committee.

Grades.	$300	$480	$540	$600	$720	$750	$900	$1,050	$1,200	$1,350	$1,500	$1,650	$1,800	$1,950	$2,000	$2,100	$2,250	$2,400	$2,500	$2,300	$2,550
Clerical, "C—1"	13	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Clerical, "C—2"	5	8	7	16	..	37	17	14	13	7	9	1	..	..	..	1	..	..	..	..	..
Clerical, "C—3"	..	..	..	1	..	2	13	41	59	50	36	15	7	7	..	2	..	1	..	..	..
Clerical, "C—4"	..	..	..	..	..	1	1	3	7	14	14	22	13	7	1	10	4	2	2	..	1
Clerical, "C—5"	..	..	..	..	..	..	..	..	1	3	10	5	10	5	..	24	5	3	11	..	1
Clerical, "C—6"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	3	..	..
Clerical, "C—7"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	18	9	8	17	..	40	31	58	80	75	69	43	30	19	1	41	9	6	16	..	2
Inspection, "H—1"	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Inspection, "H—2"	..	..	..	..	..	..	..	..	9	3	16	1	1	..	..	..	..	..	..	..	1
Inspection, "H—3A"	..	..	..	..	..	..	..	..	5	1	4	1	2	..	..	1	..	..	..	..	..
Inspection, "H—3B"	..	..	..	..	..	..	..	..	3	1	8	4	4	..	..	4	..	..	..	..	..
Inspection, "H—4A"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Inspection, "H—4B"	..	..	..	..	..	..	..	..	..	..	1	1	1	..	..	3	1	..	3	1	..
Inspection, "H—V"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Totals	..	..	..	..	..	..	..	..	17	5	29	7	9	..	..	8	1	..	3	1	2
Engineering, "B—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Engineering, "B—2"	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	1	..	..	..	..	..
Engineering, "B—3"	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	1	..	..	..
Engineering, "B—4"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
Engineering, "B—5"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	2	..	2	..	..	4	..	2	..	..	..
Skilled Labor, "K—1"	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..
Skilled Labor, "K—2"	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Skilled Labor, "K—3"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..	..
Labor, "L—A"	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Labor, "L—B"	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Supervisory, "I—1"	..	..	..	..	..	..	3	5	..	..	..	..	..	..	..	..	..	..	..	..	..
Supervisory, "I—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Supervisory, "I—3"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	3	5	..	..	..	..	..	..	..	..	..	..	..	..	..
Medical, "A—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Medical, "A—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Medical, "A—3"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
Medical, "A—4"	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Medical, "A—5"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..
Administrative "I"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Administrative, "II"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Administrative, "III"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand totals	18	9	9	17	..	40	36	63	101	81	100	50	42	19	1	53	10	8	20	1	4

Grades.	$2,650	$2,700	$2,800	$2,850	$3,000	$3,500	$3,600	$3,750	$4,000	$4,500	$5,000	$6,000	$7,200	$7,500	$15,000	Total Employees.	Total Salaries Paid.
Clerical, "C—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	$6,270 00
Clerical, "C—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	135	118,770 00
Clerical, "C—3"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	234	306,750 00
Clerical, "C—4"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	102	170,800 00
Clerical, "C—5"	1	..	1	..	11	4	..	..	1	..	..	..	..	..	..	96	211,600 00
Clerical, "C—6"	..	..	1	..	4	3	..	2	7	..	1	1	..	..	..	26	87,700 00
Clerical, "C—7"	..	..	..	..	..	..	..	..	3	1	1	4	..	..	..	9	45,500 00
Totals	1	..	2	..	15	7	..	2	11	1	2	5	..	..	..	618	
Inspection, "H—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1,800 00
Inspection, "H—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	44,850 00
Inspection, "H—3A"	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	15	23,700 00
Inspection, "H—3B"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	39,150 00
Inspection, "H—4A"	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	5,000 00
Inspection, "H—4B"	..	..	..	1	2	1	..	..	2	..	..	..	..	..	..	17	43,650 00
Inspection, "H—V"	..	..	..	..	1	2	..	..	2	..	..	..	..	..	..	6	20,550 00
Totals	..	..	..	1	4	3	..	..	4	..	1	..	..	..	..	95	
Engineering, "B—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Engineering, "B—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	5,100 00
Engineering, "B—3"	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	6	13,200 00
Engineering, "B—4"	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	3	8,100 00
Engineering, "B—5"	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	2	9,600 00
Totals	..	..	..	..	1	..	2	..	..	..	..	1	..	..	..	14	
Skilled Labor, "K—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4,800 00
Skilled Labor, "K—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1,350 00
Skilled Labor, "K—3"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	
Labor, "L—A"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	540 00
Labor, "L—B"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1,800 00
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	

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Grades.	$2,650	$2,700	$2,800	$2,850	$3,000	$3,500	$3,600	$3,750	$4,000	$4,500	$5,000	$6,000	$7,200	$7,500	$15,000	Total Employees.	Total Salaries Paid.
Supervisory, "I—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	7,950 00
Supervisory, "I—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Supervisory, "I—3"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	
Medical, "A—1"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Medical, "A—2"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Medical, "A—3"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2,500 00
Medical, "A—4"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1,800 00
Medical, "A—5"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	
Administrative, "I"	..	..	..	..	..	..	..	..	..	..	..	4	..	2	..	6	39,000 00
Administrative, "II"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.....
Administrative, "III"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	15,000 00
Totals	..	..	..	..	..	..	..	..	..	..	..	4	..	2	1	7	
Grand totals	1	..	2	1	20	10	2	2	15	1	3	10	..	2	1	752	

EXHIBIT "C."

Tentative Salary Ratings for Clerical Service.

	Rate.	Rate Overlap Between Grades.	Rate Variation Maximum.	Within Grade Standard.
Grade 1	$360 00	.....	.....	.....
Grade 1	420 00	.....	.....	.....
Grade 1	480 00	.....	.....	.....
Grade 1	540 00	.....	$180 00	$60 00
Grade 2	600 00	.....	.....	.....
Grade 2	720 00	.....	.....	.....
Grade 2	840 00	.....	.....	.....
Grade 2	960 00	$60 00	360 00	60 00
Grade 3	900 00	.....	.....	.....
Grade 3	1,020 00	.....	.....	.....
Grade 3	1,140 00	.....	.....	.....
Grade 3	1,260 00	60 00	360 00	120 00
Grade 4	1,200 00	.....	.....	.....
Grade 4	1,380 00	.....	.....	.....
Grade 4	1,560 00	.....	.....	.....
Grade 4	1,740 00	120 00	540 00	160 00
Grade 5	1,620 00	.....	.....	.....
Grade 5	1,860 00	.....	.....	.....
Grade 5	2,100 00	.....	.....	.....
Grade 5	2,340 00	.....	.....	.....
Grade 5	2,580 00	300 00	960 00	240 00
Grade 6	2,280 00	.....	.....	.....
Grade 6	2,700 00	.....	.....	.....
Grade 6	3,120 00	.....	.....	.....
Grade 6	3,540 00	.....	.....	.....
Grade 6	3,960 00	360 00	1,690 00	420 00
Grade 7	3,600 00	.....	.....	.....
Grade 7	4,200 00	.....	.....	.....
Grade 7	4,800 00	.....	.....	.....
Grade 7	5,400 00	.....	.....	.....
Grade 7	6,000 00	.....	2,400 00	600 00

The Secretary presented the following communication from the Public Service Commission for the First District, requesting, and report of the Comptroller recommending, that the Board consent to the proposed contract to be entered into between John F. Stevens Construction Company and The City of New York, acting by the Public Service Commission for the First District, for the construction in the Borough of The Bronx of Section 1, Route 19-22, known as the Southern Boulevard and Westchester Avenue Rapid Transit Railroad, extending under East 138th street and Southern Boulevard, in The Bronx, about 100 feet south of Alexander avenue, to about 270 feet north of East 147th street, with stations at Brook avenue, Cypress avenue and St. Marys street, and further recommending that the Board authorize the issue of corporate stock in the sum of $2,253,281.75, to provide means for executing said contract:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau street, New York.

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

The Public Service Commission for the First District herewith transmits to you for your consent as required by law a proposed contract between The City of New York and Jno. F. Stevens Construction Co., for the construction at the public expense of Section No. 1 of Route No. 19 and 22, being that portion of the proposed Southern Boulevard and Westchester Avenue Rapid Transit Railroad which begins at a point under East 138th street, in the Borough of The Bronx, about one hundred (100) feet east of the east line of Alexander avenue, and extends thence under East 138th street, private property and Southern Boulevard to a point under Southern Boulevard about two hundred and seventy (270) feet north of the northeast corner of East 147th street.

The Public Service Commission for the First District further requests your honorable Board to consent to the said contract herewith transmitted and to prescribe a limit to the amount of bonds available to meet the requirements of the said contract, to wit, the sum of two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75), and also to direct the Comptroller of The City of New York to issue the bonds of said City at such a rate of interest as the Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means for construction at the public expense of the said portion of such railroad.

And the Public Service Commission for the First District does hereby, pursuant to section 45 of the Greater New York Charter, make request for the authorization of such corporate stock for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit, the sum of two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75).

In witness whereof the Public Service Commission for the First District has caused its official seal to be hereto affixed and attested by its Secretary and these presents to be signed by its Chairman this 16th day of September, 1912.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

[SEAL.] by W. R. WILLCOX, Chairman.

Attest: TRAVIS H. WHITNEY, Secretary.

Resolved, That this Commission hereby accepts the proposal of the Jno. F. Stevens Construction Co., dated September 13, 1912, for the construction of Section No. 1 of Route No. 19 and 22, being that portion of the proposed Southern Boulevard and Westchester Avenue Rapid Transit Railroad which begins at a point under East 138th street, in the Borough of The Bronx, about one hundred (100) feet east of the east line of Alexander avenue and extends thence under East 138th street, private property and Southern boulevard to a point under Southern boulevard about two hundred and seventy (270) feet north of the northeast corner of East 147th street, the aggregate of the unit prices in the proposal amounting to two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75).

Resolved, That the Chairman and the Secretary be and they hereby are authorized on behalf of the Commission to execute a contract in the form attached to the said proposal and to deliver the same if and when consented to by the Board of Estimate and Apportionment and upon compliance by the said Jno. F. Stevens Construction Co. with the requirements of the invitation to bidders attached to the said proposal.

Resolved, That the Chairman and the Secretary be and they hereby are authorized and directed to request the Board of Estimate and Apportionment to consent to the said contract and to prescribe a limit to the amount of bonds available to meet the requirements of the said contract, to wit, the sum of two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75), and also to request the said Board of Estimate and Apportionment to direct the Comptroller of The City of New York to issue the bonds of said City at such a rate of interest as the Board of Commissioners of the Sinking Fund of said City may prescribe for the purpose of providing the necessary means for construction at the public expense of the said portion of such railroad and also to make request for the authorization of bonds for the full amount sufficient to pay the entire estimated expense of executing such contract, to wit, the sum of two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75).

Resolved, That the Secretary give notice to the said Jno. F. Stevens Construction Co. that its proposal has been accepted and the contract awarded to it by this Commission, subject to its being consented to by the Board of Estimate and Apportionment, as required by law.

Resolved, That it be referred to Counsel to the Commission to inquire into the sufficiency of the sureties and securities proposed to be given by the said Jno. F. Stevens Construction Co. and in behalf of the Commission to do any such act as may be necessary and incidental to the furnishing of proper securities.

State of New York, County of New York, ss.:

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify that I have compared the above with the original adopted by said Commission on September 16, 1912, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission this 16th day of September, 1912.

[SEAL.] TRAVIS H. WHITNEY, Secretary.

Public Service Commission for the First District—Invitation to Contractors and Forms of Contract, Bond and Contractor's Proposal for Construction of a Part of the Southern Boulevard and Westchester Avenue Rapid Transit Railroad, Route No. 19 and 22; Section No. 1.

Form finally adopted by the Commission August 14, 1912, and approved as to form by the Corporation Counsel and filed on Commencement of Advertisement of Invitation to Contractors.

INVITATION TO CONTRACTORS

PART OF ROUTE No. 19 & 22.

The City of New York, acting by the Public Service Commission for the First District (hereinafter called "the Commission"), invites proposals to construction Section No. 1 of the Southern Boulevard and Westchester Avenue Rapid Transit Railroad.

The points within the City between which the said part is to run and the route or routes to be followed are briefly as follows:

SECTION No. 1. Beginning at a point under East 138th Street in the Borough of The Bronx about one hundred (100) feet east of the east line of Alexander Avenue and extending thence under East 138th Street, private property, and Southern Boulevard to a point under Southern Boulevard about two hundred and seventy (270) feet north of the northeast corner of East 147th Street; with stations at Brook Avenue, Cypress Avenue and St. Mary's Street.

The general plan of construction calls for a subsurface railroad having three tracks. The details of the construction of the railroad and appurtenances are more particularly indicated on the contract drawings.

Bidders will not be required to provide or lay tracks, ties or ballast, nor to do station finish work.

The work of construction under the contract will include the construction of all necessary sewers and connections along the route of the railroad; also the necessary support, maintenance, readjustment and reconstruction of vaults adjacent to buildings, pipes, tubes, conduits, subways or other subsurface structures; the support and care, including underpinning where necessary, of all buildings, monuments, surface, subsurface and elevated railroads and other structures, etc., affected by or interfered with during the construction of the work; also the restoration of the sidewalks and the temporary paving and maintenance of roadways.

The method of construction, unless otherwise permitted by the Commission, will be partly by trench excavation under cover and partly by trench excavation without cover as set forth in the form of contract.

Bidders must examine the form of contract and the specifications, maps and plans; must visit the location of the work and inform themselves of the present conditions along the line thereof and make their own estimates of the facilities and difficulties attending the execution of the proposed work.

A fuller description of the work to be done is set forth, and other requirements, provisions, details and specifications are stated, in the printed form of contract and in the contract drawings therein referred to. Printed copies of the form of contract, bond and contractor's proposal may be had on application at the office of the Commission, No. 154 Nassau Street, Borough of Manhattan, City of New York. The contract drawings may be inspected at the same office, and copies thereof may be purchased by prospective bidders on payment of five dollars ($5.00). The printed form of contract and the contract drawings are to be deemed a part of this invitation.

Partial payments to the Contractor will be made monthly as the work proceeds as provided in the form of contract.

The Contractor will be required to complete the work as soon as practicable and within a period of forty (40) months after the delivery of the contract.

Sealed bids or proposals will be received at the office of the Commission at No. 154 Nassau Street, Borough of Manhattan, City of New York, until the 13th day of September, 1912, at twelve (12) o'clock noon, at which time, or at a later date to be fixed by the Commission, the proposals will be publicly opened.

Proposals must be in the form prescribed by the Commission, copies of which may be obtained at the office of the Commission.

A statement based upon estimate of the Engineer of the quantities of the various classes of the work and of the nature and extent as near as practicable of the work required is to be found in the schedule forming a part of the form of Contractor's Proposal. The quantities given in such schedule are approximate only, being given as a basis for the uniform comparison of bids and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed

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"Proposal for Constructing Part of Rapid Transit Railroad—Route No. 19 and 22, Section No. 1," and must be delivered to the Commission or its Secretary; and in the presence of the person submitting the proposal, it will be deposited in a sealed box in which all proposals will be deposited. No proposal will be received or deposited unless accompanied by a separate certified check drawn upon a national or state bank or trust company having its principal office in the City of New York, satisfactory to the Commission and payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). Such check must not be enclosed in the envelope containing the proposal.

The Unit Prices must not be improperly balanced, and any bid which the Commission considers detrimental to the City's interests may be rejected.

No proposal, after it shall have been deposited with the Commission, will be allowed to be withdrawn for any reason whatever.

The award of the contract will be made by the Commission as soon as practicable after the opening of the proposals.

Bidders whose proposals are otherwise satisfactory, in case the sureties or securities named by them are not approved by the Commission, may substitute in their proposals the names of other sureties or securities approved by the Commission, but such substitution must be made within five days after notice of disapproval, unless such period is extended by the Commission.

A bidder whose proposal shall be accepted shall, in person or by duly authorized representative, attend at the said office of the Commission within ten days after the delivery of a notice by the Commission that his proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and such bidder shall then deliver a contract in the form referred to, duly executed and with its execution duly proved.

At the time of the delivery of the contract, the Contractor will be required to furnish security to the City by giving a bond for seventy-five thousand ($75,000) dollars. At the option of the successful bidder cash or approved securities may be deposited instead of giving a bond. If securities are deposited in place of a bond under this contract, they must be of the character of securities in which Savings Banks may invest their funds and must be approved by the Commission.

The Contractor's bond must be in the form annexed to the form of contract.

In addition and as further security fifteen (15%) per centum of the amounts certified from time to time to be due to the Contractor will be deducted until the amounts so deducted and retained shall equal the sum of three hundred thousand ($300,000) dollars. Thereafter there shall be so deducted and retained for such purpose ten (10%) per centum of the amounts certified from time to time to be due to the Contractor. The Contractor may from time to time withdraw portions of the amounts so retained upon depositing in lieu thereof corporate stock of The City of New York equal in market value to the amount so withdrawn.

In case of failure or neglect to execute and deliver the contract or to execute and deliver the required bond or to make the required deposit, such bidder will, at the option of the Commission, be deemed either to have made the contract or to have abandoned the contract. In the latter case, the Commission will give notice thereof to such defaulting bidder, and the Commission may thereupon proceed to make another contract with such, if any, of the original bidders as, in the opinion of the Commission, it will be to the best interests of the City to contract with, or may by new advertisement invite further proposals. The defaulting bidder shall thereupon be liable to the City for all loss and damage by it sustained, including the excess, if any, of the amount it shall pay any other Contractor over the amount of the bid of such defaulting bidder.

If the Commission shall give notice to any bidder that his or its proposal is accepted and that the contract is consented to by the Board of Estimate and Apportionment, and if the bidder shall fail within ten days thereafter or within such further period, if any, as may be prescribed by the Commission, to execute and deliver the contract and to execute and deliver the bond with sureties, or to make the required deposit, then the Invitation to Contractors and proposal accepted as aforesaid shall be a contract binding the bidder to pay to the City the damage by it sustained by reason of such failure, and in such case the bidder shall, by the terms of the proposal, absolutely assign to the City the ownership of the check accompanying his or its proposal as a payment on account of such damages.

All such deposits made by bidders whose proposals shall not be accepted by the Commission will be returned to the person or persons making the same within five days after the contract shall be executed and delivered. The deposit of the successful bidder will be returned when the contract is executed and its provisions in respect of the bond or deposit are complied with.

The right to reject any and all bids is reserved.

New York, August 14, 1912.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By WILLIAM R. WILLCOX, Chairman.

TRAVIS H. WHITNEY, Secretary.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

CONTRACT FOR THE CONSTRUCTION OF A PART OF A RAPID TRANSIT RAILROAD, ROUTE NO. 19 AND 22, SECTION NO. 1.

APPROVED AS TO FORM THIS 14TH DAY OF AUGUST, 1912.
JOHN L. O'BRIEN, Acting Corporation Counsel.

RAPID TRANSIT RAILROAD.

CONTRACT.

Route No. 19 and 22, Section No. 1.

Agreement made this day of , 1912, between The City of New York, hereinafter called the City, acting by the Public Service Commission for the First District, hereinafter called the Commission, party of the first part, and Jno. F. Stevens Construction Co., hereinafter called the Contractor, party of the second part.

Whereas, The Commission in behalf of the City by due advertisement, pursuant to law, has invited contractors to submit to the Commission proposals for making this contract; and

Whereas, The Contractor has thereupon duly submitted to the Commission a proposal, which has been accepted; and

Whereas, The Board of Estimate and Apportionment of The City of New York has consented to this contract;

Now, therefore, in consideration of the mutual covenants and agreements hereinafter contained, and under the authority of chapter 4 of the laws of 1891, entitled, "An Act to provide for Rapid Transit Railways in Cities of over One Million Inhabitants," and of the various acts amending the same, the parties do hereby, the City for itself and its successors and the Contractor for itself, its executors and assigns, agree each with the other as follows:

I.

GENERAL PROVISIONS AND DEFINITIONS.

Outline of Contract.

Article I. The Contractor agrees to construct the part hereinafter described of a Rapid Transit Railroad, with its appurtenances. The City agrees to pay to the Contractor the sums of money hereinafter mentioned at the times and in the manner and upon the terms and conditions hereinafter set forth.

Brief Description of Works.

Article II. The Railroad to be constructed under this contract forms a part of a certain route adopted by the Board of Rapid Transit Railroad Commissioners for The City of New York on May 17, 1906, and also a part of a certain route adopted by the Commission on August 6, 1909, and modified on June 7, 1912, and which together are known as Route No. 19 and 22. The part to be constructed under this contract consists of

Section No. 1.

Alexander Avenue and East 138th Street to East 147th Street and Southern Boulevard.

Beginning at a point under East 138th Street in the Borough of The Bronx about one hundred (100) feet east of the east line of Alexander Avenue and extending thence under East 138th Street, private property, and Southern Boulevard to a point under Southern Boulevard about two hundred and seventy (270) feet north of the northeast corner of East 147th Street; with stations at Brook Avenue, Cypress Avenue and St. Mary's Street.

The precise location of the tracks, and the dimensions and other characteristics of the Railroad are more fully stated in the specifications forming a part of this contract, and in the detailed drawings and plans hereinafter mentioned.

Statutes Incorporated Herein.

Article III. This contract is made pursuant to the Rapid Transit Act, which is to be deemed a part hereof as if it were incorporated herein.

Marginal Notes, etc.

Article IV. Titles, headings, running headlines and marginal notes are printed hereon merely for convenience, and shall not be deemed to be any part of this contract for any purpose whatever.

Definitions of Words.

Article V. The following words and expressions used in this contract shall, except where by the context it is clear that another meaning is intended, be construed as follows:

"City."

(1) The word "City" to mean The City of New York, and any other corporation or division of government to which the ownership, rights, powers and privileges of The City of New York under the Rapid Transit Act, shall hereafter come, belong or appertain.

"Commission."

(2) The word "Commission" to mean the Public Service Commission for the First District, and any other board, body, commission, official or officials, to which or to whom the powers now belonging to the said Commission in respect of the location, construction, equipment, maintenance and operation of Rapid Transit Railroads under the provisions of the Rapid Transit Act shall, by virtue of any act or acts, hereafter pass or be held to appertain.

"Contractor."

(3) The word "Contractor" to mean the party of the second part to this contract, and its successors and assigns, and any and every person or corporation who or which shall at any time be liable in the place or for the party of the second part to perform any obligations under this contract assumed by the said part of the second part. For convenience the Contractor is hereinafter referred to as if the Contractor were an individual. The word "he" shall, as the sense may require, include "it," "she" and "they"; the word "him" shall include "her," "it" and "them"; and the word "his" shall include "its," "her" and "their."

"Comptroller"

(4) The word "Comptroller" to mean the Comptroller of The City of New York, and the officer or board to whom or to which his powers now existing under the Rapid Transit Act shall come to appertain.

"Engineer."

(5) The word "Engineer" to mean the Chief Engineer of the Commission or his duly authorized representative and any successor or successors duly appointed or any deputy or substitute for him who shall be appointed by the Commission or by its authority.

"Rapid Transit Act."

(6) The words "Rapid Transit Act" to mean chapter 4 of the laws of 1891 as amended by chapters 102 and 556 of the laws of 1892, chapters 528 and 752 of the laws of 1894, chapter 519 of the laws of 1895, chapter 729 of the laws of 1896, chapter 616 of the laws of 1900, chapter 587 of the laws of 1901, chapters 533, 542, 544 and 584 of the laws of 1902, chapters 562 and 564 of the laws of 1904, chapters 599 and 631 of the laws of 1905, chapters 472, 606 and 607 of the laws of 1906, chapter 429 of the laws of 1907, chapter 498 of the laws of 1909, chapters 205, 504, 505 and 506 of the laws of 1910, and chapter 888 of the laws of 1911, and chapter 226 of the laws of 1912, or as heretofore otherwise amended.

"Railroad."

(7) The word "Railroad" to mean the part which the Contractor agrees by this contract to build, together with all appurtenances thereto which are to be constructed or provided by the Contractor.

"The Works."

(8) The words "the Works" to mean all of the matters and things herein agreed to be furnished or done by or on the part of the Contractor.

"New York."

(9) The words "New York" to mean The City of New York according to its boundaries at the date of this contract.

"Daily Newspaper."

(10) The words "daily newspaper" to mean any paper regularly published in New York on every day or every day except Sundays and holidays.

"Notice;" "Direction."

(11) The word "notice" to mean a written notice. The word "direction" to mean a written direction.

Wherever in the specifications or upon the drawings the words "directed," "required," "permitted," "ordered," "designated," "prescribed" or words of like import are used, it shall be understood that the direction, requirement, permission, order, designation or prescription of the Engineer is intended, and similarly the words "approved," "acceptable," "satisfactory" or words of like import shall mean approved by or acceptable or satisfactory to the Engineer.

Legal Address of Contractor; Address May be Changed.

Article VI. The address given in the bid or proposal, upon which this contract is founded, is hereby designated as the place where all notices, directions and other communications to the Contractor shall be certified, mailed or delivered. The delivering at the above-named place or depositing in a post-paid wrapper directed to the above place, in any post-office box regularly maintained by the Post-office Department, of any notice, letter or other communication to the Contractor, shall be deemed sufficient service thereof upon the Contractor. Such address may be changed at any time by an instrument in writing executed and acknowledged by the Contractor and delivered to the Commission. Nothing herein contained shall be deemed to preclude or render inoperative the service of any notice, direction or other communication upon the Contractor personally.

Contractor Responsible for Acts of Sub-Contractor's Employees.

Article VII. If the Contractor shall cause any part of this contract to be performed by a sub-contractor, the provisions of this contract shall apply to such sub-contractor and his officers, agents and employees in all respects, as if he and they were employees of the Contractor; and the Contractor shall not be in any manner thereby discharged from his obligations and liabilities hereunder, but shall be liable hereunder for all acts and negligence of the sub-contractor, his officers, agents and employees as if they were employees of the Contractor. The employees of the sub-contractor shall be subject to the same provisions hereof as employees of the Contractor; and the work or materials furnished by the sub-contractor shall be subject to the provisions hereof, as if furnished directly by the Contractor.

Commission May Disapprove Sub-Contractors.

Article VIII. The Contractor, before making any sub-contract of the work, shall state in writing to the Commission the name of the proposed sub-contractor, the portion of the work which such sub-contractor is to do or the materials which such sub-contractor is to furnish, the place of business of such sub-contractor and such other information as the Commission may require. The Commission shall have the right to require the Contractor not to award any sub-contract to a person, firm or corporation disapproved of by the Commission.

II.

WORK TO BE DONE. PRICES, ETC.

Work to be Done.

Article IX. The Contractor shall do all the work and furnish all the materials, plant, tools and appliances necessary or proper for performing and completing the work of constructing the Railroad in the manner and within the time hereinafter specified. He shall complete the Railroad and do all work and furnish all labor and materials in and about the construction of the Railroad to the satisfaction of the Commission and in accordance with this contract and the specifications and drawings herein mentioned at the prices herein agreed upon and fixed therefor; provided, however, that said contract drawings may from time to time be altered or modified as hereinafter provided.

Construction Includes Incidental Work.

Article X. In order to construct the Railroad it will be necessary to take up and relay the sidewalk pavement or other surface material, and to lay and maintain a temporary pavement in the roadways, to protect, support and maintain during construction all buildings and other structures, including their foundations, and all surface, subsurface and elevated railroads, water mains, gas pipes, electric subways, poles and wires, vaults, including vaults of abutting property, and other surface, subsurface and

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overhead structures, together with their necessary connections, as the same may be met with along the route; to build sewers, both along the route and other streets; to make or remake the necessary manholes, catch basins and other sewer connections therewith; to move, alter, readjust or rebuild water mains, gas pipes, electric subways, vaults, including vaults of abutting property, and other subsurface structures, together with their necessary connections; and to do all such additional and incidental work as may be necessary for the completion of the Railroad and the reconstruction and restoration of the street pavements or other surfaces (except as herein provided in respect of temporary pavements for roadways), adjacent to the route of the Railroad and which may have been directly or indirectly disturbed or injured by the Contractor in the progress of the work of construction, to as useful and good a condition as existed before construction shall have been begun. All such work of every description including underpinning wherever necessary, of all buildings or structures of whatsoever nature, monuments, and surface, subsurface, and elevated railroads affected by or interfered with during the construction of the Railroad, is part of the work which is included in this contract, and which the Contractor agrees to perform for the prices herein agreed upon.

Prices.

Article XI. The City will pay and the Contractor shall receive in full compensation for furnishing the necessary plant and all the materials and labor, and for performing and completing all the work which is necessary or proper to be furnished or performed in order to complete the Railroad (including all incidental work) and also for all loss or damage arising out of the nature of the work aforesaid, or from the action of the elements, or from any unforeseen obstruction or difficulty encountered in the prosecution of the work, and for all risks of any description connected with the work, and for all expenses incurred by or in consequence of the suspension or discontinuance of the work as herein specified, the following prices, to wit:

SCHEDULE OF UNIT PRICES.

Item 1. For earth excavation above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., the sum of two 20-100 dollars ($2 20-100) per cubic yard.

Item 2. For earth excavation below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., the sum of two 45-100 dollars ($2 45-100) per cubic yard.

Item 2-A. For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., the sum of two 23-100 dollars ($2 23-100) per cubic yard.

Item 3. For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., the sum of three 40-100 dollars ($3 40-100) per cubic yard.

Item 3-A. For rock excavation for sewers and pipes, including the disposal of it, etc., the sum of four 60-100 dollars ($4 60-100) per cubic yard.

Item 4. For underpinning buildings, including all incidental work and material, as follows:

(a) For buildings less than seven (7) stories in height the sum of forty-two dollars ($42) per linear front foot of building underpinned.

(b) For buildings from seven (7) to twelve (12) stories in height the sum of dollars ($) per linear front foot of building underpinned.

(c) For buildings over twelve (12) stories in height the sum of dollars ($) per linear front foot of building underpinned.

Item 6. For concrete masonry, in place, the sum of seven 50-100 dollars ($7 50-100) per cubic yard.

Item 7. For protective concrete masonry, in place, outside of waterproofing, the sum of six 95-100 dollars ($6 95-100) per cubic yard.

Item 8. For rubble stone masonry, in place, the sum of six dollars ($6.00) per cubic yard.

Item 8-A. For dry rubble masonry, in place, the sum of five dollars ($5.00) per cubic yard.

Item 9. For brick masonry, in place, the sum of twelve 60-100 dollars ($12 60-100) per cubic yard.

Item 10. For hollow terra cotta brick masonry, in place, the sum of twelve 60-100 dollars ($12 60-100) per cubic yard.

Item 11. For grout of Portland cement, the sum of two 40-100 dollars ($2 40-100) per barrel of Portland cement used.

Item 12. For timber piles, in place and prepared, the sum of seventy cents ($0 70-100) per lineal foot.

Item 13. For timber foundations, placed and fastened, the sum of seventy dollars ($70) per thousand feet, board measure.

Item 14. For broken stone or gravel, in place, other than that used in concrete, the sum of two 40-100 dollars ($2 40-100) per cubic yard.

Item 15. For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:

(a) For one-ply, the sum of thirty cents ($0 30-100) per square yard.
(b) For two-ply, the sum of fifty cents ($0 50-100) per square yard.
(c) For three-ply, the sum of seventy-five cents ($0 75-100) per square yard.
(d) For four-ply, the sum of one dollar ($1) per square yard.
(e) For five-ply, the sum of one 30-100 dollars ($1 30-100) per square yard.
(f) For six-ply, the sum of one 55-100 dollars ($1 55-100) per square yard.

Item 16. For waterproofing, brick laid in asphalt mastic, in place, the sum of twenty-five dollars ($25) per cubic yard.

Item 17. For vitrified or cast iron drain pipe, in place, as follows:

(a) For twelve (12) inch vitrified pipe, the sum of seventy-two cents ($0 72-100) per lineal foot.

(b) For ten (10) inch vitrified pipe, the sum of sixty cents ($0 60-100) per lineal foot.

(c) For eight (8) inch vitrified pipe, the sum of forty-eight cents ($0 48-100) per lineal foot.

(d) For six (6) inch vitrified pipe, the sum of forty-two cents ($0 42-100) per lineal foot.

(e) For four (4) inch vitrified pipe, the sum of thirty cents ($0 30-100) per lineal foot.

(f) For eight (8) inch cast-iron pipe, the sum of one 20-100 dollars ($1 20-100) per lineal foot.

(g) For six (6) inch cast-iron pipe, the sum of one 10-100 dollars ($1 10-100) per lineal foot.

(h) For four (4) inch cast-iron pipe, the sum of seventy-two cents ($0 72-100) per lineal foot.

(i) For ten (10) inch cast-iron pipe, the sum of dollars ($) per lineal foot.

Item 17-A. For cast iron pipe and fittings, including specials, "extra heavy," in place, the sum of

(a) For three (3) inch, the sum of dollars ($) per lineal foot.

(b) For four (4) inch, the sum of dollars ($) per lineal foot.

(c) For six (6) inch, the sum of two dollars ($2) per lineal foot.

(d) For eight (8) inch, the sum of dollars ($) per lineal foot.

Item 18. For tunnel ducts, in place, as required by Section No. 407 of the Specifications, the sum of twelve cents ($0 12-100) per duct foot.

Item 19. For riveted steel, painted and erected, the sum of seventy-eight dollars ($78) per ton of two thousand pounds.

Item 20. For steel beams and shapes with connections, painted and erected, the sum of sixty dollars ($60) per ton of two thousand pounds.

Item 21. For steel rods and bars built in concrete, the sum of sixty dollars ($60) per ton of two thousand pounds.

Item 25. For miscellaneous iron castings (other than tunnel lining) such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes, in place, the sum of fifty-six dollars ($56) per ton of two thousand pounds.

Item 26. For special wire forms, in place, the sum of nine cents ($0 09-100) per pound.

Item 27. For one and one-half (1½) inch galvanized iron pipe hand rail, in place, including expansion bolts, etc., the sum of forty-two cents ($0 42-100) per lineal foot

Item 28. For steel gratings, for ventilation, in place, including frames, etc., the sum of one 80-100 dollars ($1 80-100) per square foot.

Item 29. For vault lights in place, the sum of one 56-100 dollars ($1 56-100) per square foot.

Item 30. For street surface restored:

(a) For street surface, except roadways, the sum of one 68-100 dollars ($1 68-100) per square yard.

(c) For repavement of roadways between curb lines over off-line sewers, pipes or other subsurface structures, the sum of two 80-100 dollars ($2 80-100) per square yard.

Item 32. For wrought iron electric conduits, in place, in stations, as follows:

(a) For three-fourths (¾) inch wrought-iron conduits, the sum of thirteen cents ($0 13-100) per lineal foot.

(b) For one and one-half (1½) inch wrought-iron conduits the sum of twenty-six cents ($0 26-100) per lineal foot.

(c) For two (2) inch wrought-iron conduits, the sum of thirty-six cents ($0 36-100) per lineal foot.

(d) For one (1) inch wrought-iron conduits, the sum of dollars ($) per lineal foot.

Item 33. For cast-iron outlet boxes, in place, in stations, the sum of one dollar ($1) each.

Item 33A. For cast-iron pull boxes, in place, in stations, the sum of one dollar ($1) each.

Item 34. For cast iron pipe and fittings, including specials "extra heavy" in place, in stations, as follows:

(a) For six (6) inch, the sum of one 70-100 dollars ($1 70-100) per lineal foot.

(b) For three (3) inch the sum of dollars ($) per lineal foot.

SEWERS.

Vitrified and Cast Iron Pipe.

Item 37. For twelve (12) inch vitrified pipe sewer, the sum of three dollars ($3) per lineal foot.

Item 38. For fifteen (15) inch vitrified pipe sewer, the sum of three 41-100 dollars ($3 41-100) per lineal foot.

Item 39. For eighteen (18) inch vitrified pipe sewer, the sum of four 04-100 dollars ($4 04-100) per lineal foot.

Item 40. For twenty (20) inch vitrified pipe sewer, the sum of four 62-100 dollars ($4 62-100) per lineal foot.

Item 40A. For twenty-two (22) inch vitrified pipe sewer, the sum of five 24-100 dollars ($5 24-100) per lineal foot.

Item 41. For twenty-four (24) inch vitrified pipe sewer, the sum of six dollars ($6) per lineal foot.

Item 42. For cast-iron sewer pipe (straight pipe), in place in the work, the sum of thirty-four dollars ($34) per ton of two thousand pounds.

Item 43. For cast-iron sewer pipe (special castings), in place in the work, the sum of seventy-two dollars ($72) per ton of two thousand pounds.

Egg-Shaped Brick or Concrete Sewers.

Item 45. For 3 feet 6 inch by 2 feet 4 inch, the sum of eight dollars ($8) per lineal foot.

Circular Sewers—Brick or Concrete or Reinforced Concrete.

Item 52 For 3 feet 9 inch, the sum of nine dollars ($9) per lineal foot.

SURFACE AND SUB-SURFACE STRUCTURES.

(Except for Sewers.)

Item 75. For street surface railroads, including the support, reconstruction, rebuilding, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed, in excess of the number existing), as follows:

(a) For electric (underground trolley) railroads, the sum of dollars ($) per lineal foot of single track.

(b) For horse, storage battery or other independent motor operated railroads, the sum of dollars ($) per lineal foot of single track.

(c) For electric (overhead trolley) railroads, the sum of six dollars ($6) per lineal foot of single track.

Item 76. For the temporary and permanent support and maintenance of elevated railroad structures and all work incidental thereto, the sum of five dollars ($5) per column.

PIPES IN STREETS.

For Work and Materials as Called for by Section No. 60 of the Specifications.

Water and Gas Pipes.

Water Pipes.

For water pipes in place, as follows:

Item 79. For 6-inch water pipe, the sum of one dollar ($1) per lineal foot.

Item 82. For 12-inch water pipe, the sum of one 40-100 dollars ($1 40-100) per lineal foot.

Item 84. For 20-inch water pipe, the sum of two 20-100 dollars ($2 20-100) per lineal foot.

Item 87. For 36-inch water pipe, the sum of four dollars ($4) per lineal foot.

Gas Pipes.

For gas pipes in place, as follows:

Item 91. For 6-inch gas pipe, the sum of one dollar ($1) per lineal foot.

Item 92. For 8-inch gas pipe, the sum of one 20-100 dollars ($1 20-100) per lineal foot.

Item 94. For 12-inch gas pipe, the sum of two 25-100 dollars ($2 25-100) per lineal foot.

Item 95. For 16-inch gas pipe, the sum of two 75-100 dollars ($2 75-100) per lineal foot.

Item 96. For 20-inch gas pipe, the sum of three 25-100 dollars ($3 25-100) per lineal foot.

Item 97. For 24-inch gas pipe, the sum of three 75-100 dollars ($3 75-100) per lineal foot.

Item 98. For 30-inch gas pipe, the sum of four 75-100 dollars ($4 75-100) per lineal foot.

By-Passing Gas Pipes.

Item 99-A. For by-passing pipes, upon or below the street surface, in place, as follows:

(a) For 6-inch by-passing pipe, the sum of one dollar ($1) per lineal foot.

(b) For 8-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(c) For 10-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(d) For 12-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(e) For 16-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(f) For 20-inch by-passing pipe, the sum of dollars ($) per lineal foot.

Item 99-B. For by-passing pipes above the street surface, in place, as follows:

(a) For 12-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(b) For 16-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(c) For 20-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(d) For 24-inch by-passing pipe, the sum of four dollars ($4) per lineal foot.

(e) For 30-inch by-passing pipe, the sum of dollars($) per lineal foot.

(f) For 36-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(g) For 42-inch by-passing pipe, the sum of dollars ($) per lineal foot.

(h) For trestle support, the sum of one 75-100 dollars ($1 75-100) per lineal foot.

New Cast-Iron Hub and Spigot Water and Gas Pipe.

Item 100. For new cast iron hub and spigot straight pipe delivered on the work, the sum of thirty-one 50-100 dollars ($31 50-100) per ton of two thousand pounds.

Item 101. For new cast iron hub and spigot pipe, special castings, delivered on the work, the sum of sixty-two 50-100 dollars ($62 50-100) per ton of two thousand pounds.

DUCTS IN STREETS.

Electric Ducts and Conduits in Streets.

(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75.)

Item 127. For electric ducts and conduits in place, as provided in Section No. 62 of the Specifications, the sum of twenty-five cents ($0 25-100) per duct foot.

Item 127-A. For wrought iron pipe used as electric ducts and conduits in place, as provided in Section No. 62 of the Specifications:

(a) For 2½-inch wrought-iron pipe, the sum of fifty cents ($0 50-100) per lineal foot.

(b) For 3-inch wrought-iron pipe, the sum of sixty cents ($0 60-100) per lineal foot.

(c) For 3½-inch wrought-iron pipe, the sum of dollars ($) per lineal foot.

Work Not Susceptible of Classification.

Article XII. In case any work or materials shall be required to be done or furnished in or about the Works—whether specified herein or indicated on the plans or not—which are not susceptible of classification under the Schedule of Unit Prices, the Contractor shall and will if ordered by the Engineer do and perform such work and furnish such materials at and for the actual and necessary net cost in money to the Contractor for labor and for material, where new material is used, and in addition thereto ten per centum (10%) of such net cost for the use of tools and plant, superintendence and all other expenses incidental to the performance of such work and the furnishing of such material, and the Contractor shall have no further claim in excess of the above; but this method of payment shall not apply to the performance of any work or the furnishing of any material which in part or in whole is susceptible of classification under such schedule, which work or material shall be paid for in part or in whole, as the case may be, at the unit price given in such schedule, except as herein otherwise *expressly* provided.

In case any work or material shall be required to be done or furnished under the provisions of this Article, for cost plus ten (10%) per centum, the Contractor shall at the end of each day during the progress thereof furnish to the Engineer daily time slips showing the name and number of each workman employed thereon, the number of hours employed thereon, the character of work he is doing and the wages paid or to be paid to him and also a daily memorandum of the material delivered on the work showing the amount and character of such material, from whom purchased and the amount paid or to be paid therefor. If required, the Contractor shall produce any books, vouchers, records or memoranda showing the work and materials actually paid for and the actual prices therefor.

Quantities Approximate Only.

Article XIII. It is expressly understood and agreed that the quantities of the various classes of work to be done and materials to be furnished under this contract, specified in the Contractor's Proposal, are approximate and only for the purpose of comparing, on a uniform basis, the bids offered for the Works under this contract; and neither the City, nor the Commission, nor any member of the Commission, is to be held responsible that any of the said estimated quantities shall by reason of inaccuracies, or changes in the Works, be found even approximately correct in the construction of the Works; and the Contractor shall make no claim for anticipated profit, or for loss of profit, because of a difference between the quantities of the various classes of work actually done or materials actually delivered, and the estimated quantities stated in the Contractor's Proposal.

Right of Commission to Amplify Plans.

Article XIV. The Commission shall have the right, during the progress of the work, to amplify the plans, to add explanatory specifications and to furnish additional specifications and drawings.

Plans May be Modified.

Article XV. The Commission further reserves the right to change the location and to alter, in any way it may deem necessary for the public interests, the drawings aforesaid, in part or altogether, at any time during the progress of the work, without constituting grounds for any claim by the Contractor for payment or allowance for damages or extra service other than is provided for items of the different classes of construction shown in the schedule, or where not susceptible of classification, then as otherwise provided herein.

Contractor Bound to Complete in Best Manner.

Article XVI. The Contractor shall complete the entire work in accordance with the specifications and contract drawings and according to the other provisions of this contract and within the times specified in this contract, in the most workmanlike manner and with the highest regard to the safety of life and property and according to the lines, levels and directions given by the Engineer, for the prices herein agreed upon.

Best Materials, Machinery, Tools, etc., to be Used.

Article XVII. The Contractor shall furnish of the best description all materials, machinery, implements, tools and labor necessary to construct and put in complete working order all work covered by the specifications, contract drawings and provisions of this contract, including all additional specifications, drawings and details issued or required as herein provided for the prices hereinbefore agreed upon.

Contractor Has Examined Location, Plans, etc.

Article XVIII. The Contractor hereby represents that prior to the execution of this contract he has examined in detail on the ground the location mentioned herein and indicated on the plans, and that he has fully examined the plans and has read each and every clause and section of this contract and the specifications and has had full opportunity to consider the same and make necessary investigations relating thereto; and he agrees that he will not make any claim for, or have any right to, damages or an extension of time for completion of the Works, or any other concession, because of any misinterpretation or misunderstanding of this contract or the specifications or of the plans, or because of any lack of information.

No Acceptance to Obviate the Necessity for Sound Work, etc.

Article XIX. No acceptance of any part of the Works or of materials therefor shall relieve the Contractor of his obligation to furnish sound material and perform sound work, whether with respect to such part or to any part of the Works.

Inspection.

Article XX. The Commission contemplates, and the Contractor hereby approves, the most thorough and minute inspection by the Commission and its Engineer, and by their representatives or subordinates, of all work and materials and of the manufacture or preparation of such materials from the beginning of construction to the final completion of the Works. It is the intention of the Commission that its Engineer shall draw the attention of the Contractor to all errors or variations from the requirements of this contract or other defects in workmanship or materials. But it is expressly agreed that no omission on the part of the Commission or its Engineer or any officer, member or subordinate of the Commission to point out such errors, variations or defects shall give the Contractor any right or claim against the City, or shall in any way relieve the Contractor from his obligations according to the terms of this contract.

Contractor to Afford Facilities for Inspection.

Article XXI. The Contractor shall at all times give to the Commission and its members, to the Engineer and his assistants and subordinates, and any person designated by the Commission or its Chairman, all facilities, whether necessary or convenient, for inspecting the materials to be furnished and the work to be done under this contract. The members of the Commission, the Engineer and all employees of the Commission bearing his authorization or the authorization of the Commission or its Chairman, shall be admitted at any time summarily and without delay to any part of the Works or to inspection of materials at any place or stage of their manufacture, preparation, shipment or delivery.

Engineer to be Furnished Facilities.

Article XXII. The Engineer shall be furnished with every reasonable facility for ascertaining whether the work is in accordance with the requirements and intention of this contract, even to the extent of uncovering or taking down portions of finished work. Should the work thus exposed or examined prove satisfactory, the uncovering or taking down and the replacing of the covering or the making good of the parts removed shall be paid for at the contract prices for the class of work done; but should the work exposed or examined prove unsatisfactory, such uncovering, taking down, replacing and making good shall be at the expense of the Contractor.

Inspection Not to Relieve Contractor of Obligations.

Article XXIII. The inspection of the work shall not relieve the Contractor of any of his obligations to fulfill his contract as herein prescribed, and defective work shall be made good and unsuitable materials will be rejected, notwithstanding that such work and materials have been previously overlooked by the Engineer and accepted or estimated for payment. If the work or any part thereof shall be found defective before the final acceptance of the whole work, the Contractor shall forthwith make good such defect, in a manner satisfactory to the Engineer, and if any material brought upon the ground for use in the work, or selected for the same, shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials.

Engineer's Determination—To be Final and Conclusive Upon Contractor.

Article XXIV. To prevent disputes and litigations, the Engineer shall in all cases determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this contract; shall determine all questions in relation to the Works and the construction thereof, and shall in all cases determine every question which may arise relative to the fulfillment of this contract on the part of the Contractor. His determination and estimate shall be final and conclusive upon the Contractor, and in case any question shall arise between the parties hereto, touching this contract, such determination and estimate shall be a condition precedent to the right of the Contractor to receive any money under this contract.

Engineer to Explain.

Article XXV. The Engineer shall make all necessary explanations as to the meaning and intention of the specifications, shall give all orders and directions contemplated therein or thereby and in every case in which a difficult or unforeseen condition shall arise in the performance of the work required by this contract.

Other Contractors.

During the progress of the work it will be necessary for other contractors and persons to do work in or about the construction or equipment of the Railroad. The Contractor shall afford to such other contractors or persons such facilities as the Engineer may require.

Differences Between Contractor and Other Contractors.

Any difference or conflicts which may arise between the Contractor and other contractors of the Commission in regard to their work shall be adjusted and determined by the Engineer.

Substitute for Chief Engineer.

Article XXVI. Any engineer substituted by the Commission in place of the Chief Engineer during his absence, illness or inability or when the Commission shall so determine, shall, during his official connection, have all the power and authority of the Chief Engineer, and in all respects be recognized as such Chief Engineer.

III.

SPECIFICATIONS.

Specifications and Drawings Subject to Requirement of Railroad of Highest Class—Where Text of Contract Doubtful, Best Materials and Workmanship Required.

Section No. 1. The specifications and contract drawings hereinafter mentioned and taken in connection with the other provisions of this contract, are intended by the Commission to be full and comprehensive, and to show all the work required to be done. But in a work of this magnitude it is impossible either in advance to show all details or precisely to forecast all exigencies. The specifications and contract drawings are to be taken, therefore, as indicating the amount of work, its nature and the method of construction so far as the same are now distinctly apprehended. The Railroad is intended to be constructed for actual use and operation as an interurban railroad of the highest class, adapted to the necessities of the people of New York, in the best manner, according to the best rules and usages of railroad construction, and in the event of any doubt as to the meaning of any portion or portions of the specifications or contract drawings, or of the text of the contract, the same shall be interpreted as calling for the best construction, both as to materials and workmanship, capable of being supplied or applied under the then existing local conditions. All the clauses of the specifications, and all the parts of the contract drawings, are, therefore, to be understood, construed and interpreted as intending to produce the results hereinbefore stated.

To Construct in Accordance With Specifications.

Section No. 2. The Contractor shall construct and complete the Railroad strictly in accordance with the requirements of these specifications; if, in the specifications or contract, any detail or other matter or thing requisite be not mentioned, nevertheless the same is deemed to be included and the Contractor hereby undertakes to do the same as part of the work hereunder, at the unit prices for each class of work where applicable or as provided in Article XII. of the contract.

Maps and Drawings.

Section No. 3. The contract plans referred to in the contract and specifications bear date June 3, 1912, are each countersigned by the Engineer, are stamped with the seal of the Commission, bear the general title:

ROUTE No. 19 AND 22, SECTION No. 1.

Contract Drawing No.

and are designated or numbered as follows:

A-1 to A-4 inclusive, B-218 to B-222 inclusive, B-231, B-232, C-1 to C-15 inclusive, C-401, and C-1001.

Typical Sections and Dimensions.

Section No. 4. The sections and dimensions shown on the contract drawings are typical sections and dimensions which should be applicable to the greater part of the work. Where, however, changes are deemed necessary they may be ordered under Article XV. of the contract and the Engineer shall issue such plans and specifications as may be necessary.

Supplementary Drawings.

Section No. 5. In addition to the contract drawings already mentioned, the Commission has had prepared a set of maps and plans, bearing the same seal and general title as the contract-drawings, but designated as Supplementary Drawings. These supplementary drawings exhibit certain information which the Commission has received from its Engineer of the general nature of the soil underlying portions of the route, the nature and position of surface, subsurface and elevated railways, water mains, gas and other pipes, sewers, electric subways, manholes, hydrants, catch basins and other surface and subsurface structures.

Supplementary Drawings May Be Examined.

Section No. 6. These supplementary drawings can be seen at the office of the Engineer, also samples of material taken in connection with test borings. They are exhibited to the Contractor without any guarantee on the part of the Commission as to their completeness or correctness. The Contractor may have copies (blue prints) of these drawings for such aid, if any, as may be derived from them, on the payment of the cost of blue-printing.

In Case of Difficulties Not Indicated on Supplementary Drawings.

Section No. 7. If, in the prosecution of the work, difficulties of any nature be encountered which are not indicated or suggested by the supplementary drawings, or by the samples of the test borings, or if additional surface or subsurface structures or obstructions be discovered or found of different size or in different positions or of different nature from those shown on the supplementary drawings, or if in any way such supplementary drawings be found erroneous, the Contractor shall take every necessary or proper precaution to overcome the unforeseen difficulty, and is to support, maintain, protect, remove, adjust or readjust, as the case may be, the additional or different surface or subsurface structures according to the direction of the Engineer, and as provided in this contract and these specifications.

Specifications not Exclusive.

Section No. 8. It is expressly understood that the specifications do not include all requirements, but are requirements in addition to those heretofore or elsewhere given or provided in this contract. The specifications and other provisions of this contract, and the contract drawings, are intended to be explanatory of each other. Should, however, any discrepancy appear or any misunderstanding arise as to the import of anything contained in either, the explanation of the Engineer shall be final and conclusive.

Subdivisions of Specifications.

Section No. 9. These specifications are grouped in subdivisions as follows:

1 Brief Description of the Work.
2 General Clauses.
3 General Manner of Prosecution and Maintenance of Traffic.
4 Street Railroad Tracks, Mains and Other Surface, Subsurface and Overhead Structures.
5 Excavation.
6 Backfilling.
7 Piling and Timbering.
8 Cement.
9 Mortar.
10 Masonry.
11 Concrete.
12 Brick Masonry.
13 Stone Masonry.
14 Waterproofing.
15 Steel and Iron.
16 Painting.
17 Drains and Pumps.
18 Sewers.
19 Requirements for Pipes.
20 Ducts.
21 Conduits.
22 Surfaces Restored.
23 Gratings, Hand-rails, Etc.
24 Special Matters.

1

Brief Description of the Work.

General Nature.

Section No. 10. The Rapid Transit Railroad which is hereinbefore described is to be an underground railroad or subway, the general details of construction and the location of the various tracks, junctions, grades, etc., are indicated more particularly on the contract drawings.

The Contractor will not be required to provide or lay tracks, ties or ballast under this contract.

Stations are to be constructed at such places as are indicated on the plans, but station finish work is not included in the work to be done under this contract. Station construction must, however, be kept so advanced that station finish contractors can complete their work coincidently with the completion of the Railroad.

Surface and Subsurface Structures.

Section No. 11. In addition to the construction of the Railroad, it will be necessary to do various incidental work which is generally referred to in Article X. hereof.

Ventilating Chambers and Gratings.

Section No. 12. In order to provide for a frequent renewal of air in the Railroad, chambers for the installation of necessary ventilating devices shall be built at the sides of the Railroad and in connection therewith. These chambers shall be generally of the form and dimensions as shown on the plans, varying somewhat with the requirements of local conditions. They will be so arranged that the air will discharge through gratings placed generally in the sidewalks in the roofs of the chambers. If, owing to local conditions, it becomes necessary to lead the air to gratings or other outlets away from the chambers, suitable air-ways, ducts or flues shall be constructed.

The chambers will be built at the places and as indicated on the plans.

The chambers will be provided with suitable steel doors and with steel ladders reaching to the street for use as exits in case of emergency. Such doors and ladders will be paid for as riveted steel, Schedule Item 19.

Other openings with gratings will be built at or over the stations for the purpose of admitting air to the Railroad.

2

General Clauses.

Prevention of Water Percolation.

Section No. 13. It is the very essence of these specifications to secure a railroad structure underground which shall be free from the percolation of ground or outside water. The mixing and placing of the concrete and the placing and protection of the waterproofing shall be with this end in view.

Best Quality of Work.

Section No. 14. All materials and workmanship must be of the best class in every respect, and the Engineer is to be the sole judge of their quality and efficiency.

Rapidity and Safety.

Section No. 15. All the work shall be prosecuted in the manner according to local conditions, best calculated to promote rapidity in construction, to secure safety to life and property and to reduce to the minimum any interference with abutting property and the public travel. Decking of the streets, paving, or other surface work affecting or affected by street traffic shall be prosecuted during such hours as will reduce such interference to a minimum. Night work shall be conducted, in accordance with the directions of the Engineer, so that annoyance to occupants of abutting property shall be reduced to a minimum, and the Engineer may, if in his judgment conditions so require, direct that night work be omitted.

Contract Section Part of System.

Section No. 16. The contract section embraced in this contract is one of a number of contract sections forming part of an extensive rapid transit railroad system, which the interests of the City imperatively require should be completed and put in operation without delay. If the Contractor shall fail so to prosecute his work that, in the judgment of the Engineer, it shall not be reasonably probable that the work will be completed within the time limited, the Contractor, if directed by the Commission, shall increase the number of shifts and the number of men in each shift as may be necessary to insure the completion of the work within the time required by this contract, or within the shortest possible time thereafter.

Emergencies.

Section No. 17. In case of emergencies involving danger to life or property, continuous work with an increased force may be ordered by the Engineer for such time as may be necessary.

Permits.

Section No. 18. No work shall be begun until the Commission shall issue to the Contractor a permit authorizing him to proceed. No permits for excavation will be issued until the Contractor has given satisfactory assurance to the Engineer that the material needed for construction has been acquired and is available. Such permits are to be in such form and to cover such portions of the work as the Commission shall prescribe.

When to be Filed With Borough President.

Section No. 19. Before any opening is made in the surface of a street, a copy of the permit issued by the Commission shall have been filed with the Borough President not less than five (5) days, unless the Engineer shall expressly direct work to begin within a less period.

Notice Regarding Commencement of Work.

Section No. 20. Before commencing work on any part of the route, whether on the Railroad or on the sewers lying off the line of the Railroad, the Contractor shall give notice in writing to the Engineer at least one (1) week in advance of his intention to commence such operations; and before commencing manufacture, or resuming manufacture, if the same has been suspended, of any article called for by these specifications, notice shall be given to the Engineer in writing at least one (1) week in advance, with the name and address of the maker and the amount and description of the material to be manufactured.

Shafts and Dumping Platforms.

Section No. 21. Plans showing the proposed location, and proposed methods of construction of shafts, dumping platforms, etc., shall be submitted to the Engineer and receive his approval before permits will be granted for such plant and appliances to be constructed and put in operation.

Ordinances and Regulations.

Section No. 22. In all operations connected with the Works, all ordinances of the City, and of the Board of Health, so far as they may be valid and operative with respect thereto, and all laws of this State which are now applicable to and control or limit in any way the actions of those engaged in the work or affecting the materials belonging to them, shall be respected and strictly complied with, and the Contractor shall further strictly comply with all applicable Federal, State and Municipal regulations regarding the transportation in and around the City and Harbor of materials used in, or in connection with, the work.

Requirements of Borough President, etc., to be Observed.

Section No. 23. Whenever the construction of the Works under the provisions of this contract shall interfere with, disturb or endanger any sewer, water pipe, gas pipe, or other duly authorized subsurface structure, the work of construction at such points shall be conducted in accordance with the reasonable requirements of the Borough President or the Commissioner of Water Supply, Gas and Electricity or other officer or local authority having the care of and the jurisdiction or control over such subsurface structures so interfered with, disturbed or endangered.

Building and Water Permits; Shut-offs for Water Pipes, etc.

Section No. 24. The Contractor shall procure all permits necessary or requisite for the underpinning of buildings and the reconstruction thereof; he shall, at his own cost, provide for the water supply necessary for his work and he shall bear the cost of any inspection charge in connection therewith. He shall bear the expense absolutely necessary in the bagging of gas pipes where it is necessary to cut off the supply of same, except where it is necessary to resort to by-passing as provided in Section No. 52, and of the shutting off and restoration of the flow in water mains where such work applies to the maintenance and support thereof as provided in Section No. 59 of the specifications.

Storage on Cross-Streets.

Section No. 25. On cross-streets adjacent to the work, only such material may be stored as may be necessary, in case of an emergency, to sheet or to support the excavation; or a reasonable amount of such structural and other material as may be absolutely necessary to avoid delay in construction may be stored; such material must not be allowed to accumulate, but must be replenished from day to day. The amount to be so allowed shall be determined by the Engineer.

No material of any nature shall be stored along East 138th Street.

Material Stored.

Section No. 26. Excavated sand, gravel or stone that in the judgment of the Engineer is suitable for use in mortar, concrete, or masonry, also structural and other material to be used in the work, may be stored in such locations and for such periods as are approved by the Engineer.

Approval of Engineer Revocable.

Section No. 27. In any case material may only be so stored with the approval of the Engineer, revocable at any time; and if so ordered, such material shall be removed immediately on receipt of the order, or within a period of time to be therein stated.

Access to Fire Hydrants.

Section No. 28. Wherever the work is being carried on, free access must be given to every fire hydrant and fire alarm box, and when required hydrants shall be extended by suitable tube or piping to an accessible point as approved by the Engineer, and to the satisfaction of the Chief of the Fire Department. Materials must not be piled at any time or place within ten (10) feet of any fire hydrant or fire alarm box; and where materials are unavoidably piled or placed in the vicinity of a fire hydrant or fire alarm box, and to such height as to obscure a sight of the same, the position of such hydrant or fire alarm box shall be indicated by suitable signals, both day and night.

Work to Be Cleared.

Section No. 29. At his own expense and as directed from time to time by the Engineer, the Contractor is to clear the work, streets and all public places occupied by him of all refuse and rubbish that may accumulate from any source whatever and leave them in a neat condition; but this is in no way to be construed as placing upon the Contractor the usual duties of the Street Cleaning Department.

Assistance to Be Rendered to Owners of Buildings.

Section No. 30. Where access to any adjacent property is temporarily cut off, owing to the occupancy of the street by the Contractor, he must, at his own cost, render every assistance to the owner or occupant in handling such materials of any description, including all material to be removed by the Department of Street Cleaning, that has to be taken to or removed from such property; such material shall be taken to or from the nearest accessible point that in the opinion of the Engineer is convenient for handling.

Waste Material.

Section No. 31. Waste material of any character will under no conditions be permitted to remain on the streets, but must immediately on its becoming unfit for use in the work be carted away and disposed of by the Contractor as hereinbefore provided; nor shall such materials be allowed to accumulate in the trenches.

Conveniences for Men.

Section No. 32. Necessary conveniences, properly secluded from public observation, shall be constructed and maintained by the Contractor at his own expense wherever needed for the use of the Contractor's employees, to the satisfaction of the Engineer and the sanitary authorities.

Fences.

Section No. 33. Wherever necessary the Contractor shall erect and maintain at his own expense fences for the protection of adjoining property and of the adjoining public places.

Advertisements Forbidden.

Section No. 34. The using of fences and buildings during construction for advertising purposes, other than the name and address of the Contractor, is forbidden; all temporary buildings and fences erected by the Contractor shall be neat in appearance and shall be painted as directed by the Engineer.

Barricades.

Section No. 35. Barricades and bridges shall be erected by the Contractor at his own cost, for the protection of the work or use of the public; they shall be substantial in character and neat in appearance.

Detailed Drawings.

Section No. 36. The Engineer will prepare and furnish to the Contractor, from time to time as required, drawings and plans amplifying such details of the contract drawings as may be necessary, and drawings and plans necessary to show the adjustment and reconstruction of all surface and subsurface structures wherever the reconstruction of the same is necessitated by the construction of the railroad. These plans must be strictly followed, unless local conditions should develop, during construction, suggesting changes, when, with the approval of the Engineer, such changes may be permitted.

Working and Shop Drawings.

Section No. 37. The Contractor shall make all working or shop drawings which may be required in addition to the contract drawings, or in addition to such other drawings as the Commission may issue in amplification of such contract drawings, as explained above. All working or shop drawings shall be submitted in duplicate to the Engineer for his approval, which approval shall be indicated by his countersigning one set of such working or shop drawings and returning the same to the Contractor. Should the working or shop drawings be not approved by the Engineer, then the Engineer shall return one set of such working or shop drawings, with the necessary corrections and changes indicated thereon; and the Contractor must make such corrections and changes, and again submit plans in duplicate for the approval of the Engineer; and no work called for by said working or shop drawings shall be done until the approval of the Engineer be obtained, which must be given or refused within ten (10) working days after delivery to him at his office of such plans in duplicate.

Lines and Grades.

Section No. 38. During the progress of the work the Commission will give, through the Engineer, to the Contractor, suitable points, marks or benches, indicating the line and grade of the Railroad and of the sewers; such points or bench marks to be established at such intervals as the Engineer deems necessary for the Contractor to be able to perform his work. The principal lines and grades are to be given by the Engineer, who may change them from time to time as may be authorized and directed by the Commission. The stakes and marks given by the Engineer shall be carefully preserved by the Contractor, who shall give to the Engineer all necessary assistance and facilities for establishing benches, plugs and for making measurements.

Notice, How Given.

Section No. 39. When the Contractor is absent from any part of the work where it may be necessary to give instructions, orders will be given by the Engineer to, and shall be received and promptly obeyed by the superintendent or overseer of the Contractor, who may have charge of the particular work in relation to which the orders

are given, and a confirmation in writing of such orders will be given to the Contractor by the Engineer if so requested.

Imperfect Work.

Section No. 40. Any imperfect construction which may be discovered before the final acceptance of the work shall be corrected immediately on the requirement of the Engineer and at the Contractor's expense, notwithstanding that it may have been overlooked by the proper inspector.

Damaged Work to Be Replaced.

Section No. 41. All work of whatever kind which during its progress and before its final acceptance shall become damaged from any cause shall be broken up or removed and be replaced by good and sound work at the Contractor's expense.

Condemned Materials to Be Removed.

Section No. 42. If any material brought on the ground for use in the work or selected for the same shall be condemned by the Engineer as unsuitable or not in conformity with the specifications, the Contractor shall forthwith remove such materials as may be directed by the Engineer.

Competent Men.

Section No. 43. The Contractor shall employ only competent, skillful and faithful men to do the work. Whenever the Engineer shall notify the Contractor in writing that in his opinion any man on the work is incompetent, unfaithful or disorderly, such man shall be discharged from the work and shall not again be employed on it.

3

General Manner of Prosecution and Maintenance of Traffic.

Access to Buildings, Etc.

Section No. 44. No building shall, without the consent of the occupant, and after notice to the Engineer, be deprived of means of access thereto; and where streets are open suitable bridges shall be built and maintained, at the Contractor's expense, to permit owners and occupants to reach their premises. Where necessary, proper and easy means for passengers to reach or leave street cars shall be maintained.

Contiguous Contract Sections.

Section No. 45. On the division line of contiguous contract sections, the Engineer will decide any matters in the details of construction within a limit of twenty (20) feet on either side of the line where the work of contractors may be in conflict, and direct which of the contractors shall complete the details of construction within such limits.

Conduct of Work.

Section No. 46. Generally the Contractor will be permitted to conduct his work in the most expeditious manner possible, having due regard for the safety of persons and property and facilities for traffic and under such instructions as the Engineer may give from time to time.

Facilities for Travel.

Section No. 47. All necessary facilities are to be furnished by the Contractor for the benefit of street travel, both on longitudinal and cross streets.

Decking of Streets and Sidewalks.

Section No. 48. In order to provide the minimum interference with traffic and the minimum inconvenience to abutting property owners, during the construction of the Railroad, on all parts of the work, the streets and sidewalks shall, except as hereinafter specifically provided, be substantially decked or covered over, and every precaution must be taken to keep traffic free from interruption. (See Section No. 427.)

Street Intersections.

Section No. 49. The street intersections, except in cases where open trench excavation without cover is permitted, shall be kept at all times open for traffic for their full width. The street intersections in cases where open trench excavation without cover is permitted must be kept at all times open to traffic for at least one-half the width of the cross-roadway, except that cross-roadways in which surface railroads are located shall be kept at all times open to traffic for their full width.

Where portions of a street intersection are opened the same shall be substantially and neatly bridged for foot traffic. In all cases the Contractor shall at all times keep all the street crossings on the lines of the sidewalks in a clean and neat condition, bridging gutters and low places where water might collect.

Close Observance of Above Requirements.

Section No. 50. The Commission will insist upon the close observance of the above requirements, and no departure therefrom will be allowed, excepting upon the written permission of the Commission.

Section No. 51. Wherever the excavations are decked, or where gases are liable to accumulate, suitable openings shall be provided for proper ventilation.

By-passing Gas Mains.

Section No. 52. Wherever the excavations are decked, all gas pipes whose services cannot temporarily be dispensed with shall be by-passed, if directed by the Engineer; temporary pipes to take their place being laid either upon or below the street or sidewalk surfaces. These temporary by-passing pipes, if laid upon or below the street surface, will be paid for at the prices stipulated in Schedule Item 99-A. If laid above the street or sidewalk surface, they will be paid for at the prices stipulated in Schedule Item 99-B. These prices are to include the cost of all labor and material necessary to provide a temporary and independent system of gas supply to take the place of the system originally in the street; to connect such temporary system with the mains in the intersecting streets where necessary; to transfer all house and lamp services to such temporary system where necessary; to remove and dispose of the material of such temporary system; and to restore the original system. No allowance will be made for the maintenance of such temporary system. All maintenance will be considered as of the original system, and will be as provided for in Section No. 59.

Temporary Pipes, etc.

Section No. 53. Temporary pipes, if laid upon or above the street or sidewalk surfaces, shall be neatly and substantially placed in a manner to cause the minimum of inconvenience to the abutting property owners and to the public.

If laid on a trestle, the pipes shall be flanged, or of other approved connection, and sizes 20 inches in diameter or less, if required, shall be rolled wrought-iron pipe; for sizes above 20 inches in diameter, they shall be riveted and caulked steel pipe, made from plates ¼ inch in thickness.

In General.

Section No. 54. In general, work will as provided herein be carried on under covered roadways. In exceptional cases, however, where rock is within a few feet of the street or sidewalk surface, it may be impracticable to operate drills while the street is covered, until a sufficient depth of excavation has been obtained. In such cases such latitude will be allowed the Contractor as may prove absolutely necessary for the execution of his contract, and as the Engineer with the approval of the Commission may deem advisable, after a thorough understanding of the exact conditions and necessities has been determined.

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Street Railroad Tracks, Mains and Other Surface, Subsurface and Overhead Structures.

Notice to Be Given.

Section No. 55. Notice is to be given by the Contractor to all individuals, companies and the proper city officials, owning or having charge of surface, subsurface or overhead structures along any part of the work, of his intention to commence operations along such part of the route, at least one (1) week in advance, and the Contractor shall file with the Engineer at the same time a copy of said notice; and he shall co-operate with the proper parties, officers or officials in charge of such structures and shall furnish them with all reasonable facilities to inspect the methods of caring for their property.

Plans Furnished.

Section No. 56. In the re-arrangement of surface, subsurface or overhead structures requiring removal and relaying or reconstruction due to interference with the railroad structure a tentative plan will be made by the Engineer, which will be submitted to the parties interested; if any reasonable changes are then requested by any of the said parties within ten days after the submission of the tentative plan, such changes will then be made, if in the judgment of the Engineer they will best conserve the interest of all parties concerned; a further plan will then be made which, on the approval of the Engineer, will be final.

Reconstruction or Relaying, etc.

Section No. 57. Whenever it becomes necessary to cut, move, change, or reconstruct any surface, subsurface or overhead structures, or connections therewith, such work shall be done according to the reasonable satisfaction of the owners of such structures.

Reasonable Dispatch.

Section No. 58. All work of reconstruction or alteration shall be done with reasonable dispatch, and facilities are to be provided so that said work will interfere as little as possible with the practical working and use of such structures.

Maintenance, Support, etc.

Section No. 59. The Contractor shall at all times, by suitable bridging or other supports, maintain and support in an entirely safe condition for the usual service and to the reasonable satisfaction of the owners, all surface, subsurface and overhead structures and appurtenances encountered or affected during the prosecution of his work. Also, in order that access may be had in emergencies to gates or valves on water or gas mains and to electric manholes, where such gates or valves and manholes are decked over, trap doors of a suitable size shall be provided in the decking. All surface, subsurface and overhead structures and appurtenances, and all surfaces of whatever character along the line of the work shall be protected from injury, but should any injury occur the Contractor shall fully restore such surface, subsurface or overhead structures and appurtenances or surfaces to as good a condition as existed before the injury was done. All the above, including also all changes of surface, subsurface or overhead structures and appurtenances made by the Contractor for his own convenience in executing his work, shall be done at the Contractor's own expense and included in the prices stipulated in the Schedule for excavation except as otherwise herein specifically provided.

Necessary Permanent Changes of Pipes.

Section No. 60. Changes of water, gas, steam or other pipes made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction of such pipes and their appurtenances in other than the original position, will be paid for at the prices stipulated in Schedule Items 79, 82, 84, 87, 91, 92 and 94 to 98. These prices are per lineal foot of pipe laid including all work, labor and material incidental to such laying, excepting that:

(1) If new pipes have to be provided and are ordered by the Engineer, such new pipes will be paid for in addition to the price paid for laying, etc., at the prices stipulated in Schedule Items 100 and 101, which prices are to cover the cost of the new pipes delivered on the work. This does not relieve the Contractor, however, of his obligation to preserve all pipe that is in good condition and can be reclaimed and used, in order to avoid the necessity whenever possible of providing new pipe.

(2) If the pipes in their new locations are outside of the ordered net lines for excavation for the railroad structure, necessitating additional excavation and restoration of street surface, such excavation will be paid for at the prices stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92, except, in the case of off line pipes, the temporary roadway pavement between curbs and work incidental thereto), and such restoration of street surface will be paid for at the prices stipulated in Item 30.

Excavation for Pipe Laying in Earth.

Section No. 61. In the estimate and payment for earth excavation for pipe laying, allowance will be made for a width of trench two (2) feet wider than the interior diameter of the pipe and a depth six (6) inches deeper than the inner diameter of the pipe, measured from the surface of the street on the line of the trench. Where, in the opinion of the Engineer, the trench for laying pipes thirty (30) inches or more in diameter requires to be close sheeted, allowance will be made in the estimate for payment for earth excavation for a width of trench three (3) feet wider than the interior diameter of the pipe, when the trench is so sheeted.

For the building of valve chambers and other structures and for the setting of valves, valve boxes and hydrants, the total excavation to be allowed will be that within vertical planes one foot outside of the outside lines of such structures, valves, valve boxes or hydrants, the depth being taken as the distance from the street surface to the lowest part of the structure or appurtenance.

At the intersection of two trenches or at the intersection of a pipe or other trench with an excavation made by the Contractor under orders from the Engineer, for any purpose whatsoever, the cubical contents of the intersection will be allowed only once. Under no circumstances will a double allowance be made for any excavation.

Excavation for Pipe Laying in Rock.

In the measurement for rock excavation for pipe laying, allowance will be made for a width of trench two (2) feet wider than the interior diameter of the pipe; allowance for the depth of trench will be eight (8) inches deeper than the outside of the barrel of 20-inch or smaller pipe and twelve (12) inches deeper than the outside of the barrel of pipe of larger diameter, measured from the surface of the rock on the line of the trench. No additional allowance will be made for the removal of rock under the bells to give the required clearance.

For building of valve chambers and other structures and for the setting of valves, valve boxes and hydrants, the total amount of rock excavation to be allowed will be the same as specified for earth excavation, except that the depth will be taken as the distance from the surface of the rock to the lowest part of the structure or appurtenance.

Necessary Permanent Changes of Electric Conduits and Ducts.

Section No. 62. Changes of electric conduits or ducts and their appurtenances found in the streets (other than street railway ducts), payment for which is provided for in Schedule Item 75, made necessary because of physical interference with the railroad structure, and requiring the removal, relaying or reconstruction in other than the original position, will be paid for at the prices stipulated in Schedule Items 127 and 127-A. The price per duct foot, as provided in Schedule Item 127, is to include the cost of all ducts in place (except wrought iron pipe used as ducts); of all manholes, vaults, service boxes and their appurtenances; of drawing cables and providing new cables where necessary; of the proper restoration of all services that may be affected by the changes in the duct lines; of such excavation and restoration of street surface as may be necessitated by the changes in the duct lines, and all other work and material incidental to and necessary for the completed duct lines. Wrought iron pipe used as ducts will be paid for at the prices stipulated in Schedule Item 127-A, which prices are to include all the work specified under Item 127.

Maintenance of Railroads.

Section No. 63. The Contractor shall maintain and support, in a manner that will cause the minimum interference with traffic, all surface, subsurface and elevated railroads along the line of or crossing the line of the work.

Surface Railroads.

The Contractor shall maintain and support, both temporarily and permanently, in a safe condition all street surface railroads (including steam railroads), including ducts, cables and all other appurtenances of such railroads; he shall rebuild either in their original or in new locations all parts of such surface railroads, including ducts, cables and all other appurtenances of such railroads, whose reconstruction or rebuilding may be necessitated by the construction of the work. Payment therefor (except in the case of sewer trenches, where the cost of such work is included in the price paid for sewer excavation) will be at the rates specified in Schedule Item 75, which prices will include the cost of all work incidental thereto. Where permanent masonry supports are required and added, and where additional vaults in excess of the number of existing are required and constructed to give equivalent facilities, they will be paid for at the prices given in the Schedule for the several classes of work or material applicable thereto.

Elevated Railroads.

The Contractor shall maintain and support both temporarily and permanently in a safe condition all elevated railroad structures. Payment therefor (except in the case of sewer trenches, where the cost of such work is included in the price paid for sewer excavation) will be at the rate specified in Schedule Item 76, which price will include the cost of all incidental work, including the reconstruction and building where necessary of all column foundations and parts of column foundations lying without the net lines of the subway structure.

Subsurface Railroads.

The Contractor shall support and maintain both temporarily and permanently in a safe condition all subsurface railroads and their appurtenances. Payment therefor shall be deemed included in the prices of excavation, Schedule Items 1, 2 and 3.

Facilities to be Given to Make Extensions.

Section No. 64. In the event of the owners or the City desiring to make any addition, alteration or extension to their structures, or do any work to or in connection with surface, subsurface or overhead structures owned by them or it, or to lay any new structure in or across a street occupied by the Works, at the time the work under this contract is in progress, the Contractor, by written permission, shall give said owners or the City all reasonable opportunity to perform such work; provided such work or alteration for the benefit solely of the owners of subsurface structures does not cause the Contractor any serious loss or delay, as shall be determined by the Commission. The written permission from the Contractor, with three prints of plans

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or sketches, or a description indicating the proposed work in detail, shall be submitted to and approved by the Engineer before any work shall be proceeded with under such written permission.

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EXCAVATION.

Width of Excavation.

Section No. 65. Special care must be taken to avoid damage wherever excavation under cover is being done or where open excavation is permitted. The width of such excavation shall not exceed the width actually necessary, in the opinion of the Engineer, for the proper prosecution of the work. All excavations shall be of such width, in addition to that of the Railroad, as shall be necessary, in the opinion of the Engineer, for the proper and expeditious progress of the work, and to permit the laying and readjusting of all sewers, mains, subways and other sub-surface structures, encountered along the route and contiguous to the Railroad.

Depth of Trenches.

Section No. 66. Trenches shall be excavated to such depth, both in soft ground and in rock, as may be necessary to permit the laying of such concrete bed or special foundation as may be deemed necessary by the Engineer.

Sides to be Secured.

Section No. 67. The sides of the excavations shall be secured against slips by suitable sheet piling or sheeting, held in place by braces, shores or walling timbers, special precautions being taken where there is additional pressure, due to the presence of buildings or other structures. Where a movement of the ground might cause the settlement of an adjacent building, the sheeting must be started, if near the building, before the elevation of the bottom of the foundation of the building is reached; if away from the building, at such depth of the excavation as the Engineer may permit; and the excavation must not be made in advance of or below the bottom of the sheeting.

Filling Back of Sheeting.

Section No. 68. Sheeting shall be driven wherever possible, but when it is placed against the sides of the excavation, the spaces or voids back of the sheeting must be immediately and carefully filled with suitable material to prevent as far as possible the natural ground back of the sheeting from moving.

Buildings Underpinned.

Section No. 69. The Contractor, where necessary, shall safely and permanently underpin adjacent buildings the bottom of whose foundations are above the bottom of the adjacent subway excavation, or otherwise as directed by the Engineer. By "underpinning" is meant such method of construction as will transfer the foundation loads to such lower level as is necessary to secure adjacent ground and the building thereon, or to prevent bringing an unusual pressure on the subway structure when completed. The underpinning shall be designed to furnish a safe and permanent support for each independent building against settlements or lateral movements. To accomplish this result the Contractor shall use such methods of underpinning, pneumatic or otherwise, as special conditions may require and the Engineer shall approve.

Payment for.

Section No. 70. Where underpinning of a building is necessary and the work is done as provided in Section No. 69, payment will be made to the Contractor as, and at the price, provided in Schedule Item 4. This price is per lineal front foot of building underpinned. The lineal front foot measurement does not mean the perimeter measurement of a building front, along the lines of stoops, bay windows, etc., but the straight front measured along the line parallel to the street building line. Where the subway excavation projects into a transverse street, as at stations, and underpinning is necessary, the lineal front foot measurement will be increased by the measurement in such transverse street within the limits of the subway. The price is to include the payment for all underpinning work of whatever nature required in connection with the building proper, such as side walls, both interior and along transverse (except as noted above) streets; partition walls, both parallel and perpendicular to the building front; interior columns and any other underpinning which may be required. But the price is not to include the payment for underpinning vaults, stoops or porches, the payment for such underpinning, when required, shall be deemed included in the price for excavation, Schedule Items 1, 2 and 3. If ordered by the Engineer, the Contractor shall dig test pits alongside the building foundations to determine the necessity for underpinning. Payment for such test pits will be made to the Contractor as and at the price provided in Schedule Item 2-A.

Sheeting.

Section No. 71. No payment shall be made to the Contractor for sheeting left in the ground or in the work, unless the Engineer shall in writing require it to be left in, in which case payment shall be made to the Contractor for the sheeting so left in as measured by the Engineer, and at one-half the current market price for new material of the same grade, character and dimensions, and without any allowance or payment for placing the same or the expense thereof. This section applies only to the sheeting in trench work.

Timber for Temporary Purposes.

Section No. 72. All timber used for sheeting, shoring, bracing, decking or other temporary purposes, shall be sound and free from any defects that may impair its strength. It shall be provided, placed and removed at the Contractor's own cost and expense. The top or wearing surface of all decking used for carriageways shall be of hard yellow pine (unless otherwise permitted), sound, straight, and free from all shakes, and large loose knots. All sheeting and timber used temporarily shall be put in place by skilled mechanics, keyed tight by wedges where necessary, and so arranged as to be withdrawn readily without endangering the adjoining soil.

Vaults of Abutting Property.

Section No. 73. The cost of the removal, where necessary, of all walls or other parts of vaults of abutting property along the line of the Railroad that are within the ordered net lines of excavation is to be included in earth excavation as provided in Section No. 87, but the restoration of all such walls or other parts of vaults within the ordered net lines of excavation will be paid for at the unit prices specified in the Schedule applicable to the several classes of work and material involved in such restoration.

The above is not to be construed, however, as applicable to any work beyond the ordered net lines of excavation, which shall be done at the Contractor's own cost and expense.

Vaults Disturbed.

Section No. 74. Wherever vaults are broken through or otherwise disturbed, the Contractor shall at his own cost and expense erect a temporary partition on or about the building line, or as directed, that will afford proper protection to the owner or occupant of the adjoining premises.

Rock.

Section No. 75. Ledge rock in place, and boulders within the ordered line of excavation whose volume is a half a cubic yard or more each, will be considered as rock excavation.

Preparations for Rock Measurement.

Section No. 76. Whenever rock is encountered in the trench, it shall be stripped of earth in sections of not less than twenty (20) feet in length, and the engineer in charge shall be duly notified in order that he may measure or cross-section the same.

Blasting.

Section No. 77. Whenever rock or material requiring blasting is encountered in any trench or tunnel, all necessary precautions must be exercised by the Contractor, as required by the ordinances of the City relative to blasting. Explosives shall be used only of such character and strength as may be permitted by the Commission, and the right is reserved for the Engineer to direct that in special cases ordinary blasting powder only, in small charges, shall be used. Blasting shall not be done between the hours of 11 p. m. and 7 a. m. without the express permission of the Engineer, and under such restrictions as he may impose.

Storage of Explosives.

Section No. 78. No larger quantity of explosives shall be kept on the line of the work than will be actually required for the twelve (12) hours of work next ensuing, and it shall be kept under lock, the key to which is to be only in the hands of the foreman or other equally trustworthy person. The amount of explosives kept in any one place shall not exceed the limit permitted by any ordinance of the City, or as may be determined by the Commission. Caps and exploders shall not be kept in the same place with dynamite and other explosives. During freezing weather, special precautions shall be taken as to the care and manipulation of dynamite.

Near Pipes and Mains.

Section No. 79. Whenever any pipe or main is encountered in or alongside of the trench, right is reserved to direct that all rock within five (5) feet of the same shall be removed by means other than blasting.

General Precautions in Blasting.

Section No. 80. In rock excavation in the trenches for the Railroad the work must be so regulated as to avoid, as far as possible, shattering the rock beyond the established line of excavation.

Concrete Packing.

Section No. 81. In open trench rock excavation, where the rock is shattered beyond the established line of excavation, the concrete of the structure shall be rammed to the rock, and such concrete beyond the established line of excavation shall be provided and placed at the Contractor's own expense.

Close Drilling.

Section No. 82. Generally the central portion of the excavation must, when directed by the Engineer, be kept some distance in advance of the excavation near the sides, and if the rock, owing to its general character and structure, has a tendency to break large, or the strike and dip of the stratification indicate a liability to slip or slide into the excavation, the Contractor must place the drill holes at close intervals on the established lines of excavation, in order to avoid excessive excavation and to preserve the established lines thereof.

Pumping.

Section No. 83. Whenever water is encountered in trenches, the same shall be removed by bailing or pumping, great care being taken when pumping that the surrounding particles of soil be not disturbed or removed. If necessary to prevent such disturbance, the pumping must be done by a series of driven wells whose points are protected by fine wire cloths, the rate of flow at each well being made so slow as not to remove the particles of soil; or the pumping must be done by other means approved by the Engineer. The delivery from all pumps shall be conducted into the adjacent sewers, and the delivery pipes shall be so arranged as to be readily inspected at all times to ascertain if the water is free from particles of soil.

Carts to be Tight.

Section No. 84. All carts, buckets or other vehicles used by the Contractor for the removal of material shall be tight and so arranged and so loaded as not to spill over. Whenever a cart, bucket or other vehicle so used is leaky or unsuitable, it shall be immediately withdrawn from the work on notification by the Engineer, or his duly qualified assistant, in charge of that portion of the work.

Removed Expeditiously.

Section No. 85. Excavated material shall be removed expeditiously and disposed of, in any place selected by the Contractor, subject to the ordinances and regulations of the City authorities governing the disposal of such material, and the regulations of the United States Government as to the disposal or dumping of material in and about or near the Harbor of New York.

When Excavated Material May be Taken by City.

Section No. 86. If at any time during the course of construction the City shall desire for city purposes any part of the material excavated, and the cost of such disposal shall not exceed the cost to the Contractor of the method in which he is then disposing of it, the Commission may order such material dumped or turned over to the City at a point designated without cost to the City.

Earth Excavation, Definition of.

Section No. 87. Earth excavation includes the excavation of all materials of whatever nature encountered in the trenches, excepting ledge rock in place and boulders whose volume is a half a cubic yard or more each.

Excavation in Trenches, How Measured.

Section No. 88. The net outside width of the railroad structure, as ordered and indicated on the plans, and the depth, also as ordered and as indicated on the plans, will govern as to width and depth in the measurements for payment for excavation. No deduction from the volume of excavation determined as above will be made on account of basements or cellars in property acquired by the City for the construction of the Railroad or on account of vault space or spaces occupied by pipes and other subsurface structures.

No Allowance Outside of Ordered Net Lines.

Section No. 89. There will be no measurement or allowance made nor money paid for excavation outside (below or wider than) the net measurement lines as above indicated, or in rock excavation, for irregularities of surface; and no allowance shall be made for any excess excavation caused by slips or slides. It is understood and agreed that for all such matters the Contractor has estimated and allowed in the unit prices of the Schedule.

Change of Street Grade.

Section No. 90. Where the contract drawings indicate that the grade of any street is to be raised the Contractor shall fill in the street to the changed grade as required, and such work shall be measured and paid for at the prices stipulated for earth excavation, Schedule Item 1.

Payment for Excavation.

Section No. 91. Excavation shall be paid for at the rate or prices given in Schedule Items 1 and 2 for excavation in earth and Item 3 for excavation in rock.

Prices for Excavation to Include.

Section No. 92. The prices herein stipulated for excavation, Schedule Items 1, 2 and 3 are to include the cost of the disposal of the materials excavated, of backfilling, of temporary roadway pavement between curbs and work incidental thereto, of all decking and bridging, of all sheeting and bracing, and of maintaining and supporting of trenches during and after excavation, of all pumping or bailing, and of the maintenance, support, etc., of all surface, subsurface and overhead structures of whatever nature, payment for the maintenance and support of which is not herein elsewhere *specifically* provided for.

6.

BACKFILLING.

Quality of Material—How Placed.

Section No. 93. The trenches at the sides of and over the top of the subway and wherever backfilling is necessary shall be backfilled with sand, gravel or other good clean earth, free from perishable material and from stones exceeding six (6) inches in diameter, and not containing in any place a proportion of stone of or below that size exceeding one (1) part of stone to five (5) parts of earth. The filling shall be compacted by flooding with water or, in cases where flooding with water is not practicable, it shall be compacted by ramming in layers, not exceeding six (6) inches in depth. In open trench rock excavation, where the rock is shattered beyond the established line of excavation, concrete packing shall be provided in accordance with Section No. 81.

Subsurface Structures—Frozen Material Not Permitted.

Section No. 94. Whenever pipes, sewers, or other subsurface structures are met with, the filling must be carefully packed, rammed and tamped under and about such subsurface structures, using special tools for the purpose. No filling of trenches with frozen earth will in any case be permitted, nor will any filling be permitted over frozen material.

Sheeting Removed.

Section No. 95. As fast as the work of filling permits, sheeting and other timber supporting the sides of the excavation shall be carefully withdrawn, or shall be left in place and the spaces left by the removal of such material carefully backfilled.

How Paid For.

Section No. 96. The cost of back-filling is to be included in the prices paid for earth and rock excavation, Schedule Items 1, 2, 2-A, 3 and 3-A.

7.

PILING AND TIMBERING.

Character of Piles.

Section No. 97. If in the judgment of the Engineer the ground is of such a character as to require piling, the Contractor shall drive such piles as the Engineer directs. The piles shall be of good, sound pine or spruce, or other acceptable timber, straight and free from shakes; they shall be not less than twelve (12) inches in diameter at the butt end, or less than six (6) inches in diameter at the point, and shall be driven to the satisfaction of the Engineer and by means of a steam hammer driver if so required by him. If necessary, the points of the piles shall be protected by proper shoes, and the butts by rings or caps. Piles shall not be spliced unless permitted by the Engineer, and then in such manner as he directs. Piles shall be carefully cut off to the grade given by the Engineer.

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Piles Driven in Required Location.

Section No. 98. Piles shall be driven in the position and manner and to the depth ordered; if driven in a wrong position or injured in any way by driving they must be withdrawn and replaced by others. After being driven they shall be cut off to a true plane for proper adjustment with capping timber or masonry.

Payment for Timber Piles.

Section No. 99. The price herein stipulated to be paid, per lineal foot of timber piles, Schedule Item 12, is to cover the cost of furnishing, driving and preparing the piles ready for the capping timbers or masonry, and the portion cut off and removed will not be included in the length measured for payment. No test piles, guide piles, or piles other than those that are a part of the finished foundation and are included within the net width of the finished foundation will be paid for.

Concrete Piles.

Section No. 100. If in the judgment of the Engineer special conditions so require, piles of re-inforced concrete of an approved form of construction shall be used.

Payment for Piles Other than Timber Piles.

Section No. 101. Payment for piles other than timber piles will be as provided in Article XII. of the contract.

Grillage.

Section No. 102. Timber grillage foundations shall be built if so directed by the Engineer.

Foundation Timber.

Section No. 103. All foundation timber shall be of pine or spruce, or other timber permitted by the Engineer, sound and free from shakes. It shall be of such dimensions, and laid in such manner, as the special plans to be issued shall require, and held in place by spikes or good seasoned oak or locust treenails.

Foundation Timber, Measurement and Payment.

Section No. 104. No wastage is to be allowed for, and the estimate of the quantities of foundation timber used will be based on the amount ordered by the Engineer and placed according to his directions. Payment for foundation timber will be as provided in Schedule Item 13.

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CEMENT.

Portland Cement.

Section No. 105. All cement used in the work shall be true Portland cement, by which is meant the finely pulverized product. resulting from the calcination to incipient fusion of a properly proportioned intimate mixture of argillaceous and calcareous earths or rocks. to which no addition greater than three (3) per cent. has been made subsequent to calcination.

Brand to be Approved.

Section No. 106. Before any cement is furnished, the brand shall receive the approval of the Engineer. Cement, to be acceptable, shall be of a well-known brand which has been in successful use for large engineering works in America for at least five (5) years, and which has an established reputation for uniform character. Preference will be given to cements which, by their records, show a tendency to maintain high strength of mortar with increased age.

Inspection.

Section No. 107. Cement shall be subject to inspection at the place of manufacture or on the work, and to such tests as may be ordered by the Engineer. The Engineer or his representatives shall have access at all times and places to inspect the methods of manufacture, storage and protection, and shall have liberty to inspect the daily laboratory records of tests and analyses at the cement works.

Tests.

Section No. 108. In general, tests will conform to the methods recommended by the Committee on Uniform Tests of Cement of the American Society of Civil Engineers. Unless otherwise directed, samples will be taken at the place of manufacture by a representative of the Engineer, and sent to the Commission's laboratory, where the tests will be made. If required, tests will be made on the individual samples, without intermixing.

Specific Gravity and Color.

Section No. 109. The cement shall have a specific gravity of not less than 3.10 nor more than 3.25 after being thoroughly dried at a temperature of 212 degrees Fahr. The color shall be uniform, bluish gray, free from yellow or brown particles.

Chemical Analysis.

Section No. 110. Chemical analyses of cement made from time to time shall show a reasonably uniform composition. Cement shall not contain more than 1.75 per cent. of sulphuric anhydride (SO_3) nor more than 4 per cent. of magnesia (MgO).

Fineness.

Section No. 111. The fineness of the cement shall be such that it shall leave by weight a residue of not more than eight (8) per cent. on a No. 100, and not more than twenty-five (25) per cent. on a No. 200 sieve; the wires of the sieves being respectively 0.0045 and 0.0024 inch in diameter.

Time of Setting.

Section No. 112. It shall not develop initial set in less than thirty (30) minutes unless a more quickly-setting cement is specifically required, and shall develop hard set in not less than one (1) hour nor more than ten (10) hours.

Soundness.

Section No. 113. Pats of neat cement, after remaining one (1) day in moist air, shall be kept in air or water of normal temperature for at least twenty-eight (28) days, or shall be exposed to an atmosphere of steam, above boiling water, in a loosely closed vessel for at least five (5) hours; and the separate parts under any of these conditions shall remain hard without any indications of checking, cracking, distortion, disintegration or blotching.

Tensile Strength.

Section No. 114. Neat cement briquettes shall have at the end of one (1) day in moist air a breaking strength, per square inch of sectional area, of not less than one hundred and fifty (150) lbs.; at the end of seven (7) days—one (1) day in air, six (6) days in water—of not less than five hundred (500) lbs.; and at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than six hundred (600) lbs. The strength at twenty-eight (28) days shall not be less than at seven (7) days.

Mortar Briquettes.

Mortar briquettes, composed of one (1) part of cement and three (3) parts of standard Ottawa sand, by weight, shall have at the end of seven (7) days—one (1) day in air, six (6) days in water—a breaking strength, per square inch of sectional area, of not less than two hundred (200) lbs.; and at the end of twenty-eight (28) days—one (1) day in air, twenty-seven (27) days in water—of not less than three hundred (300) lbs. The strength at twenty-eight (28) days shall show an increase of not less than fifty (50) lbs. over the strength at seven (7) days.

Long-time Tests.

Section No. 115. Tests will be made from time to time extending over longer periods than twenty-eight (28) days. If such tests show a tendency to unsoundness or unusual reduction in strength with increased age, the Engineer shall have the right to prohibit the further use of that brand and to require that another brand be substituted.

Storage During Tests.

Section No. 116. All cement shall be held in storage to allow ample time for tests to be made before the cement is required for use in the work.

How Contained.

Section No. 117. Cement shall be packed and delivered in canvas sacks or other strong, well-made packages, plainly marked with the manufacturer's brand, and sealed in an approved manner. The weights of such packages shall be uniform.

Methods of Storing.

Section No. 118. The Contractor shall at all times keep in store on the work, or at some point convenient thereto, an abundant supply of cement, so as to guard against possible shortage. It shall be stored in a weather-tight building, with a tight floor a proper distance above the ground, and with sufficient floor space to admit of storing each lot of cement, of not more than two hundred (200) barrels or its equivalent, separately, so as to facilitate identification of each individual lot in case of necessity for further tests or rejection. Cement that has become partially set or otherwise damaged shall not be used.

9.

MORTAR.

Cement and Sand—Mixing.

Section No. 119. All mortar shall be prepared from accepted cement and clean, sharp sand, approved by the Engineer. These ingredients shall be thoroughly mixed dry in the proportions as specified below; water shall then be added, so as to produce a stiff paste. Water used in mortar, grout or concrete must be clean, fresh water, no salt water being permitted. The mortar shall be freshly mixed for the work on hand, in proper boxes made for that purpose, and no mortar shall be used that has stood beyond such limit of time as may be determined by the Engineer.

How Measured.

Section No. 120. For purposes of mixture, three hundred and seventy-five (375) pounds of Portland cement shall be estimated at three and one-half (3½) cubic feet of volume. The proportional parts of sand and stone or gravel shall be by volume as cast into the measuring box. The proportions for brick and stone masonry shall be one (1) part cement to two (2) parts sand; for pointing, one (1) part cement and one (1) part sand; for concrete masonry, as specified under the head of concrete; and for other classes of work, as directed by the Engineer.

Grout.

Section No. 121. If required by the Engineer, a grout, consisting of one (1) part fine, clean and sharp sand and one (1) part of Portland cement, shall be pumped in under pressure, so as to completely fill all the voids in or behind the masonry.

Payment for Grout.

Section No. 122. Where grout is ordered and used, it shall be paid for at the price herein provided, Schedule Item 11.

10.

MASONRY.

Laid in Portland Cement.

Section No. 123. All masonry, except as otherwise specified, shall be laid in Portland cement mortar, and shall be built of the forms and dimensions shown on the plans, or as directed by the Engineer from time to time; and the system of joining or bonding ordered by the Engineer shall be strictly followed.

Water Not to Interfere With.

Section No. 124. Care must be taken that no water shall interfere with the proper laying of masonry in any of its parts.

Freezing Weather.

Section No. 125. During freezing weather such masonry only shall be built whose construction, in the judgment of the Engineer, can not be postponed, except at the cost of delaying the work. The Contractor shall provide such appliances as are necessary for heating the water and the materials used in the masonry according to the specific instructions of the Engineer.

Protected in Freezing Weather.

Section No. 126. During freezing weather all masonry shall be protected by a suitable covering of salt hay, canvas, tarpaulin or by such material or in such ways as may be necessary to insure it against freezing.

Hot Weather.

Section No. 127. During hot weather all masonry, especially concrete, shall be kept wet by sprinkling and properly covered until it has become thoroughly set and hardened.

Pointing.

Section No. 128. Unless otherwise permitted, every joint that is to be pointed shall be raked out, within two days after being laid, to a depth of at least two inches.

Section No. 129. Pointing of the face joints of masonry shall be thoroughly made with cement mortar mixed in the proportion of one (1) part of cement to one (1) part of sand, except where otherwise specially provided.

Section No. 130. No pointing shall be done in freezing weather, and masonry laid between December 1 and April 1 shall not be pointed until permitted by the Engineer.

Defective Masonry.

Section No. 131. Any masonry which is found to be defective from any cause whatsoever, before the final completion and acceptance of the work, must be removed and properly rebuilt, or if damaged during such time must be properly repaired.

Stone Cleaned.

Section No. 132. All stone before being laid shall be thoroughly cleaned, and washed if so directed by the Engineer.

11.

CONCRETE.

How Composed.

Section No. 133. The concrete shall be composed of gravel or broken stone, or a mixture of both, free from all dust and dirt, and mixed together with the proportion of mortar specified below.

Sand.

Section No. 134. Sand for concrete shall be of the kind herein specified for mortar.

Stone.

Section No. 135. Stone for concrete shall be sound, clean gravel, or sound, hard, broken limestone, or trap rock, or a mixture of such gravel and broken stone may be used.

Sizes of Stone.

Section No. 136. Broken stone or gravel for concrete shall be graded from fine to coarse, and that which is all of one size, or practically so, shall not be used. It shall be screened or washed so as to remove all dust, and it shall contain no pieces that will pass through a hole three-eighths (⅜) inch in diameter, and no pieces that will not pass through a hole one and one-half (1½) inches in diameter. Broken stone or gravel for concrete, graded as above, but between three-eighths (⅜) and three-fourths (¾) inch in diameter, may be required and used in special parts of the work.

Rubble Concrete.

Section No. 137. In concrete where the thickness is thirty (30) inches or more, if permitted by the Engineer, the Contractor may imbed in the same pieces of clean, sound stone whose greatest diameter does not exceed twelve (12) inches and whose least diameter or thickness is not less than three-quarters (¾) of the greatest diameter. These stones shall be set by hand in the concrete as the layers are being rammed, and so placed that each stone is completely and perfectly imbedded. No two (2) stones shall be within six (6) inches of each other and no stones within four (4) inches of an exposed face, nor shall any such stone be placed nearer than six (6) inches to any metal built in the concrete for reinforcing the same.

Proportions.

Section No. 138. The proportions of cement, sand and stone (or gravel) used in making concrete shall be as follows:

Section No. 139. Concrete in floor, sidewalls and roof one (1) part of cement, two (2) parts of sand and four (4) parts of stone.

Section No. 140. Protective concrete outside of waterproofing lines on sides and roof, one (1) part of cement, four (4) parts of sand and eight (8) parts of stone.

Mixing by Machine.

Section No. 141. Whenever practicable, concrete shall be machine mixed. A rotary machine of a pattern approved by the Engineer, and mixing only one batch at a time, shall be used.

Mixing by Hand.

Section No. 142. When concrete is mixed by hand the stone or gravel shall be spread on a platform in a bed about six (6) inches thick, and shall be thoroughly wet. Sand shall be spread on a platform and the requisite portion of cement spread on the sand. After thoroughly mixing the latter, the dry mixture thus formed shall be spread evenly over the bed of stone wet as above, and the whole turned over until thoroughly mixed, but not less than two (2) turnings on the mixing board shall be allowed in any case, water being added as necessary. Care shall be taken to keep the bed of concrete wet and avoid piling.

How Laid.

Section No. 143. Concrete shall be placed immediately after mixing in layers of such thickness as may be directed by the Engineer, and shall be thoroughly compacted throughout the mass by ramming or spading, special tamping bars or tools being used as approved by the Engineer. The amount of water used in making the concrete shall be as approved by the Engineer. If a small amount of water has been used in mixing,

ramming shall be continued until the water flushes to the surface; as a rule, however, concrete shall be placed wet.

Made Smooth to Receive Waterproofing.

Section No. 144. Concrete to which waterproofing is to be applied shall be made smooth at the time of laying and shall be carefully protected from injury by barricades or otherwise, if necessary until thoroughly set.

Time for Hardening.

Section No. 145. Concrete shall be allowed to set for twelve (12) hours, or more, if so directed, before any work shall be laid upon it; and no walking over or working upon it shall be allowed while it is setting. Concrete shall not be flooded with water before being thoroughly set.

Rock Surface to be Cleaned.

Section No. 146. Before laying concrete on rock surfaces the latter shall be swept clean of all debris and dirt, and when laid on earth the earth shall be rammed as directed before placing the concrete.

Surface Rough for Bonding.

Section No. 147. Wherever a section of concrete is necessarily left unfinished, leaving a surface which will be hard set before additional concrete can be laid, care shall be taken to flush the cement to such surface, and such dovetails or grooves shall be formed as may be necessary to insure a good bond with the new work; and if deemed necessary by the Engineer, the joints shall be reinforced with steel bars or dowels, to be furnished by the Contractor.

Joints Cleaned.

Section No. 148. In all cases of joints of old with new work the old surfaces shall be thoroughly cleaned and wet, and a coating of mortar or cement shall be applied, if required, before placing the concrete.

Forms.

Section No. 149. Suitable forms shall be provided by the Contractor to support the concrete while being placed in the walls or roofs. These forms shall be immediately replaced by new ones as soon as they commence to lose their proper shape. Before being used they shall be carefully cleaned of cement and dirt in order to provide a perfectly smooth face to the exposed surface of the concrete. The forms shall be made of wood, kept carefully planed; or made of metal sufficiently thick to retain their shape without the use of wood.

Section No. 150. No forms made of wood, and covered with iron, will be permitted.

Section No. 151. The forms, if made of wood, shall be made of boards with tight joints, tongued and grooved if required by the Engineer.

Precautions in Placing.

Section No. 152. Every precaution shall be taken in placing or assembling the forms to do so in such a manner that when removed, after the concrete has been placed, the faces of the concrete that are to remain exposed shall present a smooth and even surface.

Forms, How Set—Forms Removed—Surface Irregularities Corrected—Defective Work Replaced.

Section No. 153. The forms shall be set true to line, firmly secured, and be so tight as not to allow water in the mortar to escape; they shall be thoroughly wet before placing the concrete and shall be removed as soon after the concrete has been placed as in the judgment of the Engineer may be done with safety to the work. Immediately on the removal thereof the faces that will remain exposed shall be carefully examined and any irregularities of the surface corrected; projections shall be removed and voids filled with mortar. If, however, the voids are such as to indicate an excessive loss of mortar, portions of the concrete shall be cut out to the fullness of such defects and the space refilled with a rich concrete or mortar in such proportions and in such manner as the Engineer may direct.

Reinforcement Steel.

Section No. 154. Where reinforcement steel or wire mesh is used, efficient means shall be provided to maintain it in the exact position it is to occupy in the completed work, and to prevent it from becoming dislodged, or moved in any manner, when concrete is placed.

Surfaces Not To Be Painted.

Section No. 155. The exposed faces of the concrete shall be left with the natural cement finish; therefore, immediately following the removal of the forms, followed by the removal of the projections and the filling of voids as provided above, these entire surfaces shall be rubbed down in such a manner, approved by the Engineer, as will leave a smooth and even surface, the object in view being to obtain a generally smooth finished surface with uniformity in color.

The preceding paragraph does not apply within station limits.

Impervious to Water.

Section No. 156. It is intended to obtain concrete impervious to water; the concrete shall be mixed and deposited with this end in view, and on the roof of the Railroad, if waterproofing is not used, the top surface of the concrete shall be carefully troweled as may be directed in order to add to its imperviousness.

Concrete, How Measured and Paid For.

Section No. 157. Concrete masonry shall be measured in place in the work to the prescribed net lines ordered by the Engineer and shall be paid for at the prices in Schedule Items 6 and 7; which prices are to include the cost of all scaffolding, centres, forms, etc., and removing the same, and all work incidental thereto.

Backing or Filling Concrete, Not Paid For.

Section No. 158. No concrete backing or filling outside of the ordered net lines of excavation will be paid for.

(For Concrete in Sewers, see Sewers.)

12.

BRICK MASONRY.

Quality.

Section No. 159. Bricks for masonry shall be of the best quality common bricks burned hard entirely through, regular and uniform in shape and size and of compact texture.

Hollow Terra Cotta Blocks.

Section No. 160. Hollow terra cotta blocks or bricks may be required on the outside of walls of the structure or at such other places as the Engineer may direct. They shall be of the best porous terra cotta as approved by the Engineer, and shall be laid in such manner as hereinafter specified or as the Engineer may direct.

In Station.

Similar terra cotta blocks or bricks may be required in station work.

How Laid.

Section No. 161. All brick masonry shall be laid in mortar of the quality above described, except that in exposed locations coloring matter may be added, if required by the Engineer. The bricks shall be laid to line with joints in the face work not exceeding one-quarter (¼) of an inch in the beds, and three-eighths (⅜) of an inch on ends; the bricks to be thoroughly wet before laying and to be completely embedded in mortar under the bottom and on the sides and ends at one operation, care being taken to have every joint full of mortar.

All exterior surfaces shall be smooth and regular.

Cleaned.

Section No. 162. The inside faces of all arches and other exposed parts shall have all the mortar scraped off and washed clean immediately after the centres have been struck, and shall be pointed and left in neat condition.

No "Bats" or Culls.

Section No. 163. All bricks of whatever nature shall be carefully culled and if necessary gauged before laying, at the expense of the Contractor. No "bats" shall be used except in large masses of brickwork, where a moderate proportion, to be determined by the Engineer, may be used, but nothing smaller than half bricks.

Racked or Toothed.

Section No. 164. All unfinished work shall be racked back or toothed, as directed by the Engineer, and before new work is joined to it the faces of the brick in the old work must be scraped entirely clean, scrubbed with a stiff brush and be well moistened.

Special Bricks.

Section No. 165. Where necessary to make a neat joint in connection with steel framework, or at corners, curves, or other similar places, special bricks of proper shape shall be furnished and used. All centres and forms shall be made to fit the curves of the work; they shall be put up and removed in a manner satisfactory to the Engineer.

Measurements and Payments.

Section No. 166. Brick masonry shall be measured to the lines indicated and shown on the plans and as ordered by the Engineer and shall be paid for as herein stipulated in Schedule Item 9, for common brick masonry and Item 10 for hollow terra cotta brick or tile masonry; these prices are to include the cost of all scaffolding, forms, centres, etc., and the removal of the same, of all plastering and pointing and of all other work incidental thereto.

13.

STONE MASONRY.

Rubble Stone Masonry, Where Used.

Section No. 167. Rubble stone masonry will be used for supporting the street railroads over the roof of the Railroad where permanent supports are required, or at such other places as the Engineer may require.

How Laid.

Section No. 168. Rubble stone masonry shall be made of sound, clean stone of suitable size, quality and shape for the work in hand and shall be laid in mortar mixed in the proportion of one (1) part cement to three (3) parts of sand. All beds and joints shall be well filled with mortar and the work must be thoroughly bonded.

Dry Rubble Masonry.

Section No. 169. In connection with the construction of sewers, or wherever else directed by the Engineer, dry rubble masonry shall be used. It shall consist of sound, clean stone, not less than three inches thick and one cubic foot contents laid on natural beds and bonded to give greatest degree of strength, with such spalls as are required for leveling.

Measurement and Payments.

Section No. 170. Rubble stone masonry shall be measured in place in the work and to the lines ordered by the Engineer, and it shall be paid for as herein stipulated under Schedule Item 8, if with mortar, and under Item 8-A, if dry.

Other Masonry.

Section No. 171. In case, during the progress of the work, stone masonry of a different class than that specified above shall become necessary and shall be required by the Engineer, the same shall be constructed according to specifications applicable to the best work of such class, and it shall be paid for as provided in Article XII. of the contract.

14.

WATERPROOFING.

General Limits of Waterproofing.

Section No. 172. In general, waterproofing of the structure will be limited to over the roof between stations and to those surfaces near ground water or mean high water if ground water level is found for any reason to be below mean high water. At other places free drainage shall be provided by pipe drains, hollow tile or broken stone.

At stations the roof and sidewalks also shall be waterproofed.

Protecting Masonry.

Section No. 173. The protecting masonry shall be hollow terra cotta blocks, common bricks or concrete, laid and paid for as herein elsewhere provided, and shall not be less than four inches in thickness.

Laid Against Sheeting.

Section No. 174. In places where permanent sheeting is placed at the waterproofing line, the waterproofing, if permitted by the Engineer, may be applied against the sheeting.

Surfaces to be Made Smooth.

Section No. 175. All surfaces to which waterproofing is to be applied shall be made as smooth as possible; on these surfaces there shall be spread either hot melted pitch or asphaltum in a thick layer of uniform thickness; on this layer of pitch or asphaltum shall be laid a treated woven fabric of such material as may be approved by the Engineer; this process shall be repeated until such number of layers as may be required by the Engineer have been placed and a final coat of pitch or asphaltum shall then be applied.

Definition of Term "Ply."

Section No. 176. The term "ply" as used in these specifications shall mean a layer of treated woven fabric, both sides of which shall be coated with pitch or asphaltum at the time of laying.

Number of Ply.

Section No. 177. The number of plies of waterproofing over the roof between stations shall in no case be less than three (3), except as hereinafter provided, where brick laid in asphalt mastic is used.

On the sidewalks at stations the same conditions as in the preceding paragraph shall apply.

Brick in Asphalt Mastic.

Section No. 178. On the sides and bottom of the structure below a line of two (2) feet above ground water, or, if ground water is below mean high water level, then two (2) feet above mean high water, one (1) ply of waterproofing, as described above, shall be used with one or more layers of brick laid in asphalt mastic; the number of layers of brick to be determined by the Engineer.

In any case where brick laid in asphalt mastic is not used, the number of plies shall be as local conditions require and as directed by the Engineer.

The requirements in the preceding paragraphs of this section likewise shall apply to the roof of the structure within station limits and over the tracks passing through the stations within said limits.

Quality of Brick.

Section No. 179. The quality of brick shall be the same as provided in the specifications under the head of Brick Masonry. The brick shall be properly dried and shall be heated before laying.

Measurements and Payments.

Section No. 180. Brick in asphalt mastic will be measured in place to the lines ordered by the Engineer, and will be paid for at the price herein stipulated, Schedule Item 16.

Section No. 181. Six (6) plies of waterproofing may be substituted for brick in asphalt mastic, if approved by the Engineer, and will be paid for as provided for fabric waterproofing.

Asphalt Mastic.

Section No. 182. Asphalt mastic shall contain one-third (1-3) waterproofing asphalt, the other ingredients to be sand and limestone dust or sand and Portland cement, in proportions governed by local requirements and weather conditions. In melting and mixing the mastic on the work its temperature shall not exceed 350 degrees Fahrenheit. All packages containing asphalt shipped to the work must be distinctly labeled with the manufacturer's name and the brand or number of the mixture.

Leaks Stopped.

Section No. 183. Any masonry that is found to leak at any time prior to the completion of the work and final acceptance thereof by the Commission shall be cut out and the leak stopped, at the sole expense of the Contractor.

Quality of Pitch.

Section No. 184. Pitch shall consist of either coal-tar or natural asphalt as the Engineer shall elect; it must be delivered on the work in packages that are plainly marked with the manufacturer's brand, and indicating the grade and quality of the material.

Coal-tar Pitch.

Section No. 185. The coal-tar pitch shall be straight-run pitch containing not less than twenty-five (25%) per centum and not more than thirty-two (32%) per centum of free carbon, which will soften at approximately 70° F., and melt at 100° F., being a grade in which distillate oils distilled therefrom shall have a specific gravity of 1.05.

Quality of Waterproofing Asphalt.

Section No. 186. The asphalt used shall consist of fluxed natural asphalt, or asphalt prepared by the careful distillation of asphaltic petroleum, subject to the approval of the Engineer, but, however prepared, it shall comply with the following requirements:

The asphalt shall contain in its refined state not less than 95 per cent. of bitumen soluble in cold carbon disulphide, and at least 98½ per cent of the bitumen soluble in cold carbon disulphide, shall be soluble in cold carbon tetrachloride. The remaining ingredients shall be such as not to exert an injurious effect on the work.

The asphalt shall not flash below 350 degrees Fahr. when tested in the New York State Closed Oil Tester. When 20 grams of the material are heated for five hours at a temperature of 325 degrees Fahr. in a tin box 2½ inches in diameter it shall not lose over 5 per cent. by weight, nor shall the penetration at 77 degrees Fahr. after such heating be less than ½ of the original penetration.

The melting point of the material shall be between 100 degrees and 175 degrees Fahr. as determined by the Kraemer and Sarnow method.

The consistency shall be determined by the penetration which must be between 75 and 100 at 77 degrees Fahr.

A briquette of the solid bitumen of cross section of one square centimeter shall have a ductility of not less than 20 centimeters at 77 degrees Fahr., the material being elongated at the rate of five (5) centimeters per minute. (Dow moulds.)

All tests herein provided must be conducted according to methods approved by the Engineer.

Penetrations indicated herein, refer to the depth of penetration in hundredth centimeters of a No. 2 cambric needle, weighted to 100 grams at 77 degrees Fahr. acting for 5 seconds.

Woven Fabric for Waterproofing.

Section No. 187. The fabric to be used shall be a woven fabric which shall have been treated with pitch or asphaltum before being brought on the work. The fabric and the material used in its treatment shall be approved by the Engineer.

Concrete to be Dry.

Section No. 188. All concrete shall be dry before waterproofing is attached. If, in the judgment of the Engineer, it is impracticable to have the concrete dry, then there shall be first laid a layer of treated felt of approved quality, on the upper surface of which is to be spread the first layer of pitch or asphaltum; the said layer of felt shall then be counted as one of the required plies.

Each layer of pitch or asphaltum must completely and entirely cover the surface on which it is spread without cracks or blow holes.

Fabric for Waterproofing to be Carefully Laid.

Section No. 189. The fabric must be rolled out into the pitch or asphaltum while the latter is still hot, and pressed against it so as to insure its being completely stuck over its entire surface, great care being taken that all joints are well broken by overlapping, and that, unless otherwise permitted, the ends of the rolls of the bottom layers are carried up on the inside of the layers on the sides, and those of the roof down on the outside of the layers on the sides so as to secure a full lap of at least one (1) foot. Especial care must be taken with this detail.

Section No. 190. When the finishing layer of concrete is laid over or next to the waterproofing material, care must be taken not to break, tear or injure in any way the outer surface of the pitch or asphaltum.

Skilled Labor to be Employed.

Section No. 191. None but competent men, especially skilled in work of this kind, shall be employed to lay the waterproofing.

Measurements and Payments.

Section No. 192. Measurements will be made on the basis of actual area covered by the number of plies ordered, no account being taken of laps, and the waterproofing will be paid for as herein stipulated, Schedule Item 15.

15.

Steel and Iron.

Open Hearth Process.

Section No. 193. Steel shall be made in an open hearth furnace.

Chemical and Physical Properties.

Section No. 194. The chemical and physical properties of finished material shall conform to the following limits:

Properties.	Structural Steel.	Carbon Rivet Steel.	Steel Castings.
Phos. (Max.)	.04%	.04%	.05%
Sulph. "	.05%	.04%	.05%
Mn. "	.60%	.60%	.80%
Si. "	.10%	.10%	.35%
Ult. Str.	60000±4000	50000±4000	65000 (Min.)
Yield Point	55% Ult.	55% Ult.	35000 (Min.)
Elongation	1500000 / Ult. Str.	1500000 / Ult. Str.	20% in 2"
Fracture	Silky.	Silky.	Fine granular
Cold Bend	180° flat.	180° flat.	120° (d.=3t.)

Yield Point.

Section No. 195. The yield point shall be that strain, beyond which the elongation ceases to be proportional to the weight imposed, and may be indicated by drop of beam. The speed of testing shall be governed by the inspector.

Finish.

Section No. 196. Sufficient discard shall be made to insure sound material free from piping or excessive segregation. The material shall be finished straight and smooth, and shall be free from all seams or other defects. Any imperfection which may develop during the progress of the work will be sufficient cause for rejection.

Steel Castings.

Section No. 197. Steel castings shall be true to pattern and free from injurious imperfections.

Standard Test Pieces.

Section No. 198. The tensile strength, yield point and ductility of the material shall be determined from a standard test piece of not more than two (2) inches in width, and about one-half (½) square inch in sectional area, cut from a full sized bar, with sides turned or planed parallel so as to give a uniform minimum section for at least nine (9) inches. Whenever practicable the two sides of the test piece shall be left as they come from the rolls, but the finish on opposite sides shall be alike in this respect.

Specimens for Bending.

Section No. 199. Specimens for bending shall be cut from the material as rolled.

Rivet Rods.

Section No. 200. Rivet rods shall be tested as rolled.

Steel Castings.

Section No. 201. For steel castings the test piece shall be turned to a uniform minimum section of one-half (½) inch diameter, for a length of at least two and one-half (2½) inches. Specimens for bending shall be one (1) inch by one-half (½) inch in section.

Ductility Elongation.

Section No. 202. In determining the ductility, the elongation shall be measured after breaking on an original length as specified, in which length shall occur the curve of reduction each side of the point of fracture.

Where Taken From.

Section No. 203. For rollers the specimens shall be cut from the finished bar so that the center of the specimen shall be one inch from the outside of the bar.

Treatment of Test Specimens.

Section No. 204. For steel castings the number of tests will depend on the character and importance of the castings. Specimens shall be cut cold from coupons molded and cast on some portion of one or more castings from each melt. The coupons shall be annealed with the castings before being cut off.

Rolled steel shall be tested in the condition in which it comes from the rolls.

Number of Tests.

Section No. 205. At least one tensile and one bending test shall be made from each melt of steel as rolled. In case steel differing three-eighths (⅜) inch or more in thickness is rolled from one melt, a test shall be made from the thickest and from the thinnest material rolled.

Variation in Weight.

Section No. 206. A variation in weight of any piece of steel of two and one-half per centum (2½ per cent.) from that specified, shall be sufficient cause for rejection, except in case of sheared plates exceeding one hundred (100) inches in width, where the variation may be five (5) per centum.

Material Marked.

Section No. 207. Each finished piece of steel shall be marked with the melt number, excepting that bars for reinforcing concrete shall be bundled and the melt number stamped on a metal tag attached to each bundle.

Test Pieces.

Section No. 208. The Contractor shall furnish, without extra charge, such standard test pieces, as may be necessary to determine the uniform quality of the material and also the use of a reliable testing machine, with the necessary labor for testing.

Chemical Determinations.

Section No. 209. Chemical determinations of the percentages of carbon, phosphorus, sulphur and manganese shall be made by the manufacturer from a test ingot, so taken, during the casting of each melt of steel as to fairly represent the melt. Two copies of such analyses shall be furnished to the Engineer or his Inspector.

Mill Orders.

Section No. 210. The Engineer shall be furnished copies in triplicate of all mill orders, and no material shall be rolled nor work done before the Engineer has been notified so that he may arrange for the inspection.

Wrought Iron.

Double Rolled.

Section No. 211. All wrought iron shall be double rolled, tough, fibrous and uniform in character. It shall be thoroughly welded in rolling and be free from surface defects.

Method of Testing.

Section No. 212. The methods specified for testing rolled steel shall apply generally to wrought iron. Standard test specimens shall show an ultimate strength of at least fifty thousand (50,000) lbs. per square inch, and an elongation of at least eighteen (18) per centum in eight (8) inches, with fracture wholly fibrous. Specimens shall bend cold with the fibre, through one hundred and thirty-five (135) degrees, without sign of fracture, with inner radius not to exceed the thickness of the piece tested. When nicked and bent the fracture shall show at least ninety (90) per centum fibrous.

Cast Iron.

Chemical Requirements.

Section No. 213. Cast iron shall be tough gray iron made by the cupola process and shall contain not more than 0.6 per cent. of phosphorus and not more than 0.12 of sulphur. No mill cinder iron, white or burnt iron or scrap of any kind will be permitted in the composition.

Tests.

Section No. 24. The quality of the iron entering into castings shall be determined by means of the "Arbitration Bar." This is a bar 1¼ inches in diameter and 15 inches long, cast under the same circumstances as those which attended the casting of the full-sized piece. This bar shall sustain at the center, when resting upon two dull knife edges twelve (12) inches apart, a load of three thousand (3000) pounds with a deflection of at least one-tenth (1-10) of an inch before rupture.

Number of Test Bars.

Two (2) sets of two (2) bars shall be cast from each heat; one set from the first and the other set from the last iron entering into the castings. Each set of two bars is to be made in a single mold.

Finish.

Section No. 215. Castings must be sound, true to pattern, free from cracks, flaws, excessive shrinkage, and have smooth clean surfaces. They must be neatly chiseled and wirebrushed before leaving the foundry. Castings which do not accurately conform to dimensions on the plans will be rejected. Each casting shall have its distinguishing letter or number cast on at the place indicated on the plans.

Workmanship.

Quality.

Section No. 216. All workmanship shall be first class. All parts exposed to view shall be neatly finished. All nuts exposed to view on the final structure shall be hexagonal.

Rods, Deformed Sections.

Section No. 217. Rods and bars to be used for reinforcing concrete shall be deformed as approved by the Engineer; plain bars will not be used.

Bent Rods.

Section No. 218. Bent rods shall be bent uniformly to template in a machine or press approved by the Engineer. They may be bent either at the shop or on the work. In special cases bending hot and annealing may be required.

Material Straightened in Shop.

Section No. 219. All material shall be straightened in the shop before being worked in any way.

Size of Rivets.

Section No. 220. The size of rivets called for on plans shall be understood to mean the actual size of the cold rivet before heating.

Rivet Holes.

Section No. 221. All holes shall be accurately spaced and punched. The diameter of the punch shall not be more than one-sixteenth (1-16) inch greater than the diameter of the rivet. The diameter of the die shall be as small as may be required to punch a clean hole.

Punching.

Section No. 222. Punching shall be accurately done. Drifting to enlarge unfair holes will not be allowed. If the holes must be enlarged to admit the rivet they shall be reamed. Poor matching of holes will be cause for rejection.

Sub-Punching and Reaming.

Section No. 223. Where sub-punching and reaming are required, the punch used shall have a diameter not less than three-sixteenths (3-16) inch smaller than the rivet. Holes shall then be reamed to a diameter not more than one-sixteenth (1-16) inch larger than the nominal diameter of the rivet. All reaming shall be done with twist drills after the material is assembled and firmly bolted together. The use of lubricants in reaming is not allowed.

Drilling.

Section No. 224. All material over seven-eighths (⅞) of an inch thick shall be drilled from the solid. Material over five-eighths (⅝) of an inch and not exceeding seven-eighths (⅞) of an inch in thickness shall be sub-punched and reamed. All other material may be direct punched.

Sheared Edges.

Section No. 225. Sheared edges of plates, exceeding five-eighths (⅝) of an inch in thickness in main members shall be planed at least one-eighth (⅛) of an inch where called for on plans.

Burrs Removed.

Section No. 226. All burrs shall be removed, and the members shall have all parts firmly drawn together with bolts before reaming or riveting is commenced.

Assembling.

Section No. 227. Riveted members shall have all parts well pinned up and firmly drawn together with bolts, before riveting is commenced.

Riveting.

Section No. 228. Rivets when driven shall completely fill the holes, and shall be machine driven wherever possible. They shall have full concentric heads or they shall be countersunk when so required. Rivet heads shall not be flattened to less than half the diameter of the rivet on the line of the shank unless countersunk. Loose, burned or otherwise defective rivets shall be cut out and replaced. In cutting out defective rivets, great care shall be taken not to injure the adjacent material. If necessary they shall be drilled out.

Distances from center of rivet to edge of sheared plate shall not be less than 1¼" for ¾" rivets and 1⅜" for ⅞" rivets; distances from center of rivets to a rolled edge shall not be less than 1⅛" for ¾" rivets and 1¼" for ⅞" rivets. The minimum pitch for ¾" rivets shall be 2½" and for ⅞" rivets 2⅞". When material is sub-punched and reamed the pitch for ⅜" rivets may be made 2¼" and for ⅞" rivets 2⅝".

Use of Bolts.

Section No. 229. Generally the use of bolts instead of rivets will not be permitted, but when used in special cases the holes shall be reamed parallel, and the bolts turned to a driving fit, with the threads entirely outside of the holes.

Templates.

Section No. 230. All holes for field rivets where called for on plans shall be sub-punched and accurately drilled to an iron template, fitted with bushings, or reamed and match marked while the connecting parts are temporarily assembled in the shop. In case of splices of upper chords or other compression members, the abutting ends shall be brought to a forcible bearing.

Finished Members.

Section No. 231. Finished members shall be true and free from kinks, twists or open joints. Ends of floor beams and stringers shall be finished square and true.

Rods Upset.

Section No. 232. Rods and bars which are to receive a thread shall be properly upset. Where threads are cut on steel, they shall be properly filleted.

Annealing.

SECTION No. 233. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed.

Abutting Surfaces Faced.

SECTION No. 234. All abutting surfaces shall be neatly planed or faced perpendicular to the direction of the strain, so as to insure even bearings, except where otherwise noted on the plans.

Stiffeners—Splice Plates and Fillers.

SECTION No. 235. Stiffeners of plate girders shall be faced on the ends and brought to a true contact bearing with the flange angles. Web splice plates and fillers under stiffeners shall be cut to fit within one-eighth (⅛) of an inch of flange angles.

Pins and Rollers.

SECTION No. 236. Pins and rollers shall be turned accurately to a gauge, and shall be of full size throughout. All pin-holes shall be bored truly and at right angles to the axes of the members to be connected, and shall fit the pins with a play not exceeding one thirty-second (1-32) of an inch, for pins over 5" in diameter and not exceeding one-fiftieth (1-50) of an inch for pins 5" and less in diameter.

Bed Plates Planed.

SECTION No. 237. Bed plates shall be planed. The bottom of the shoes shall be planed exactly parallel to the center line unless otherwise shown. The cutting of the planing tool shall be in the direction of expansion.

Details Boxed.

SECTION No. 238. Nuts, bolts, rivets and other similar material shall be boxed.

Weight Marked.

SECTION No. 239. The weight of every piece and box shall be plainly marked upon it.

Inspection.

SECTION No. 240. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship, with proper office facilities.

Contractor Responsible.

SECTION No. 241. The Inspector shall make detailed reports of his inspection to the Engineer and may notify the Contractor of any defects in the material or workmanship, but all acceptances made by him shall be considered temporary, and his inspection shall in no way relieve the Contractor of full responsibility for the character and accuracy of the work until its completion and final acceptance by the Engineer.

Errors in Plans.

SECTION No. 242. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Inspector's Office.

SECTION No. 243. The Contractor shall furnish for the use of the Inspector a suitably equipped office at the mills and at the shops.

Loading and Shipping.

SECTION No. 244. All parts shall be carefully loaded and protected from injuries during transportation by such means as will be satisfactory to the Inspector. After delivery of materials at the work the Contractor will be required to store the same on skids at least twelve (12) inches above the ground and to keep the same in good condition. Any piece showing injurious effects of rough handling at any stage until the final acceptance of the work may be rejected.

Payments for Steel and Cast-Iron.

SECTION No. 245. The prices to be paid for steel and cast-iron are as herein provided in Schedule Items 19, 20 and 21. These prices include the cost of the material delivered and erected in the work. These prices are to include also the cost of all necessary cleaning and painting (where painting is required) and of all other incidental work. The quantity of metal to be paid for shall be the number of pounds actually placed in accordance with the drawings or orders.

Miscellaneous Castings.

SECTION No. 246. For other castings, not included in the above and not including castings for sewer work or pipes, payment will be made as provided in Schedule Item 25.

SPECIAL WIRE FORMS.

SECTION No. 247. Special wire forms, of a type and weight to be approved by the Engineer, are to be furnished and placed around the lower flanges of the roof girders, and at other places as may be required, in order to hold the concrete in place.

Wire Forms, Payment For.

SECTION No. 248. Special wire forms, wherever used, will be paid for as stipulated in Schedule Item 26, which price is to include the material in place and all work necessary and incidental thereto.

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PAINTING.

SECTION No. 249. All metal work, excepting as otherwise herein provided, shall be painted with three coats of paint, including the shop coat, of kind and quality approved by the Engineer. Lead or carbon paint will generally be required for the last two coats.

Shop Coat.

SECTION No. 250. All iron shall be scraped free from scale, and receive one coat of red lead paint as herein specified, or other approved paint if directed by the Engineer, before leaving the shops. All surfaces which come in contact or are enclosed shall be painted before being assembled. All turned or faced surfaces shall receive a coat of white lead and tallow before leaving the shops.

Quality of Red Lead.

SECTION No. 251. The red lead shall be strictly pure, and shall contain at least 80 per cent. of "true lead" (Pb_3O_4). The color shall be a clean pure tint. The red lead shall be of the fineness that when washed with water through a No. 19 silk bolting cloth, not more than 1 per cent. shall be left on the screen.

Quality of Linseed Oil.

SECTION No. 252. The linseed oil must be absolutely pure, fully aged and ripened, well settled oil. It shall be perfectly clear on receipt, and after heating to 212 degrees Fahr. on a current of hydrogen, shall not show a deposit of foots nor a loss of over 0.4 per cent. for raw oil, nor over 0.2 per cent. for boiled oil. The specific gravity at 60 degrees Fahr. for raw oil shall be between 0.932 and 0.937, and for boiled oil between 0.936 and 0.940.

Original Packages.

SECTION No. 253. All material shall be delivered, inspected and sampled in original packages.

Proportions in Mixture.

SECTION No. 254. Red lead paint shall be mixed in the proportion of 500 lbs. of red lead to 5½ gallons of boiled linseed oil, and 11 gallons of raw linseed oil.

Damaged Shop Coat to be Renewed.

SECTION No. 255. Where the shop coat has become damaged before or after erection, through any cause whatever, it shall be renewed with the same kind of paint as originally used, such renewal to be considered only as a part of the original shop coat. If the Engineer so directs on members or parts of members buried in concrete the shop coat will be omitted.

Structural Steel and Rods.

SECTION No. 256. Structural steel and rods to be imbedded in concrete shall be protected from the weather before being put in place, and shall be cleaned and scales removed before being incased in the concrete. Rods shall not be painted.

Second Coat Carbon Paint.

SECTION No. 257. The second coat of paint shall be a carbon paint approved by the Engineer. It shall be applied after erection, but not until the metal has been cleaned from dirt or other objectionable matter that may be found thereon.

Metal to be Cleaned After Erection.

SECTION No. 258. After erection the metal shall be thoroughly cleaned of all dirt, rust or scales by stiff wire brushes or sand blasts, as directed, and afterward dusted and thoroughly and evenly painted as described above. No paint shall be applied until the cleaning has been passed upon by an Inspector.

Third Coat.

SECTION No. 259. Between stations the exposed members shall be given a third coat, which shall be a carbon paint of a color and quality approved by the Engineer.

Third Coat, When Applied.

SECTION No. 260. The third or finishing coat shall be applied to all exposed surfaces of the metal after its erection, and after a completion of the masonry or other work; it shall be applied at such time after such completion and before the final acceptance of the work as in the judgment of the Engineer may be advisable. The several field coats shall be sufficiently tinted to be distinctive.

Surfaces in Contact.

SECTION No. 261. Surfaces of exposed members inaccessible after erecting, shall be cleaned and painted before erecting.

Recesses, etc.

SECTION No. 262. All recesses that might contain water, or through which water could enter, must be filled with thick paint or a waterproof cement of ground skins before receiving final painting.

SECTION No. 263. All surfaces so close together as to prevent the insertion of a brush must be painted thoroughly by using a piece of cloth, if necessary.

Rainy or Freezing Weather.

SECTION No. 264. No painting in rainy or freezing weather or on wet surfaces will be permitted.

Payments.

SECTION No. 265. Payment for painting is included in the prices for steel and iron.

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DRAINS AND PUMPS.

Railroad To Be Drained.

SECTION No. 266. Every part of the Railroad must, so far as possible, be so arranged that any water finding access thereto will be led away automatically to the City sewers.

SECTION No. 267. Where the Railroad is on an inclined gradient, and is constructed in dry, porous soil, the floor of the Railroad may be depended on to act as a conduit. At the bottom of the inclined gradient connections must be made with a sewer or with subdrains lying beneath the Railroad and draining into the sewers.

Sub-drains.

SECTION No. 268. Along such parts of the work where the soil is not porous, or where the floor of the Railroad cannot, in the judgment of the Engineer, be used as a conduit, there shall be laid, beneath the rail level and on a continuous descending gradient, drain pipes of vitrified salt-glazed stoneware, of the quality described in these specifications for sewer pipe. These drain pipes shall be of such diameter not exceeding twelve (12) inches, as the Engineer may direct, and there shall be one (1) such drain for each two (2) tracks. Each drain shall be laid in the concrete or directly in the soil with tight or open joints, as directed, and in such manner and in such position as, in the opinion of the Engineer, local circumstances require.

Connections and Cross Drains.

SECTION No. 269. Where drain pipes connect with the City sewers, the junction shall be protected by suitable traps, and back-pressure valves or gate valves where necessary, to prevent back rush of water or gas from the sewers. Connections with the Raiload shall be as necessity demands and all as directed by the Engineer. Cross drains to connect with the main drains will be placed at such places and in such manner as the Engineer shall direct; also vertical drains at the sides of the Railroad. These drains shall be of vitrified pipe or of cast iron, as directed.

Broken Stone for Drainage.

SECTION No. 270. Broken stone shall be placed for the purposes of drainage, as indicated on the plans or as required by the Engineer.

Sumps.

SECTION No. 271. At the low points of the grade of the Railroad where the same passes below the bottom of adjacent sewers there shall be constructed sumps connected with the subdrains or the floor of the Railroad. Such sumps must be watertight, with a capacity of not less than eight hundred (800) gallons each.

Pumps for Tunnel Drainage.

Section No. 272. Adjacent to each sump a suitable enclosure shall be provided in which two pumps shall be installed, each of which shall have ample capacity to remove all the water entering the sump at that point under ordinary conditions. These pumps shall be arranged to operate automatically. Under this contract the Contractor will only furnish the pumps required and set them in place as directed, including the necessary pipe and drainage connections between the sumps and sewers.

The pumps shall be of the capacity required by the Engineer.

Capacity.

Section No. 273. If in the opinion of the Engineer the service requires it, each of these pumps shall be able to remove from the sump eight hundred gallons per minute.

Delivery to Sewers, etc.

Section No. 274. The delivery of such pumps shall be into the City sewers, and all piping, valves, etc., in connection therewith, shall be installed as a part of this contract.

Payment for Drains, Broken Stone, Pumps, etc.

Section No. 275. All drains shall be measured in place and the actual net length as laid for each class of drain will be paid for as herein provided in Schedule Item 17 and 17-A. The prices therein provided for each class of pipe will include providing and laying the pipe and all specials of any nature whatsoever, such as bends, tees, wyes, handholes, etc., and all material necessary for jointing the same. Where back-pressure valves or gate-valves are required the cost of setting the same will be included in the above, but the Contractor will be paid in addition the actual net cost of such valves plus ten (10) per cent.

Section No. 276. For broken stone for drainage, furnished and placed, section No. 270 payment will be made as provided in Schedule Item 14.

Section No. 277. For pumps, Section No. 272, the Contractor will be paid as provided in Article XII of the contract including the pipe connections with sumps and sewers.

The station drainage also must be arranged for as prescribed in Section No. 269.

Soil Pipes for Stations.

It will be necessary to lay soil pipes in the floors and walls of the stations. These pipes are to be cast iron, "extra heavy." They will be placed in positions as shown on the plans and will be paid for as provided in Schedule Item 34.

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SEWERS.

In Accordance with Plans and Specifications.

Section No. 278. All sewers and appurtenances shall be built of the materials, of the sizes and dimensions, on the lines and grades, at the depths, with the connections, and in the manner called for by these specifications and shown on the drawings.

Change of Location.

Section No. 279. If, in the opinion of the Engineer, it is impracticable during the progress of the work to construct any sewers, manholes, or other appurtenances, according to the contract drawings, owing to the presence of unknown subsurface structures or other contingencies, the Contractor shall construct such sewers, manholes or appurtenances in the location given by and according to the directions of the Engineer.

General Clauses Apply.

Section No. 280. The general clauses in this contract relating to excavation, backfilling, cement, mortar, masonry, waterproofing, piling, timber work of all kinds, care of streets and public places, maintenance of surface, subsurface and overhead structures, protection of persons and property, repaving or restoring of the surface of the street or other public places (except, in the case of off-line sewers, the temporary roadway pavement between curbs and work incidental thereto), responsibility of the Contractor, authority of the Engineer to examine and condemn materials, and the power of the Commission and the Engineer in all or any other respects to enforce this contract, apply to the construction and reconstruction of sewers, water mains or pavements, unless specifically amended or exempted, both along the route occupied by the Railroad and elsewhere.

No Claims for Damages.

Section No. 281. Should postponement or delay be occasioned by the precedence of paving or other contracts, which may be either let or executed by the Borough President, Commissioner of Water Supply, Gas and Electricity, or other heads of departments, either before or after the execution of this contract, on the line of the work, no claims for damages therefor shall be made or allowed; nor shall any claim for damages be made or allowed in consequence of the street or the adjoining sewers not being in the condition contemplated by the parties at the time of making the contract, except that if the Contractor shall be delayed in the performance of his work by reason of the street or the adjoining sewers not being in such condition, an allowance of time may be given for the completion of the work as elsewhere provided in this contract.

Size of Trenches.

Section No. 282. The trenches for sewers and basin culverts both in earth and in rock, in streets along the route of the Railroad, shall have vertical sides and shall be six inches wider than the greatest external width of the sewer or its foundation on the side farthest away from the subway; and in other streets the trenches shall have vertical sides, and shall be six inches wider on each side than the greatest external diameter of the sewer, but shall be not less than three feet in width. They shall be excavated to the depth and to the form of the sewer or its foundation. Payments for excavation will be based on the requirements as above.

Limit of Trench Opening.

Section No. 283. Not more than one hundred (100) feet of trench in sewers off the line of the railroad shall be opened at any one time in advance of the sewer already completed, unless by permission of the Engineer, and for a distance specified.

Excavation Completed in Advance.

Section No. 284. The excavation of trenches shall be fully completed a sufficient distance in advance of the laying of the sewer, and the exposed end of the sewer shall in all cases be fully protected.

Trenches for Manholes and Receiving Basins.

Section No. 285. Where the foundation for a manhole or a receiving basin extends beyond the line of such manhole or receiving basin, the excavation required in earth shall be to the lines of the smallest rectangle enclosing the full dimensions of the exterior of the foundation, and shall have vertical sides to the surface, but it shall, in all cases, be six inches larger than the greatest external dimension of the manhole or receiving basin. In rock excavation, the trench shall be six inches larger than the greatest external dimension of the manhole or receiving basin, and shall have vertical sides to the surface.

Foundations.

Section No. 286. Where the ground does not afford a sufficiently solid foundation, the trench shall be excavated to such increased depth as the Engineer may deem necessary, and this extra depth, and all other irregularities in the bottom of the trench, shall be filled up to the required level and form, with such material, and in such manner, as the Engineer shall direct. If so directed, piles shall be driven and a timber or reinforced concrete foundation shall be constructed, as elsewhere provided in these specifications, to support the sewer.

Inspection of Grades.

Section No. 287. When the trench is properly prepared, and before laying any sewer, the Contractor shall notify the Engineer, who will, thereupon, cause the grades for the sewer to be tested, and if correct the sewer shall then be laid in the presence of a duly authorized inspector, and no construction work shall be done in his absence.

Trenches to be Kept Free From Water.

Section No. 288. The trenches shall be kept entirely free from water while the foundation and the masonry are being constructed or the sewer laid. In no case shall water be allowed to flow over the invert or foundation or through the sewer until the mortar is thoroughly set.

Gutter and Passageway to be Kept Open.

Section No. 289. At all times, gutters shall be kept open for surface drainage, and the streets and sidewalks shall be kept clear and free for the passage of carts, wagons, carriages and street or steam railroad cars or pedestrians, and as otherwise provided in these specifications.

Cross-walk, Side-walk and Roadway to be Kept Clear.

Section No. 290. Where any cross-walk or roadway is cut by the trench, it shall be temporarily replaced by a timber bridge with side railings, according to the direction and approval of the Engineer. The work shall at all times be conducted so as to cause as little inconvenience as practicable to the public.

Disposition of Paving Material.

Section No. 291. All curb, gutter, flagging, paving and macadam stones, necessary to be removed, which in the judgment of the Engineer are suitable to be used again, shall be stored in such places as the Engineer shall direct, or shall be removed as provided in these specifications; in all cases a passageway on the sidewalks and in the roadway shall be preserved free from needless obstructions.

Flow of Sewers to be Maintained.

Section No. 292. The Contractor shall provide for the flow of all sewers, drains and water courses interrupted during the progress of the work, and shall restore and make good all connections, and shall immediately cart away all offensive matter, in such manner and with such precautions as the Engineer may direct. All temporary house connections shall be made by closed iron pipes, with suitable provision for preventing leakage at joints. Wooden troughs for such connections will not be permitted.

Brick.

Section No. 293. In the construction of brick masonry none but the best quality of common brick burned hard entirely through, regular and uniform in shape and size and of compact texture, shall be used. They shall be culled as they are brought on the ground, and bats and bricks of improper quality are to be removed from the work. A limited number of bats may be used in manholes and closures, and in the outer ring of the sewers where more than two rings of bricks are required.

How Laid.

Section No. 294. The bricks shall be properly wet immediately before laying. Every brick is required to be laid in a full joint of mortar, made as described in these specifications, on its bed, end and side, at one operation. In no case is mortar to be slushed or grouted in afterward. The bricks shall be neatly and truly laid, every second course to line, and the joints to be carefully struck on the inside.

Racked Back or Toothed.

Section No. 295. All brick work, as it progresses, shall be racked back in courses, and in no case will it be allowed to be toothed, unless by special permission from the Engineer.

Brick or Stone Inverts.

Section No. 296. All inverts, or bottom curves, shall be formed from profiles accurately made according to the dimensions of the sewer, and correctly set according to the grades furnished. The masonry shall be allowed to set for twenty-four (24) hours before the arch is turned. Vitrified brick or granite paving blocks shall be used for the inner ring of the invert when required by the Engineer, and whenever so used they must be thoroughly jointed, so as to be water-tight along the inner surface of the sewer. The last course of the invert masonry below the springing line shall be laid as headers.

Brick Arches.

Section No. 297. The arches or upper curves shall be formed on strong centres of correct form, according to the sizes and shapes required, and keyed with stretchers in full joints of mortar. The extrados of the arch shall be plastered with mortar one inch thick, mixed in the proportion of one part of cement to two parts of sand. The centres shall not be removed or withdrawn in less than thirty-six hours, or until the work is thoroughly set, and until the filling in of the arch is properly put into place to a depth which is at least one foot above the crown of the arch. The centres in all cases shall be struck and not drawn, so as not to crack or injure the work. Should any crack or settlement appear in the arch after the centres are removed, so much of the work as the Engineer may require shall be taken down immediately and replaced.

Spurs.

Section No. 298. Vitrified or iron sewer pipes or spurs, equal in every respect to those described elsewhere in these specifications, and of a size required by the Engineer, but not less than six inches interior diameter with hubs moulded for house connections, and of sufficient length to project at least four inches beyond the exterior of the sewer, shall be built into the walls of brick sewers and at such an angle as indicated on the plan, or as the Engineer may direct.

How Built In.

Section No. 299. Spurs shall be built in wherever similar house connections exist in the present sewer which is to be reconstructed under this contract, but in no case shall the distance be more than twenty feet between spurs. In the case of the construction of new sewers where no sewers existed previously, except sewers crossing intersecting streets, they shall be built opposite each house, and where there are no houses, they shall be not more than fifteen feet apart on each side of the sewer or at such frequent intervals as local conditions may require. They shall be set so that their inner ends shall be flush with the inner face of the sewer, at such height in the walls as the Engineer may direct, and each pipe shall be sealed on the outside with an approved earthen-ware cover set in mortar.

Iron Chair Spurs.

Section No. 300. Where the sewers to be built under this contract will be at a depth greater than thirteen feet below the established grade of the street (or below the surface of the street where final grades have not been established), cast iron chair spurs, of the design shown on the drawings, not less than six inches in diameter and of the weight of extra heavy soil pipe, shall be used unless otherwise ordered by the Engineer. Where house drains are to be connected to these spurs, extra heavy soil pipe and fittings shall be used for the riser between the spur and the house drain. Where the spurs are provided for future connections, risers of extra heavy soil pipe shall be placed in each spur and shall be brought to a point thirteen feet below the established grade of the street, the end of which shall be sealed with an approved cover laid in cement mortar. The joints of this pipe shall be packed, leaded and caulked in accordance with these specifications for laying water-mains.

Under Another Structure.

Section No. 301. Wherever the sewer passes under another structure, extra heavy soil pipe (Schedule Item 17-A) shall be laid from the spur to the outside of such structure, brought up to a point thirteen feet below the established grade of the street, caulked and sealed as provided above. All pipes passing under such structures shall be laid in concrete.

Concrete Sewers, Form, Dimensions and Materials.

Section No. 302. If, during the construction of the sewers, it is deemed advisable to interchange concrete and brick, the Contractor may, with the approval of the Engineer, build such sewers of either kind and quality herein specified.

Steel Bars Used if Ordered.

Section No. 303. Concrete sewers shall be reinforced with steel bars, if so indicated on the plans or directed by the Engineer.

Profiles and Inverted Centres for Inverts.

Section No. 304. Proper profiles for the concrete inverts shall be set up at the required distances, and the concrete for the bottom and invert of the sewer shall be deposited in place and rammed and worked down to the required shape. The concrete for the bottom and invert, if so directed, shall be placed in alternate lengths extending between every other pair of profiles, so that opportunity may be given to properly work the concrete in place.

Invert to be Protected.

Section No. 305. The concrete of the invert shall be protected during the progress of the work with planking, or by such other suitable methods as the Engineer shall direct and for so long a time as he may require.

Forms, Moulds, etc.

Section No. 306. Suitable forms or moulds, of the size and design to be approved by the Engineer, shall be provided by the Contractor to support the concrete of the side walls and roof while the same is being rammed into the permanent work.

Defective Work.

Section No. 307. If any voids, or irregular or defective work is discovered upon removing the forms or moulds, such voids or work shall be cut out and filled with a rich concrete or mortar mixed in such proportions and of such materials as provided elsewhere in these specifications.

Joints.

Section No. 308. No joints between different sections of the walls of a sewer shall, in any case, be a straight line, but shall always be stepped or toothed so as to give a broken joint in the manner to be approved by the Engineer.

Spur Pipes, Branches, etc.

Section No. 309. In so far as they will be applicable to sewers constructed of concrete, the provisions and requirements for spurs, branches, etc., in brick sewers shall be understood to govern in such construction.

Vitrified Pipe Sewers—Quality of Pipe.

Section No. 310. Tile pipe sewers shall be built of vitrified salt glazed stone-ware pipe, with extra deep and wide sockets and corrugated spigot ends. The pipe shall be of the best quality, thoroughly and perfectly burnt, without warps, cracks or imperfections, well and smoothly glazed over the entire inner and outer surfaces and perfect in shape. The pipe shall be subject to all tests ordered in conformity with any requirements of the Bureau of Sewers of the Borough in which the work is located, at any time previous to its being used.

Section No. 311. The size of the pipes shall be designated by their interior diameters. Each pipe shall be a true cylinder, and of even thickness throughout, and shall conform to the following scheduled dimensions:

Double Strength Pipe; Extra Deep and Wide Sockets.

Dimensions.

Diameter.	Thickness of Shell.	Depth of Socket.	Length of Plain Straight Pipe.	Weight of Pipe Per Foot.	Annular Space.
Inches.	Inches.	Inches.	Feet.	Pounds.	Inches
6	5/8	2½	2	16	5/8
8	3/4	2¾	3	25	5/8
10	7/8	2¾	3	37	5/8
12	1	3	3	45	5/8
15	1¼	3	3	75	5/8
18	1½	3¼	3	118	5/8
20	1⅔	3½	3	148	5/8
22	1⅝	3¾	3	157	5/8
24	2	4	3	190	5/8

"Specials."

Section No. 312. All "special" vitrified pipe shall conform to the dimensions given for plain straight pipe.

Spur Pipes.

Section No. 313. Pipes having spurs not less than six inches in diameter with hubs moulded thereon for house connections shall be furnished and laid at such points as indicated on the plan or as directed by the Engineer, and when not immediately used, they shall be sealed on the outside with approved vitrified earthenware covers set in mortar.

Risers.

Section No. 314. The provisions for risers on brick sewers shall also apply to pipe sewers.

Pipe Sewers, How Laid.

Section No. 315. All pipes shall be laid in concrete cradles of the required form and dimensions. The minimum thickness of concrete under the outside of the shell, or barrel, shall be six (6) inches. The first layer of concrete shall be for the full width of the cradle and deposited continuously to the height of the outside bottom of the shell of the pipe; before the concrete has set the pipe shall be firmly bedded therein true to line and grade, and the remainder of the concrete immediately deposited and carefully tamped in such a manner as to avoid disturbing the sewer. The ends of the pipes shall abut against each other and in such manner that there shall be no shoulder or unevenness of any kind along the bottom half of the sewer on the inside. Unless otherwise ordered, not less than fifteen feet of pipe shall be laid at any one time, in any one length of trench, and it shall be exposed for at least twenty-four hours for inspection.

Jointing.

Section No. 316. Before inserting the spigot end of the pipe into the hub or socket, the lower half of each socket shall be plastered on the inside with a layer of cement mortar mixed in the proportion of one part of cement to one and one-half parts of sand and of a sufficient thickness to bring the inner bottom surfaces of the abutting pipes flush and even with the established flow line. After pipes are fitted, the space between the inside of the upper half of each socket and the outside of the entering pipe shall be filled with cement mortar, mixed as above specified, and the outside of the joint shall be thoroughly sealed with the same kind of mortar and the joints carefully wiped to a smooth bevel outside, and all mortar that may be left on the inside of the pipe must be thoroughly removed and the inside of the pipe left clean and smooth throughout.

Pipes to be Cut.

The ends of pipes, which enter masonry, shall be neatly cut to fit the face of the masonry. When directed, such cutting shall be done before the pipes are built in.

Iron Pipe Sewers.

Section No. 317. Sewers of iron pipe, of quality and laid in the manner described elsewhere in these specifications for the laying of water mains, shall be laid wherever indicated on the plans or at such places as the Engineer shall direct.

Special Castings.

Section No. 318. Wherever such pipes are laid through vaults, they shall, when required by the Engineer, be provided with special castings for manholes, which shall be fitted with a cover bolted on so as to make an air-tight joint, according to the plans to be furnished by the Engineer.

Ventilators.

Section No. 319. Whenever, in the opinion of the Engineer, it becomes necessary to provide ventilation for sewers under other structures, iron pipe shall be laid from the sewer to the surface of the street and fitted with proper gratings, according to the plans to be furnished by the Engineer.

Connections.

Section No. 320. All existing sewers, culverts, drains and house connections intercepted by the proposed sewers, culverts or receiving basins shall be connected with the new work by proper curves and grades and in such manner as the Engineer shall direct; and all drains, basins or culverts rendered unnecessary or becoming disused by the work herein contemplated shall be filled in and made solid with good wholesome earth in the manner directed. Provision shall also be made for the connection of future sewers or basins by constructing brick spurs or inserting vitrified pipe at the points indicated on the contract drawings and at other points as the Engineer may direct. These connections shall be closed with bulkheads not less than eight inches in thickness and of the quality specified for brick masonry.

Fresh Work to be Protected.

Section No. 321. All fresh work shall be carefully protected from injury in every way. No wheeling or walking will be allowed on it and any portion injured must be relaid by the Contractor; no walking or working over the pipes after they are laid, except as may be necessary in tamping the earth and refilling, will be allowed until there is at least two and one-half feet of earth over them.

Pipes to be Kept Clean.

Section No. 322. The interior of pipe sewers shall be carefully freed from all dirt, cement and superfluous material of every description as the work progresses, for which purpose a disc, mould or plate, attached to a rod sufficiently long to pass two joints from the end of the pipe last laid, shall be continuously worked through.

Exposed Ends of Pipes to be Protected.

Section No. 323. The exposed ends of pipe sewers shall, in all cases, be protected with a board or other stopper carefully fitted to the pipe, to prevent earth or other substances from washing in, and in no case shall brick or stone be used for that purpose.

Manholes.

Section No. 324. The masonry of manholes shall be carried up so that the top of the iron head when set shall be at the level of the established grade of the street at that point or to such height as the Engineer may direct, and from templates correctly made and set at top and bottom, between which not less than eight lines shall be drawn. Where manholes are not built to the established grade of the street, they shall be covered, when necessary, by selected bluestone slabs, eight inches in thickness, to support the manhole heads. All joints shall be neatly struck and pointed on the inside. Each manhole shall be plastered thoroughly on the outside with cement mortar one inch in thickness, mixed in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 325. The foundations for manholes shall be of concrete or masonry of the kind indicated on the plans and shall be not less than twelve inches below the invert elevation of the sewer, except as otherwise indicated on the plan. When foundation additional to that indicated on the plan is required, it shall be built as directed by the Engineer.

Section No. 326. Sewer pipes shall be built in and trimmed, when necessary, so as to be flush with the inner face of the manhole, and an arch, laid in cement mortar, shall be turned over the pipe.

Vitrified Bricks or Granite Blocks.

Section No. 327. The invert shall be built of vitrified brick, granite blocks or concrete masonry, as indicated on the contract drawings.

Use of Bats.

Section No. 328. A reasonable number of bats not smaller than half bricks may be used in the construction of manholes or receiving basins, provided all interstices are thoroughly filled with mortar.

Steps.

Section No. 329. Standard steps of good quality of galvanized wrought iron, of the size, length and shape required for steps, shall be built into the interior sides of all manholes at a distance apart of not more than fifteen (15) inches vertically and they shall be so arranged that the lowest step shall be not more than two feet above the bench at the bottom of the manholes nor more than two feet above the invert of the sewer where there is no bench. Each manhole head shall be cast with a wrought iron step on the inside, when directed by the Engineer.

Bluestone.

Section No. 330. Hammer-dressed bluestone shall be furnished and laid of the form and thickness required as indicated on the plans or as otherwise directed.

Manhole Head and Cover.

Section No. 331. A cast-iron manhole head and cover of the quality specified for cast-iron, and except in special cases, of the pattern adopted by the President of the Borough in which the work is located, and in dimensions, weight and all other respects satisfactory to the Engineer shall be fitted on a bed of mortar to each of the above described manholes. Manhole heads and covers which do not conform to these specifications shall be at once removed from the work.

Perforations.

Section No. 332. Covers to be used on manholes in the street shall be perforated. Those used on sidewalk manholes shall be tightfitting, without perforations.

Weights.

Section No. 333. Each manhole head and cover shall have its weight distinctly marked upon it with oil paint. The following shall be allowed as the minimum and maximum weights:

Street manhole head, 475 to 500 pounds;
Street manhole cover, 135 to 150 pounds;
Sidewalk manhole head, 300 to 310 pounds;
Sidewalk manhole cover, 100 to 110 pounds.

Noiseless Heads and Covers.

Section No. 334. When the pavement of the street is asphalt or wooden block, the manhole shall be fitted with a noiseless head and cover, to be approved by the Engineer, where new heads and covers are necessary.

Sealed Manhole Heads and Covers.

Section No. 335. All manholes in vaults or other structures shall be provided with sealed manhole heads and covers according to the design indicated on the plans.

Emergency Manholes.

Section No. 336. Where a sewer crosses under the subway, emergency manholes shall be provided when directed by the Engineer and according to plans to be furnished by him.

Manholes to be Completed.

Section No. 337. Manholes shall in all cases be fully and completely built and fitted with their covers as the work progresses, and the sewers shall not be laid beyond or in advance of any uncompleted manhole.

Receiving Basins.

Section No. 338. Receiving basins shall be built as located on the plans or as the Engineer shall direct and in accordance with the plans to be furnished. Each portion of the basin shall be built of the size and materials designated on said drawings and shall be thoroughly plastered, both inside and outside, with cement mortar in the proportion of one part of cement to two parts of sand.

Foundations.

Section No. 339. The foundations for receiving basins shall be of concrete or masonry of the kind indicated on the plans and shall extend not less than twelve inches below the finished floor of the basin, except as otherwise indicated on the plans. When additional foundation is required, it shall be built as directed by the Engineer.

Stone Flooring.

Section No. 340. The flooring shall be of hammer-dressed North River bluestone flagging, not less than three inches thick, in not more than two pieces, and shall be well set in a full bed of mortar and rammed into place. The floor may be fresh, upon the concrete base and before the latter shall have reached its first set; it shall be in such quantity that after thorough manipulation it shall be one inch in thickness.

Head Stone and Gutter Stone.

Section No. 341. Where head stone and gutter stone are required they shall be of sound, durable granite of the dimensions indicated on the plan, hammer dressed to an even surface and cut to the satisfaction of the Engineer. Cast-iron basin heads and gutter pieces of the design indicated on the plans shall be set instead of the above when required.

Cast-iron Cover.

Section No. 342. A cast-iron cover of approved pattern weighing not less than eighty nor more than ninety-five pounds shall be fitted to the opening in the head stone.

Grate Bar.

Section No. 343. A grate bar made according to the plan shall be fastened solidly into the said head stone in the manner indicated.

Cast-iron Trap.

Section No. 344. A cast-iron trap of the form and dimensions indicated on the plan free from imperfections, and properly coated with coal pitch varnish shall be furnished and built into place as directed by the Engineer.

Joints.

Section No. 345. The joints shall be tightly fitted with an oakum gasket or with cement mortar if so directed.

Iron Steps.

Section No. 346. Galvanized iron steps of the same design required for manholes shall be built into the walls.

Culvert Pipes.

Section No. 347. The culvert pipe for connections with sewers shall be 12-inch vitrified pipe unless otherwise indicated on the plan, and of the kind and quality previously described, and shall be laid, in all cases, in a concrete cradle of the form and dimensions required for pipe sewers in accordance with the directions of the Engineer. In case it becomes necessary to connect any basin already built, with the work to be constructed, so much of such culverts as in the opinion of the Engineer, may be necessary shall be taken up and rebuilt or relaid with vitrified pipe, or brick as the case may be, in the manner described above and reconnected in a straight line from the basin to the sewer.

Flush Tanks.

Section No. 348. Automatic flush tanks of a type approved by the Engineer shall be built where indicated on the plans or where directed by the Engineer.

Waterproofing.

Section No. 349. Whenever, in the opinion of the Engineer, it is necessary to waterproof a sewer, chamber or receiving basin, or their appurtenances, it shall be done as indicated on the plans or as directed by the Engineer and in the manner described elsewhere in these specifications.

Mortar.

Section No. 350. All masonry shall be laid in Portland cement mortar of the quality described in these specifications. It shall be mixed in the proportion of one (1) part of cement to two (2) parts of sand, excepting as otherwise specially provided.

Concrete.

Section No. 351. All concrete for sewers shall be made in the proportion of one (1) part of cement to two and one-half (2½) parts of sand and four and one-half (4½) parts of stone of the quality described in these specifications.

Paving.

Section No. 352. On the completion of each section of one hundred feet of sewer the sidewalks and roadways shall be restored as provided under specification Subdivision 22, Surfaces Restored.

Permits for Connections.

Section No. 353. The Commissioner of Public Works shall have the right to connect any sewer or sewers with the sewers herein described or to grant permits to any person or persons to make connections therewith at any time before it is finally completed, and the Contractor shall not interfere with or place obstructions in the way of such person or persons as may be employed in building such new sewer or sewers or in making such connections. This is not to be construed, however, as permitting the introduction of storm water or sewerage into any sewer being constructed under this contract before its final completion.

Thoroughly Cleaned.

Section No. 354. During the progress of the work, and until the entire completion and final acceptance thereof, the sewers, drains, basins, culverts and connections shall be kept thoroughly cleaned throughout, and left clean, and the drainage of any old sewer that may be taken up or intercepted shall be provided for and taken care of by the Contractor, all at his own expense.

Payment for Sewers.

Section No. 355. Payment for sewers will be per lineal foot of sewer complete as herein provided in Schedule Items 37 to 40, 40-A, 41 to 43, 45 and 52, except as hereinafter specifically provided. The price for each class of sewer is to include each and every item applicable thereto as herein given in sections Nos. 278 to 354 of these specifications and as otherwise provided in the contract and as indicated on the plans; excepting as is hereinafter specially provided.

Excavation.

Section No. 356. In addition to the price per lineal foot for completed sewer, as above provided, excavation will be paid for at the prices herein stipulated in Schedule Items 2-A and 3-A (which prices shall include all the matters referred to in Section No. 92, except, in the case of off line sewers, the temporary roadway pavement between curbs and work incidental thereto), on the basis of size of trench stipulated in Sections Nos. 282 and 285. Payment for street surface restored shall be as provided in Schedule Item 30.

Steel Beams and Reinforcing Rods.

Section No. 357. Where steel beams or reinforcing rods are required and ordered, such beams and rods will be paid for in addition to the price bid for the sewer and at the prices herein stipulated for furnishing and placing such material and all work incidental thereto, in Schedule Item 20 or 21.

Automatic Flush Tanks.

Section No. 358. Where automatic flush tanks are built as provided in Section No. 348 of the specifications they will be paid for as herein provided in Article XII of the contract.

Waterproofing.

Section No. 359. Where waterproofing is required and placed in accordance with Section No. 349 of the specifications it will be paid for at the prices herein stipulated for waterproofing, Schedule Item 15 or 16.

Siphons.

Section No. 360. Where inverted siphons passing under the subway structure are called for and built, they shall be considered as part of the regular subway construction from outside to outside of the sewer chambers or between points of departure from standard sewer construction, such limits being indicated on the plans; and payment for such siphons will be made in accordance with the various classes of work or material as are applicable thereto in the schedule and at the price therein stipulated for such items.

Cast-iron Pipe Sewers, etc.

Section No. 361. All cast-iron pipe sewers wherever built, and the parts within the limits of the Railroad, when indicated on the plans, of all other sewers crossing over or under the Railroad, will be paid for in accordance with the various classes of work or material applicable thereto in the Schedule and at the prices stipulated therein for such classes of work or material.

House and Drainage Connections.

Section No. 362. The cost of the maintenance, support or construction of all house or other drainage connections made necessary by construction under Sections Nos. 360 and 361 will be included in the prices for the several classes of work and material entering into such construction.

Sewers Under Station Platforms.

Wherever a sewer passes under a station or station platforms, all the requirements with respect to extra heavy soil pipe, special manhole castings, ventilating pipes, and sealed manhole covers, as included in Sections Nos. 301, 318, 319 and 335, respectively, apply in every respect.

finished with cement mortar mixed in the proportion of one part of cement to one part of sand if so directed by the Engineer. The mortar shall be spread, while

REQUIREMENTS FOR PIPES.

Generally.

Section No. 363. Whenever it is necessary to relay any water main, all new

material required for the same shall be of the quality and laid in the manner specified below, and subject to the various clauses of these specifications applicable thereto.

Pipes to be Cylinders.

Section No. 364. The pipes shall be circular cylinders, with the inner and outer surfaces concentric, and of the full interior diameter required.

Hubs and Spigots.

Section No. 365. The hub or socket and the spigot end shall be shaped in exact conformity with the standards of the Department of Water Supply, to be furnished by the Commission, and will be tested by circular gauges.

Section No. 366. The seat or shoulder of the socket and the end of the spigot shall be straight and even, and at right angles to the axis of the pipe, so as to make a smooth, tight joint. Special care will be required in making the sockets and spigots to conform to the drawings and all pipes will be rigorously inspected at these points. No pipe will be received whose eccentricity at either the spigot or socket ends, exceeds one-eighth (⅛) of an inch, or whose dimensions differ by more than one-eighth (⅛) of an inch from those required.

Section No. 367. The pipes shall be designated by dimensions of the interior diameter.

Section No. 368. Bands, lugs, buttons, or ribs shall, if required, be cast on the pipes, of such forms and dimensions as the Engineer may direct.

Length of Pipe.

Section No. 369. The straight pipe shall be twelve (12) feet long, exclusive of hub; other pipe as may be directed.

Section No. 370. All straight pipes shall be straight in the direction of the axis of the cylinder.

Thickness and Weights.

Section No. 371. The thickness of the pipes, branches and special castings shall correspond with the standards of the Department of Water Supply. The weight for straight pipe shall be as follows:

60-inch pipes, special.
48-inch pipes, 9,886 pounds each.
42-inch pipes, special.
36-inch pipes, 5,920 pounds each.
30-inch pipes, 4,460 pounds each.
24-inch pipes, 2,965 pounds each.
20-inch pipes, 1,979 pounds each.
16-inch pipes, 1,458 pounds each.
12-inch pipes, 1,018 pounds each.
8-inch pipes, 542 pounds each.
6-inch pipes, 416 pounds each.

High Pressure Fire System.

Section No. 372. For high-pressure fire system standard spigot and grooves—The weights for straight pipes, with lugs, shall be as follows, in pounds per length:

	Of 3 ft.	Of 4 ft.	Of 6 ft.	Of 12 ft.
8-inch	355	420	550	935
12-inch	615	745	1,000	1,765
16-inch	1,005	1,215	1,635	2,905
20-inch	1,475	1,795	2,425	4,320
24-inch	2,105	2,585	3,535	6,385

All requirements as to weights, laying, tests, etc., shall be in strict accordance with the standard requirements of the Department of Water Supply, Gas and Electricity.

Section No. 373. The thickness of the metal of the pipes and special castings will be tested by calipers after the castings have been freed from sand and cleaned.

Variations in Thickness.

Section No. 374. No pipe will be received when the thickness of metal is less by more than one-twelfth (1/12) of an inch than the thickness required by the standards.

Variation in Weights of Castings.

Section No. 375. Any straight pipe, the weight of which is deficient by more than the following stated percentages of the standard weight, will be rejected:

For pipe 16" or less in diameter, 5%.

For pipe over 16" in diameter, 4%.

Excess weight in any one pipe not to exceed the above stated percentages will be paid for. The total weight, however, to be paid for shall not exceed for each size of pipe received the sum of the standard weights of the same number of pieces of the given size by more than two (2) per cent.

(The term "Standard Weight" as above used in connection with straight pipe shall be taken to mean the standard weight corresponding to the actual laying length of the pipe as furnished.)

Any special casting the weight of which is deficient by more than the following stated percentages of the standard weight will be rejected:

For special castings 12" or less in diameter, 10%.

For special castings over 12" in diameter, 8%.

Excess weight in any one special casting, not to exceed the following stated percentages, will be paid for:

For special castings 12" or less in diameter, 8%.

For special castings over 12" in diameter, 6%.

The total weight, however, to be paid for shall not exceed for the special castings received the sum of the standard weights of the same number of special castings by more than five per cent. (5%).

Straight Pipe Cast Vertically.

Section No. 376. All straight pipes shall be cast vertically, and all pipes 12 inches or more in diameter shall be cast with the hub end down.

Section No. 377. All the castings shall be made in such molding-sand or loam as will leave the surface clean and smooth.

Castings, How Marked.

Section No. 378. All the castings shall have the year in which they are cast, the running number of the castings of the same size and form, the letters D. W. S., and the initials or name of the Contractor, and of the foundry where cast, cast on the outer side in raised letters of not less than two (2) inches in length and one-eighth (⅛) of an inch in relief, in such manner as the Engineer may designate; and in case any pipe shall be condemned, the letters D. W. S. shall be erased by the Contractor.

Quality of Cast-Iron.

Section No. 379. The metal of which the castings are to be cast (which shall be remelted in a cupola or air-furnace) shall be pig-iron, made without any admixture of cinder-iron, or other inferior metal, and shall be of such character as to make a pipe strong, tough and of an even grain, entirely free from uncombined carbon when seen under the microscope, and such as will bear, satisfactorily, drilling and cutting, and shall have a tensile strength of at least sixteen thousand (16,000) pounds to the square inch.

Section No. 380. The castings shall be free from scoria, sand holes, air bubbles, and other defects and imperfections.

Castings to Be Clean.

Section No. 381. The castings shall be perfectly cleaned and no lumps shall be left on the inner surface of the barrels or sockets, or on the outer surface of the spigot end. The castings shall be subject to hammer inspection. Iron-wire brushes shall be used, as well as softer brushes, to remove the loose dust. No acid or other liquid shall be used in cleaning the castings.

Pipes to be Coated.

Section No. 382. Every pipe, branch and special casting shall be carefully coated inside and out with coal pitch and oil. Every casting shall likewise be entirely free from rust when the coating is applied. If the casting cannot be dipped immediately after being cleaned, the surface shall be oiled with linseed oil, to preserve it until it is ready to be dipped. No casting shall be dipped after rust has set in.

Pitch.

Section No. 383. The coal-tar pitch shall be made from coal tar distilled until the naphtha is entirely removed and the material mixed with linseed oil so as to make a smooth, tough and tenacious coating. Pitch which becomes hard and brittle when cold will not answer for this use.

Section No. 384. Pitch of the proper quality having been obtained, it shall be carefully heated in a suitable vessel to a temperature of three hundred (300) degrees Fahrenheit, and shall be maintained at not less than this temperature during the time of dipping. The material will thicken and deteriorate after a number of pipes have been dipped; fresh pitch shall, therefore, be frequently added, and occasionally the vessel shall be entirely emptied of its old contents and refilled with fresh pitch.

Section No. 385. Every casting shall attain a temperature of three hundred (300) degrees Fahrenheit, before being removed from the vessel of hot pitch. It shall then be slowly removed and laid on skids to drip.

To be Inspected Before Dipping.

Section No. 386. No casting shall be dipped until the authorized inspector has examined it as to cleaning and rust, and subjected it thoroughly to the hammer test. It may then be dipped, after which it will be passed to the hydraulic press to meet the required water test. The proper coating shall be tough and tenacious when cold on the pipes, and not brittle or with any tendency to scale off.

Tests.

Section No. 387. The castings must be capable of sustaining a pressure, in the hydraulic press, of three hundred (300) pounds to a square inch, and any casting which shows any defect by leaking, sweating or otherwise, will be rejected. This test shall be made at the foundry, and at the expense of the Contractor.

Weighed and Marked.

Section No. 388. The castings shall be weighed, and the weight distinctly marked on the castings in white paint. The Contractor shall provide at the foundry where the pipes and castings are to be manufactured proper sealed scales and weights for weighing the castings, which shall be done at the expense of the Contractor, under the supervision of the inspector.

Blocking and Wedges.

Section No. 389. Each pipe over eight (8) inches inside diameter, unless otherwise ordered, shall be placed on two (2) blocks and four (4) wedges of hemlock timber, the wedges to rest on the blocks and the pipe on the wedges.

Timber for Blocking.

Section No. 390. The blocks and wedges shall be of sound hemlock timber; 48 and 36-inch pipe shall be laid on blocks 4 feet long, 12 inches wide and 6 inches thick, with wedges 18 inches long, 6 inches wide, 4 inches thick on one end and ½ inch thick on the other; 30 and 24-inch pipe on blocks 3 feet long, 10 inches wide and 5 inches thick, with wedges 15 inches long, 5 inches wide and 3½ inches thick on one end and ½ inch thick on the other end; 12 and 20-inch pipe on blocks 2 feet long, 8 inches wide and 4 inches thick with wedges 12 inches long, 4 inches wide, 3 inches thick on one end and ½ inch thick on the other.

Joints.

Section No. 391. The spigot of the pipe shall be inserted into the hub to within from one-fourth (¼) to one-eighth (⅛) of an inch of the full depth of the hub, and the space around the pipe shall be equalized so as to give as nearly as possible an equal space for the packing. The space between the pipe and hub shall be packed with clean, sound jute packing yarn, free from tar, far enough to leave the proper space for lead. The remaining space shall then be filled by running it full of lead to a depth of four (4) inches, with a bead outside of the face of the hub large enough to allow for caulking, so that when the joint is properly caulked the lead will be flushed with the hub of the pipe. After the joint shall have been run with lead, it shall be caulked by means of proper tools, so as to make a water-tight joint.

Lead.

Section No. 392. The lead to be used shall be of the best quality of pure, soft lead, and in every respect suitable for the purpose.

Notice of Interruption to be Given.

Section No. 393. In case it becomes necessary to cut any connection with any other main, house or hydrant, or in any way to interfere with the continuous and normal flow of water, due notice shall be sent at least forty-eight (48) hours in advance to the Engineer and to the Commissioner of Water Supply, and the Contractor shall, if so ordered, make a temporary by-pass or other arrangement to preserve the flow of water while breaking connections.

Connections Interfered With.

Section No. 394. All connections cut, interfered with or injured shall be restored under the directions of the Engineer, without delay and in accordance with the rules and regulations of the Department of Water Supply governing such matters, to a suitable condition as good as existed before commencing work.

Stop Cocks, etc.

Section No. 395. Stop cocks, boxes, branches, curved pipe, and other specials according to the standards of the Department of Water Supply shall be set where necessary.

Section No. 396. For gas pipes, steam pipes, air pipes, mail tubes and any other pipes not herein enumerated, the standard weights and all other requirements shall be in accordance with the standard specifications and requirements of the several owners of such structures.

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Ducts.

Vitrified Ducts—Quality and Size.

Section No. 397. The ducts to contain cables for transmitting electricity shall be manufactured of the best clay, thoroughly mixed, burnt and vitrified, sound in all respects, straight and free from soft spots, stones, cracks or blisters liable to impair their strength or durability; in lengths generally of from eighteen (18) to thirty-six (36) inches, shorter lengths shall only be used as directed; generally in four-way form with circular holes, the diameter to be such as to pass a mandrel three and one-half (3½) inches in diameter; one, two or three-way ducts shall be used in special cases as determined by the Engineer. The interior surface of the holes to be smooth and clear of warts, tits, pits or blisters, which may tend to injure the electric cable in pulling the same through the duct. The ends to be cut smooth and at right angles to the axis of the duct and beveled on inside for three-quarters (¾) of an inch.

Thickness of Ducts.

Section No. 398. The outside walls and webs of four-way ducts to be three-quarters (¾) of an inch thick; the outside dimensions of ducts to be not less than nine and one-quarter (9¼) nor more than ten (10) inches, and constructed square on outer lines; the dimensions of single, two-way or three-way ducts shall be consistent with the above.

Ends Combed.

Section No. 399. The ends of ducts to be combed with two (2) sets of three (3) combings each, each combing to have a width of one-quarter (¼) of an inch and a depth of one-sixteenth (1-16) of an inch.

Glaze.

Section No. 400. The inside and outside of ducts to be thoroughly glazed in the most approved manner with good salt glaze.

Inspection.

Section No. 401. All ducts to be subject to inspection, both at the place of manufacture and on the work. All rejected ducts to be promptly removed by the Contractor at his expense.

How Laid.

Section No. 402. The ducts shall be laid in beds of cement mortar about one-quarter (¼) of an inch in thickness, with broken joints and with full bearing. Two (2) strips of thick unbleached muslin six (6) inches wide, and coated with neat cement mortar, shall be used to wrap each joint, the ends of the wrap to lap six (6) inches. The muslin shall be not less than 56 x 60 count, weight not less than four (4) ounces to the yard and width thirty-six (36) inches. In laying the ducts care must be taken to close abutting joints so that practically the end of ducts shall be in contact on all sides. Where ducts are laid on curves, the wraps must be doubled if required, to protect the openings between the ends of the ducts on the outer line of the duct and to exclude all mortar from duct openings.

Mandrels.

Section No. 403. The ducts shall be laid with a linked mandrel of the length and diameter to be prescribed, the same accurately fitting the duct openings, the mandrel to be left in each duct until the next succeeding duct is laid.

Dowel Pins.

Section No. 404. The ducts shall be laid with dowel pins, at least two pins on the opposite sides horizontally.

Laid to Line.

Section No. 405. The ducts shall be so laid that the center of the holes shall be true to line and grade.

To be Rodded.

Section No. 406. After the ducts are laid, and sufficient time is given to allow

the mortar in beds to set, they shall be rodded; all mortar or other foreign matter must be cleaned from the duct openings, leaving a clear and smooth opening. If obstructions are found in rodding the ducts which cannot be removed by cleaners, so as to give a clear and smooth opening sufficient to pass a three and one-quarter (3¼) inch mandrel, the ducts shall be removed and relaid; all ducts, during the construction and after being rodded, shall be plugged with suitable plugs, to be furnished by the Contractor. If wooden plugs are used they shall be immersed in water for at least eight (8) hours before being put in place.

Measurement and Payment for Vitrified Ducts.

Section No. 407. Tunnel ducts shall be paid for per duct foot in place at the price herein stipulated for tunnel ducts, Schedule Item 18, which price shall include the cost of furnishing, laying, rodding and all the material and work incidental thereto. The tunnel ducts to be provided under Schedule Item 18 shall include only those intended solely for the purpose of the operation of the Railroad, but either those incorporated in the Railroad structure or those laid on top of it.

Duct Manholes.

Section No. 408. Duct manholes shall be built at the sides of the Railroad in connection therewith and as indicated on the plans. These manholes shall be generally at intervals of about four hundred and fifty (450) feet, and shall be on either or both sides of the Railroad as necessary, in accordance with the location of the duct lines. They may vary in form as may be necessary to accommodate the work to local conditions. Sliding steel doors of an approved type and with the necessary fittings shall be provided for all duct manholes; such doors and fittings will be paid for as riveted steel, Schedule Item 19.

Duct Manholes at Stations.

Duct manholes will be built at the ends of the stations to provide for the passage of the ducts under the station platforms.

Section No. 409. At manholes the ducts will be laid to conform to the special conditions.

21.

CONDUITS.

Section No. 410. In all work where iron pipe conduits are installed for a part of their length in the structure and for another part as open construction, the ends of such runs shall be carried outside of said structure as open construction and shall terminate in outlet or junction boxes located by the Engineer.

Section No. 411. The iron pipe conduits required by Section No. 410 will be built mainly in the walls, roofs or other parts of the stations; portions, however, of the runs will be left exposed, to be covered later by the station finish work.

Quality Iron Pipe Conduit.

Section No. 412. All iron conduits used for any purpose in connection with the work herein shall be of the best grade (Galvaduct or equal) standard weight wrought iron or steel piping, protected inside and out by a coat of zinc or enamel. It shall be delivered to the work in bundles of full length pipes, each length marked with the trade-mark of the manufacturer. It shall bend cold 90 degrees about a radius equal to ten diameters without signs of flaw or fracture in either pipe or enamel.

Installation.

Section No. 413. All conduits shall be carefully cleaned before and after erection, and all ends shall be reamed free from burrs, and inside surfaces shall be free from all imperfections liable to injure the cable.

Joints Water-tight.

Section No. 414. All joints shall be made with standard couplings, well treated with red lead, and screwed up to make a water-tight job.

Built in Concrete, Etc.

Section No. 415. Conduits built into concrete or other parts of the structure shall be properly protected and supported, so that the same shall not be injured by the building operations.

Not Built in Concrete.

Section No. 416. Conduits not built into the structure shall be supported by approved pipe straps located not more than eight feet apart, or in any other manner designated by the Engineer, and they shall be kept boxed or otherwise suitably protected from injury.

Bends and Offsets.

Section No. 417. Bends and offsets may be made in the field if proper tools are used, but in no case shall deformed, split or crushed conduit be erected. Not more than two right angle bends shall be made between any two outlet boxes without special approval of the Engineer.

Measurement and Payment.

Section No. 418. Measurements for the above iron pipe conduits shall be per lineal foot of single conduit placed in the work—in accordance with the requirements—and payment for the same shall be as herein stipulated in Schedule Item 32.

Outlet and Pull Boxes and Payment for Same.

Section No. 419. All outlet and pull boxes shall be made of cast iron, with openings threaded for the conduit ends, and conduits shall be screwed into these openings and made up with red lead to effect a water-tight joint. Covers shall be of cast iron and water-tight, and no other boxes or covers shall be used except under special permission of the Engineer. The price for each cast iron outlet and pull box furnished and placed in the work shall be as herein stipulated in Schedule Items 33 and 33-A.

22

SURFACES RESTORED.

Pavement to be Restored.

Section No. 420. As soon as the structure in any excavation or trench made within a street shall be completed and the trench backfilled, a temporary pavement shall be laid and maintained in a condition satisfactory to the Engineer; and after the earth shall have become, in the opinion of the Engineer, sufficiently settled, the Contractor shall proceed to restore the surface to a condition similar to, and equally as good as, that existing previous to the commencement of construction; except that the Contractor will not be required to permanently restore the pavement of roadways between curb lines, but shall provide a temporary roadway pavement between curb lines as follows:

Temporary Roadway Pavement.

Section No. 421. Upon the backfill, placed and compacted as provided under the clauses relating to backfilling, shall be placed a layer of sand, about an inch and a half in thickness, on which shall be laid a pavement of granite blocks carefully laid and rammed to the required finished grade of the street surface. The end and side joints shall be thoroughly filled with sand, and shall not exceed ¾ of an inch in thickness. The granite blocks required for this temporary pavement, if found in or under the orignal pavement, shall be stored at a suitable place until required for use. In case granite blocks are not found in or under the original pavement, they shall be supplied by the Contractor at his own expense.

The Contractor shall maintain the temporary roadway pavement thus laid to the date of the completion of this contract as provided in Article LIV. During this period the Contractor shall, without requiring previous notice, readjust or relay any portion of the pavement wherever and whenever a straight edge 3 feet long, laid in any direction, shows a depression of more than ¾ inch.

All the requirements as to street surface restored, including temporary roadway pavements between curb lines, shall apply to the trenches for sewers, pipes or other subsurface structures along the line of the Railroad; but when such trenches for sewers, pipes or other subsurface structures are off the line of the Railroad the Contractor will be required to permanently restore the pavement between curb lines, as well as other pavements, as required in Section No. 420.

Other Sidewalks May be Laid.

Section No. 422. Nothing contained in these specifications shall be understood or construed as prohibiting the Contractor from making any arrangement with any property owner to lay another style of sidewalk, or other surface covering within curb lines, in place of the sidewalk or other surface covering taken up; in which case the Contractor shall file with the Commission a copy of his contract with such property owner, duly acknowledged in writing by both parties.

In case any property owner desires to lay a sidewalk, or other surface covering within curb lines, affected by this contract, different from the one removed, and shall notify the Commission in writing that he has failed to make satisfactory arrangements for such work with the Contractor, then the Commission, in its discretion, may direct the Contractor to finish and dress off the filling over his work to such grade as the Engineer may select, and further direct him to remove from the area to be restored all material of whatever nature not required to be relaid, and to permit another contractor to lay such sidewalk or other surface covering; in which case the liability of the Contractor under this contract shall cease, as far as that part of his work is concerned, whenever the Engineer shall report to the Commission that the instructions of the Commission have been complied with, exactly the same as if the Contractor had fully completed the restoration as hereinbefore provided.

Payment For Street Surface Restored.

Section No. 423. Payment for street surface restored will be made as provided in Schedule Item 30 (a) within curb lines, and Schedule Item 30 (c) between curb lines over off line trenches for sewers, pipes or other subsurface structures, which prices shall include the cost of restoring all curbs, manhole heads and covers, gratings, vault lights, etc., that formed a part of the original street surface.

The payment for the temporary roadway pavement between curb lines described in Section No. 421, and work incidental thereto, such as restoring manhole heads and covers, etc., will be included in the schedule prices paid for excavation, Items 1, 2 and 3, and 2-A and 3-A.

Measurements.

Section No. 424. The measurement for payment for street surface restored will be to the net line of ordered excavation.

Outside of Net Lines.

Section No. 425. All other pavement outside of the net lines of ordered excavation, either along or off the line of the Railroad, that may have become damaged, directly or indirectly, as the result of the Contractor's operations, shall be restored by the Contractor at his own cost and expense to a condition similar to and equally good as that existing previous to the commencement of construction.

Grass Plots or Trees—Replanting.

Where any grass plots or trees exist along any street occupied by the Contractor, proper precautions must be taken to protect them from injury. For every tree removed, injured or destroyed, the Contractor shall set out a new thrifty tree of the same kind as the tree removed, injured or destroyed, and not less than fifteen (15) feet in height and not less than three and one-half (3½) inches in diameter measured two feet above the surface of the ground, and in such position as the Commissioner of Parks shall indicate. All grass plots, shrubbery and other plants removed or affected by the construction of the Railroad shall be restored as soon as possible to as good a condition as existed before the commencement of the work. In replanting trees and the replanting of grass plots the Contractor must be governed by the reasonable requirements of the Commissioner of Parks or by other authorities specially charged with the care of these trees or grass plots, and the nature and depth of the soil to be placed therein must be as approved by such authorities and by the Commission. Payment for all the work covered in this paragraph shall be included in the prices paid for street surface restored within curb lines, Schedule Item 30 (a), when such work comes within the net line of ordered excavation. All such work outside of the net lines of ordered excavation, either along or off the line of the Railroad, shall be restored at the Contractor's own cost and expense.

23.

GRATINGS AND HAND-RAILS.

Steel Gratings.

Section No. 426. Steel gratings shall be provided and placed over fan and other ventilating chambers, and over station approaches, at places shown on the plans, or at other places, if required by the Engineer. They will be constructed as shown on the detailed plans for gratings.

At Stations.

Steel gratings also shall be provided and placed over stations as prescribed in the preceding paragraph.

Measurement and Payment.

Gratings will be measured to the lines as constructed and payment therefor will be made as herein provided in Schedule Item 28, which price shall include the grating in place in the work, all frames and framing, and all incidental work.

Galvanized Iron Pipe Hand Rails.

Galvanized iron pipe hand rails, of one or more horizontal rails and supported on wall brackets or on pipe posts, will be placed in the Railroad over the benches containing the ducts, or at other points where directed by the Engineer. They shall be securely fastened to the wall, bench or floor of the tunnel by means of expansion bolts, and as shown on the contract drawings. Measurements for payment will be per lineal foot of pipe rail and posts in place in the work, complete, and at the price as stipulated in Schedule Item 27.

Vault Lights.

The roofs of the stations, where under sidewalks, shall, to as great an extent as possible, consist of vault light construction. These lights shall be made with lenses, not exceeding three (3) inches in diameter, of strong glass set in cement; they shall be provided with non-slipping treads, buttons or other devices all of design approved by the Engineer; and shall be of sufficient strength to carry, when supported in a manner similar to that in which they are to be permanently set, an equally distributed load of at least five hundred (500) lbs. per square foot without signs of failure, deformation or permanent set, when such test load is removed. The right is reserved to test at least one (1) frame or panel in every ten (10), as selected by the Engineer. Should the one selected fail, another will be selected by the Engineer; and, if that fail, then the whole lot may be rejected. The vault lights must be set in place with cement, lead or other means to be absolutely waterproof. Any tests required shall be at the Contractor's expense.

Measurement and Payment.

The area for payment for vault lights shall be to lines not exceeding one (1) foot outside of the inner faces of the supporting walls, and the price paid will be as provided in Schedule Item 29, which price shall include all material and work incidental to the completed vault lights in place.

24

SPECIAL MATTERS.

Open Trench Excavation.

SECTION No. 427. From the east end of the Cypress Avenue station through E. 138th street and Southern boulevard the Contractor will be permitted to prosecute his work in open trench without cover for one-half the roadway between curb lines, except that he must maintain and support the surface railroad tracks so as not to interfere with traffic, as herein provided. The remainder of the trench must be decked over as provided in Section No. 48.

Where the Railroad passes under private property at the northwest corner of Southern boulevard and E. 138th street, title to or easement through which will be acquired by the City, the Contractor will be permitted to prosecute his work in open trench without cover.

Port Morris Branch Tracks.

The Contractor shall support and maintain the tracks, including all appurtenances, of the Port Morris Branch of the New York Central and Hudson River Railroad at Southern boulevard near E. 142d street, the cost of which support and maintenance will be included in the prices paid for excavation, Schedule Items 1, 2 and 3.

Grades at Brook Avenue, Etc., Raised.

The Contractor shall raise the grade of Brook avenue and E. 138th street in the vicinity of Brook avenue, as shown on the contract drawings. The fill shall be measured and paid for at the price stipulated for earth excavation, Schedule Item 1. The pavement of the new street surface will be as provided in Sections Nos. 420 to 425 inclusive.

Elevated Columns Underpinned.

The Contractor shall underpin the columns of the Manhattan Elevated Railroad in E. 138th street where it crosses the line of the Railroad, as provided in Section No. 63.

IV.

SECURITY TO BE FURNISHED BY CONTRACTOR.

Contractor's Bond.

Article XXVII. Simultaneously with the execution of this contract the Contractor shall give security for the performance of his obligation by filing with the Comptroller a bond in the form annexed hereto, entitled, "Form of Bond," executed by the Contractor and by two or more sureties to be corporations or persons approved by the Commission in the sum of seventy-five thousand ($75,000) dollars. In case any of the sureties upon the bond shall become insolvent or unable in the opinion of the Commission to pay promptly the amount of such bond to the extent to which such surety might be liable, then the Contractor within ten days after notice by the Commission to the Contractor shall, by supplemental bond or otherwise, substitute another and sufficient surety to be approved by the Commission in place of the surety so insolvent

or unable. If the Contractor shall fail, within such ten days or such further time as the Commission may grant, to substitute another and sufficient surety, then the Contractor shall, for all the purposes of this contract, be deemed to be in default in the performance of his obligations hereunder and upon the said bond, and the Commission may terminate the contract or may bring any proper suit or proceeding against the Contractor and the sureties, or either of them, or may require to be deducted from any moneys then in, or thereafter coming into, the hands of the City and due to the Contractor the amount for which the surety insolvent or unable as aforesaid shall have justified on the bond; and the moneys so deducted shall be held by the Comptroller as collateral security for the performance of the condition of the bond.

Deposit of Cash or Securities.

*Article XXVIII. The Contractor may at his option deposit with the Comptroller in lieu of said bond or of any part thereof, an equal amount in cash or in value of securities. If securities be deposited they shall be securities of which a schedule shall be hereto annexed, entitled "Schedule of Securities," and there shall be deposited with them the written approval of the Commission which it shall give when satisfied as to the character thereof. In case any of the securities so deposited shall, in the opinion of the Commission, at any time cease to be of the character of securities in which the savings banks of the State of New York are then authorized by law to invest moneys, or shall, in the opinion of the Commission, at any time become of less value than the value stated for it or them in the said schedule,—then within ten days after notice to the Contractor of the objection of the Commission, the Contractor shall either substitute therefor securities which shall be approved by the Commission as of the character aforesaid and as being of at least the value of the former securities to which the Commission shall have objected as such value was originally stated in the said schedule, or shall deposit with the Comptroller in cash the amount of such value of such former securities as so originally stated. In case the Contractor shall not within such ten days substitute such new securities, he shall, if the Commission so elect, be deemed to be in default in the performance of his obligations under this contract; and in addition to any and all other remedies against the Contractor or its sureties, the Commission may require the Comptroller to deduct from any moneys then due or which thereafter may become due to the Contractor under this contract, the amount of the original valuation of such securities objected to, and to hold such amount in lieu of such securities, as if part of the original deposit or as if deposited with the Comptroller as aforesaid, and such amount shall in such case be deemed to be paid to the Contractor upon the contract. The securities so objected to shall upon such substitution of securities or deposit of cash in lieu thereof be returned to the Contractor.

The City shall from time to time collect all interest, dividends or other profits or income on any securities deposited by the Contractor, and shall, when and as collected, pay the same to the Contractor. If the securities are in the form of coupon bonds the coupons as they respectively become due shall be delivered to the Contractor If the deposit be made in cash, interest shall be paid to the Contractor at the average rate of interest received by the City on its bank balances during such period. Provided however, that the Contractor shall not be entitled to interest, dividends or other profits or income on any securities the proceeds of which shall be used or applied as hereinafter provided.

Security For.

Article XXIX. The said deposit, whether in cash or securities, in the form and as the same shall at any time be, shall be security for the faithful performance by the Contractor of all the covenants, conditions and requirements specified and provided for in this contract. In case of any default on the part of the Contractor in such performance, and in the further case that the City shall for or by reason of such failure, whether by reason of employment of another contractor or contractors or otherwise incur or become liable for expense through such default as hereinafter provided, then the Comptroller shall forthwith pay or apply to the use of the City the amount of such expense out of the said deposit in cash or securities or out of the portion of the deposit remaining at the time.

Sale of Securities.

Article XXX. The Comptroller shall, upon the requirement of the Commission, in order to make such payment or application to the use of the City, sell at public auction in The City of New York any of the securities which may then constitute part of such deposit upon notice to be published in three daily newspapers, the first publication to be as much as ten days before the sale and such publication to be made three times within such ten days. Any such sale shall be adjourned from time to time if requested by the Commission. The Comptroller shall, upon the requirement of the Commission, deduct from the proceeds of any such sale, all expenses thereof and of such advertisement, and pay and apply to the use of the City so much of the residue of such proceeds as may be necessary for the purpose aforesaid. And the Contractor within ten days after notice from the Commission so to do shall (unless the time be extended by the Commission) by further deposit, according to the requirement of the Commission, of money or securities of the character aforesaid approved by the Commission restore the said deposit with the Comptroller to the full amount originally required. In addition to, or in lieu of, the sale above provided for, the Commission may, in the name of and in behalf of the City, bring any appropriate suit or proceeding in any proper court to enforce the lien and claim of the City in and upon the said deposit, whether such deposit be in money or securities.

Retention of Security.

Article XXXI. If at any time when the Contractor shall otherwise be entitled to a return of the said deposit, there shall be pending any claim for damages or loss caused to others by the negligence, fault, or default of the Contractor, for which it shall be claimed that the City shall be liable, then and in that case the said deposit, or such part thereof as the Commission shall prescribe, shall, upon the requirement of the Commission, be reserved by the Comptroller for a reasonable time as security to the City against such claims. And the amount of any such damages or costs paid by the City to others or for which the City shall be liable to others, shall be deducted from the said deposit before the same shall be returned to the Contractor as hereinafter provided.

On Completion of Works.

Article XXXII. When the Contractor shall have fully completed the Works according to the terms of this contract and the Commission shall so certify, the Comptroller shall pay and deliver to the Contractor the said deposit, or so much thereof as shall not have been reserved or used or applied for any of the purposes above mentioned.

Retained Percentages.

Article XXXIII. In addition and as further security there shall be deducted fifteen per centum (15%) of the amounts certified from time to time to be due to the Contractor until the amount so deducted and retained shall equal the sum of three hundred thousand ($300,000) dollars. Thereafter there shall be so deducted and retained for such purpose ten percentum (10%) of amounts certified from time to time to be due to the Contractor. The Contractor may from time to time withdraw portions of the amounts so to be retained upon depositing with the Comptroller corporate stock of The City of New York of a market value equal to the amount so withdrawn, in which event the provisions of this chapter in respect of securities shall also apply to such corporate stock.

V.

Payments to Contractor.

Partial Payments.

Article XXXV. In order to assist the Contractor to prosecute the work advantageously, the Engineer shall, from time to time, as the work progresses, but not oftener than once a month, make in writing an estimate, such as in his opinion shall be just and fair, of the amount and value of the work done and materials incorporated in the work by the Contractor according to the terms of this contract (but it is understood that in making such estimates the Engineer shall not necessarily be governed by the unit prices contained in the Contractor's proposal), provided, however, that estimates may at any time be withheld or reduced, if, in the opinion of the Engineer, the work is not proceeding in accordance with the contract. The first such estimate shall be of the amount and value of the work done and materials incorporated in the work since the Contractor commenced the performance of this contract on his part. Every subsequent estimate except the final estimate shall be of the amount and value of the work done and materials incorporated in the work since the last preceding estimate was made, provided, however, that no such estimate shall be required to be made when, in the judgment of the Engineer, the total value of the work done and materials incorporated in the work since the last preceding estimate amounts to less than ten thousand ($10,000.00) dollars. The Engineer shall further include accepted structural iron and steel delivered on the site of the work, or on property owned or leased by the City, but not incorporated in the work, at the rate of forty ($40) dollars per ton of two thousand pounds. But the quantity of such structural iron and steel included in any partial estimate shall not exceed the quantity of such material, as determined by the Engineer, required for the ensuing six months, and any material included in a partial estimate which may subsequently become unsatisfactory shall be deducted from succeeding partial estimates. No materials not incorporated in the work, excepting such structural iron and steel, shall be included in partial estimates.

Not by Strict Measurement.

Article XXXVI. Such estimates shall not be required to be made by strict measurement, but they may be made by measurement or by estimation, or partly by one method and partly by the other, and it shall be sufficient if they are approximate only.

Vouchers.

Article XXXVII. Upon each such estimate being made and certified in writing to the Commission, the Commission shall forthwith prepare and certify a voucher for eighty-five or ninety per cent. of the amount stated in such estimate or certificate to be the value of the work done and materials furnished as provided in Article XXXIII, and the City shall within thirty (30) days after the date of the certification of such voucher by the Commission pay the same; provided, however, that the City may at all times reserve and retain from said partial payments, or any of them, in addition to the ten or fifteen per cent. above mentioned to be retained and reserved, any sum or all sums which by the terms hereof, or of any law of the State of New York passed prior to the date hereof, it is or may be authorized to reserve or retain.

Final Estimate.

Article XXXVIII. Whenever, in the opinion of the Engineer, the Contractor shall have completely performed this contract on his part, the Engineer shall so certify, in writing, to the Commission, and in his certificate shall state, from actual measurements, the whole amount of work done by the Contractor, and also the value of such work under and according to the terms of this contract. On the expiration of ninety (90) days after the acceptance by the Commission of the work herein agreed to be done by the Contractor, and the filing of a certificate of the completion and acceptance of the work in the office of the Comptroller, signed by the Engineer and the Commission, the City shall pay to the Contractor the amount remaining after deducting from the amount or value stated in the last-mentioned certificate, all such sums as shall theretofore have been paid to the Contractor under any of the provisions of this contract, and also any sum or all such sums of money as by the terms hereof the City is or may be authorized to reserve or retain; provided, that nothing herein contained shall be construed to affect the right, hereby reserved, of the Commission to reject the whole or any portion of the aforesaid work, should the said certificate be found, or known to be, inconsistent with the terms of this contract, or otherwise improperly given. All prior certificates upon which partial payments may have been made, being merely estimates, shall be subject to correction in the final certificate, which final certificate may be made without notice thereof to the Contractor, or of the measurements upon which it is based.

Interest in Case of Delayed Payments.

Article XXXIX. If the payment of the amount due the Contractor on any voucher shall be delayed beyond the time stipulated in Article XXXVII, in the case of partial payment, or Article XXXVIII., in the case of final payment, the City shall pay the Contractor interest on such amount at the rate of four and one-half (4½) per cent. per annum for the period of such delay; it being understood that such payments of interest, if any, are to be in lieu of any claim of the Contractor for alleged damages for breach of contract or otherwise in case of delayed payments. The term for which interest shall be paid shall be reckoned, in the case of a partial payment, from the thirtieth day after the certification of such voucher by the Commission, and in the case of a final payment from the ninetieth day after the acceptance of the work by the Commission, to the date of payment of the voucher. The date of payment of a voucher shall be considered the day on which the voucher is ready for payment as evidenced by the records of the Department of Finance. If interest shall become due on any partial payment the amount thereof, as determined by the Commission, shall be added to a succeeding payment. If interest shall become due on a final payment it shall be paid on a supplementary voucher prepared by the Commission and forwarded to the Comptroller for payment in the usual manner.

No Estoppel.

Article XL. The City shall not, nor shall any Department or officer thereof, be precluded or estopped by any return or certificate made or given by the Commission, any Engineer, or other officer, agent or appointee thereof under any provision of this contract, from at any time either before or after the final completion and acceptance of the work and payment therefor pursuant to any such return or certificate, showing the true and correct amount, quality and character of the work done and materials furnished by the Contractor or any other person under this agreement, or from showing at any time that any such return or certificate is untrue and incorrect or improperly made in any particular, or that the work and materials, or any part thereof, do not in fact conform to the specifications; and the City shall not be precluded or estopped, notwithstanding any such return or certificate and payment in accordance therewith, from demanding and recovering from the Contractor such damages as it may sustain by reason of his failure to comply with this contract or the specifications.

No Waiver.

Article XLI. Neither the acceptance of the Commission or its Engineer, or any of its employees, nor any order, measurement or certificate by the Engineer, nor any order by the Commission for payment of money, nor any payment for, nor acceptance of the whole or any part of the work by the Engineer or the Commission, nor any extension of time, nor any possession taken by the Commission, or its employees, shall operate as a waiver of any portion of this contract or of any power herein reserved to the Commission, or any right to damages herein provided; nor shall any waiver of any breach of this contract be held to be a waiver of any other or subsequent breach.

Final Payment to Terminate Liability of City.

Article XLII. The acceptance by the Contractor of the last payment aforesaid shall be and shall operate as a release to the City, from all claim and liability to the Contractor for anything done or furnished for, or relating to, the work, or for any act or neglect of the Commission, the City or of any person relating to or affecting the work, except only the claim against the City for the remainder, if any there be, of the amounts kept or retained as provided in this contract.

Contractor's Claims for Damage—Statements of Damage to Be Filed with Engineer.

Article XLIII. If the Contractor shall claim compensation for any damage sustained by reason of the acts of the Commission, or its agents, he shall, within ten days after the sustaining of such damage, make a written statement of the nature of the damage sustained to the Engineer. On or before the fifteenth day of the month succeeding that in which any such damage shall have been sustained, the Contractor shall file with the Engineer an itemized statement of the details and amount of such damage, and, unless such statement shall be made as thus required, his claim for compensation may be forfeited and invalidated, and he shall not be entitled to payment on account of any such damage.

Lien Law.

Article XLIV. If at any time before or within thirty days after the whole work agreed herein to be performed and all the labor and material herein agreed to be delivered have been performed or delivered or completed and accepted by the City any person or persons claiming to have performed any labor or furnished any material toward the performance or completion of this contract shall file with the Commission and with the Comptroller of the City any such notice as is described in the Lien Law, the City shall retain until the discharge thereof from moneys under its control so much of such moneys as shall be sufficient to satisfy and discharge the amount in such notice claimed to be due, together with the costs of any action or actions brought to enforce such lien created by the filing of such notice.

VI.

Contractor's Liability for Injuries to Persons or Property.

Contractor Approves Plans as Involving no Damage.

Article XLV. The Contractor expressly admits and covenants to and with the City that the plans and specifications and other provisions of this contract, if the work be done without fault or negligence on the part of the Contractor, do not

*Articles XXVIII to XXXII inclusive will form part of the contract only in case the Contractor elects to deposit cash or securities in lieu of a bond or to deposit corporate stock of The City of New York in lieu of retained percentages.

involve any danger to the foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces; and the Contractor will at his own expense make good any damage that shall, in the course of construction, be done to any such foundations, walls or other parts of adjacent or overhead buildings or structures or surfaces. The liability of the Contractor under this covenant is absolute, and is not dependent upon any question of negligence on his part, or on the part of his agents, servants or employees and the neglect of the Engineer to direct the Contractor to take any particular precautions or to refrain from doing any particular thing, shall not excuse the Contractor in case of any such damage.

Traffic to be Maintained.

Article XLVI. The Contractor shall during the performance of the work safely maintain the traffic on streets, avenues, highways or other public places as provided in the specifications, and shall take all necessary precautions to place proper guards for the prevention of accidents, and put up and keep at night suitable and sufficient lights.

Indemnification for Accidents, etc.

Article XLVII. The Contractor shall be solely responsible for all physical injuries to persons or property occurring on account of and during the performance of the work hereunder, and shall indemnify and save harmless the City from liability upon any and all claims for damages on account of such injuries to persons or property, and from all costs and expenses in suits which may be brought against the City for such injuries to person or property; it being distinctly understood. stipulated and agreed that the Contractor shall be solely responsible and liable for and shall fully protect and indemnify the City against all claims for damages to persons or property occasioned by or resulting from blasting or other methods or processes in the work of construction whether such damages be attributable to negligence of the Contractor or his employees or otherwise.

Money Due the Contractor May be Retained to Meet Claims.

Article XLVIII. In case any claim shall be made by any person or corporation against the Contractor or the City for loss or damage to person or property as aforesaid, the amount of such claim, or so much thereof as the Commission shall deem reasonable, shall, upon the requirement and in the discretion of the Commission, be retained by the Comptroller out of any moneys thereafter growing due to the Contractor hereunder (in addition to the other sums hereinbefore authorized to be so retained), as security for the payment of such claim or claims. If and when the liability of the City or the Contractor on such claim or claims shall have been established by a judgment of a Court of competent jurisdiction, or shall have been admitted by the Contractor to be valid, the said claim or claims shall be paid from the amount so retained and the balance, if any, paid to the Contractor. Should there be any unsatisfied claims for injuries to persons or property at the time when the final estimate for the work is made and returned, the Engineer shall have the right to retain out of said final estimate a sum in his judgment sufficient to protect the City in regard to all unsatisfied claims as aforesaid and in case the amount thus retained should be insufficient to pay the amount adjudicated to be due upon such claim the City may sue for and recover from the Contractor the amount or balance as a debt from the Contractor to the City. The Engineer may further, if in his judgment such a course is necessary, at the time of making the final estimate, and as a condition to making the same, require the Contractor to continue his bond or other security or any part thereof, for a time not exceeding the time when such claims would be barred under the existing Statute of Limitations, as security against any claims then unsatisfied or not presented.

Examinations of Abutting Property.

Article XLIX. In order to safeguard the owners or tenants of abutting property and at the same time prevent unjust or fraudulent claims against the Contractor or the City in respect thereto, the Engineer shall cause a detailed examination of all adjacent or abutting property to be made before construction is begun. The owner, or tenant of each parcel or his or their duly authorized representative, shall be invited by a notice in writing delivered to a person apparently in charge of the premises, to be present, and the Contractor, or his duly authorized representative, shall attend and with the Engineer shall make such detailed examination. A complete record of the existing conditions of each parcel shall be made in triplicate, signed by the Engineer and the Contractor, and one copy shall be delivered to the owner, one to the Contractor and one shall be retained by the Commission. At such times as the Engineer may direct, and upon the completion of the work, or upon notice to the Engineer by the owner or tenant that physical injury has occurred, further examination shall be made and the findings recorded and filed as above.

Damage to Works During Construction.

Article L. All risk of loss or damage to the Works, or to any part thereof, or to any of the materials, tools, implements or other things used in doing the work, prior to final completion, is assumed and shall be borne by the Contractor, and any such loss or damage shall be made good by the Contractor at his own cost, and the construction shall be carried forward by him in accordance with this contract, without additional cost to the City by reason of such loss or damage.

VII.

City to Secure Contractor Against Interference by Injunctions, to Acquire Real Estate, Etc.

City's Assurances to Contractor of Right to Construct.

Article LI. The City hereby stipulates and covenants to and with the Contractor that the City will secure and assure to the Contractor so long as the Contractor shall perform the stipulations of this contract, the right to construct the Railroad as prescribed in this contract free of all right, claim or other interference, whether by injunction, suit for damages or otherwise, on the part of any owners, abutting owner, or other person; but not including any interference, legal or otherwise, by patentees or persons claiming to be patentees of tools, methods or appliances.

Claims for Infringement of Patents.

Article LII. The Contractor shall hold himself responsible for any claims made against the City for any infringement of patents by the use of patented articles in the performance and completion of the work, or of any process connected with the work agreed to be performed under this contract, or of any materials used upon the said work; and shall save harmless and indemnify the City for all costs, expenses and damages which the City shall be obliged to pay by reason of any infringement of patents used in the performance and completion of the work.

Acquisition of Real Estate.

Article LIII. The City will acquire all such real estate and rights of way or other rights, terms, franchises, easements and privileges therein which, in the opinion of the Commission; it shall be necessary to acquire or extnguish for the purpose of constructing the Works free of interference or right of interference; provided, however, that this covenant shall not apply to or include any damages for physical injuries to property referred to in Chapter VI hereof, whether or not compensation for such damages be awarded in a condemnation proceeding. If compensation for any such damages shall be included in an award in condemnation proceedings the Contractor shall, upon demand, promptly reimburse the City for any payments made by it for such purposes.

VIII.

Time for Completion, Damages for Delay, etc.

Commencement and Completion of Work

Article LIV. Time is of the essence of this contract. The Contractor shall begin actual work within sixty (60) days after the delivery of this contract. The entire work covered by this contract shall be completed in all respects within forty (40) months from the date of the delivery of this contract.

Price to be Reduced for Delay.

Article LV. In the event of delay in completion of the Works beyond the period herein prescribed, or beyond the period to which such time may be extended by resolution of the Commission for good cause shown, the City shall—whether the working force be increased as provided in the specifications or not—be paid damages for such delay. Inasmuch as the amount of such damages will be extremely difficult to ascertain, especially in view of the fact that the Railroad herein contracted for is only a part of a complete system, the remainder of which is to be constructed under other contracts, it is hereby expressly agreed that damages shall be liquidated and paid by reducing the price to be paid the Contractor as follows: From the amounts which shall become payable to the Contractor after the expiration of the periods above limited (but not including the retained percentages from amounts theretofore certified to be due) there shall be deducted and retained by the City the following percentages: From the amount due for the first month after the expiration of such periods one (1) per centum thereof; from the amount due for the second month after the expiration of such periods two (2) per centum thereof; from the amount due for the third month after the expiration of such periods three (3) per centum thereof; from the amount due for the fourth month after the expiration of such periods four (4) per centum thereof; similarly from any amounts which may subsequently become due there shall be deducted a percentage, the rate of which shall equal the number of months which may have elapsed between the expiration of the periods above limited and the time when such payments shall become due. These amounts shall be deducted and retained by the City and are hereby agreed upon and determined as the measure of liquidated damages (and not as a penalty) to the City. But in case the Contractor shall be delayed by reason of any labor strike not caused or instituted or provoked by the Contractor, or by any sub-contractor, agent or representative of the Contractor (which fact the Contractor shall prove to the satisfaction of the Commission), or in case the Contractor shall be delayed by any injunction or by any interference of public authority, and in case the Contractor cannot, notwithstanding such injunction or interference, with reasonable diligence make up for the delay so occasioned by speedier work when the Contractor shall not be so interfered with, then the said date for completion shall be extended by resolution of the Commission to a date later than the expiration of the said period by the amount of the time of such delay.

Commission May Intervene in Case of Injunction.

Article LVI. But no injunction, strike or interference of public authority shall be ground for such extension except if and from the time when the Contractor shall give the Commission notice of the injunction or other cause of delay, with copies of the injunction or other orders and of the papers upon which the same shall have been granted. The Commission and the City or either shall be accorded the right to intervene or become a party to any suit or proceeding in which any such injunction shall be obtained, and to move to dissolve the same or otherwise, as the Commission or City may deem proper. If necessary the Corporation Counsel or the Counsel to the Commission or both shall be authorized by the Contractor to appear, for that purpose, as counsel or attorneys for him.

In Case of Variation of Quantities.

Article LVII. The time stipulated within which to complete the Works is based upon the quantities of the various items entering into the work as stated in the form of proposal, which are given solely for the purpose of classifying bids. In case these quantities are exceeded or diminished then an extension or diminution of the term of this contract shall be made. It is, however, understood and agreed that in case an increase in any one item is balanced or offset by diminution of other items, no change in the term shall be made, and in any event the Engineer shall determine the amount of extension or diminution of time in respect of the relative increase or reduction in the quantities involved in the final completion.

Suspension of Work and Additional Time for Performance.

Article LVIII. The commission reserves the right of temporarily suspending the execution of the whole or any part of the work herein contracted to be done, if it shall deem it for the interest of the City so to do, without compensation to the Contractor for such suspension, other than extending the time for completing the work as much as it may have been delayed by such suspension.

Time for Completion to be Extended in Case of Delay in Acquiring Real Estate.

Article LIX. In case the Contractor shall at any time give notice to the Commission that any real estate is necessary under this contract for any of the purposes specified above, which notice shall give a brief description of such real estate, the Commission shall (if it finds that such necessity exists) begin and conduct with diligence, proceeding to acquire the real estate described; and in case the Commission shall fail to put the Contractor in possession of such real estate within three (3) months from the date of the delivery of such notice the Commission shall allow the Contractor so much additional time wherein to perform and complete this contract on his part as the Engineer shall certify in writing to be just, but no allowance by way of damages shall be made for such delay.

Extensions Not Cumulative.

Article LX. It is expressly understood, however, that the periods of extension referred to herein shall not be cumulative, but only the single period of delay giving the greatest extension shall be taken into consideration.

Permission to Complete Contract Not a Waiver.

Article LXI. The permitting of the Contractor to go on and finish the work, or any part of it, after the time fixed for its completion, or after the date to which the time for completion may have been extended, or the making of partial payments to the Contractor after any such periods, shall in no wise operate as a waiver on the part of the City of any of its rights under this contract.

IX.

Remedies in Case of Contractor's Default.

In Case of Default.

Article LXII. If the work to be done under this contract shall be abandoned by the Contractor, or if this contract shall be assigned, or the work sublet by him, otherwise than as herein specified, or if at any time the Engineer shall be of the opinion, and shall so certify in writing to the Commission that the performance of this contract is unnecessarily or unreasonably delayed, or that the Contractor is wilfully violating any of the provisions or covenants of this contract, or of the specifications, or is executing the same in bad faith or not in accordance with the terms thereof, or if the work be not fully completed within the time named in this contract for its completion, or within the time to which the completion of the contract may be extended by the Commission, the Commission may

May Take Charge of Work.

(1) Notify the Contractor, by a written notice, to discontinue all work, or any part thereof, under this contract, and thereupon the Contractor shall discontinue the work, or such part thereof, and the Commission shall thereupon have the right to contract for the completion of the Works in the manner prescribed by law, or to place such and so many persons as it may deem advisable, by contract or otherwise, to work, and complete the work herein described, or such part thereof, to take possession of and use any or all of the materials, plant, tools, equipment, supplies and property of every kind provided by the Contractor for the purpose of his work, and to procure other materials for the completion of the same, and to charge the expense of said labor and materials to the Contractor. The expense so charged shall be deducted and paid by the City out of such moneys as may be due or may at any time thereafter grow due to the Contractor under and by virtue of this contract, or any part thereof. And in case such expense shall exceed the amount which would have been payable under the contract if the same had been completed by the Contractor, he shall pay the amount of such excess to the City; and in case such expense shall be less than the amount which would have been payable under this contract if the same had been completed by the Contractor, he shall forfeit all claim to the difference; and when any particular part of the work is being carried on by the Commission, by contract or otherwise, under the provisions of this article of the contract, the Contractor shall continue the remainder of the work in conformity with the terms of this contract, and in such manner as in nowise to hinder or interfere with the persons or workmen employed, as above provided, by the Commission, by contract or otherwise, to do any part of the work, or to complete the same under the provisions of this article of the contract. And

Or Proceed Upon Bond.

(2) The City may also proceed as to the Commission shall seem proper upon the Bond or other security in its possession. And

Or May Bring Suit.

(3) The City may also bring any suit or proceeding for specific performance or for injunction or to recover damages or to obtain any relief or for any purpose proper under this contract.

X.

Miscellaneous Provisions.

Changes in the Contract.

Article LXIII. No correction or change in this contract shall be made except by written instrument duly authorized by the Commission and consented to by the Contractor and by the sureties upon his bond; but this provision shall not limit or affect the right to prescribe variations whether of construction or location of route as in this contract elsewhere provided.

Members of Commission Not Liable.

Article LXIV. No claim shall be made by the Contractor against any member of the Commission personally by reason of this contract or of any of its articles or provisions.

Contractor Not to Assign, Sublet, etc.

Article LXV. The Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this contract or his right, title or interest in or to the same or any part thereof without the previous consent in writing of the Commission, and he shall not assign by power of attorney or otherwise any of the moneys to become due and payable under this contract unless by and with the like consent. If the Contractor shall without such previous written consent assign, transfer, convey, sublet or otherwise dispose of this contract or of his right, title or interest therein or any of the moneys to become due under this contract, to any other person, company or corporation, this contract may at the option of the Commission be revoked and annulled and the City shall thereupon be relieved and discharged from any and all liability and obligations growing out of the same to the Contractor and to his assignee or transferee; and no right under this contract or to any money to become due hereunder shall be asserted against the City in law or in equity by reason of any so-called assignment of this contract or any part thereof or of any moneys to grow due hereunder unless authorized as aforesaid by the written consent of the Commission; provided that nothing herein contained shall be construed to hinder, prevent or affect an assignment by the Contractor for the benefit of his creditors made pursuant to the statutes of the State of New York.

Provisions in Case Commission Ceases.

Article LXVI. In case the Commission shall cease to exist the Legislature may provide what public officer or officers shall exercise the powers and duties of the Commission under and by virtue of this contract; and in default of such provision, such powers and duties shall be deemed to be vested in the Mayor of the City. In case any officer or officers other than the Commission shall hereafter have the powers of the Commission or any of them, then the provisions of this contract shall be applicable to such officer or officers to the extent to which the powers of the Commission shall appertain to such officer or officers, and any official act or determination of such officer or officers or of this Commission shall be sufficient hereunder, anything herein to the contrary notwithstanding, if the same be done or had by lawful vote or resolution or in such manner as the Legislature may from time to time prescribe.

Labor Law.

Article LXVII. The Contractor agrees to comply with the provisions of the Labor Law, including Section three thereof as re-enacted by Chapter 36 of the Laws of 1909. The Contractor further agrees and stipulates that no laborer, workman or mechanic in the employ of the Contractor, sub-contractor or other person doing or contracting to do the whole or a part of the work contemplated by this contract shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; and further that the wages to be paid for a legal day's work as hereinbefore defined to all classes of such laborers, workmen or mechanics upon the work contemplated by this contract or upon any material to be used upon or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the Borough of the City, where the work hereby contemplated, about or in connection with which such labor is performed, is in its final or completed form to be situated, erected or used; and that each such laborer, workman or mechanic employed by the Contractor or by any sub-contractor or other person on, about or upon the work contemplated by this contract, shall receive such wages herein provided for. This contract shall be void and of no effect, unless the Contractor shall comply with the provisions of this section. In obedience to the requirements of Section Fourteen of the Labor Law it is further provided that if the provisions of the said Section Fourteen are not complied with, this contract shall be void.

All Necessary Legal Provisions Deemed Inserted Herein.

Article LXVIII. It is the intent and understanding of the parties to this agreement that each and every provision of law required to be inserted in this contract should be and is inserted herein. Furthermore, it is hereby stipulated that every such provision is to be deemed to be inserted herein; and if, through mistake or otherwise, any such provision is not inserted or is not inserted in correct form, then the contract shall forthwith, upon the application of either party, be amended by such insertion so as to comply strictly with the law, and without prejudice to the rights of either party hereunder.

Provision in Case of Unlawful Provision.

Article LXIX. If this contract contains any unlawful provision not an essential part of the general structure of the contract and which shall not appear to have been a controlling or very material inducement to the making thereof the same shall be deemed of no effect, and shall upon the application of either party, be struck from the contract without affecting the binding force of the contract as it shall remain after omitting such provision.

In witness whereof, this contract has been executed for The City of New York by the Public Service Commission for the First District under and by resolution duly adopted by the Commission and the seal of the Commission has been hereto affixed and attested by its Secretary and these presents have been signed by its Chairman; and the Contractor has caused its corporate seal to be hereto affixed and these presents to be executed by its proper officers the day and year first above written.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT,
By .....Chairman.

Attest: .....Secretary.

State of New York, County of New York, ss.:

On the day of , 1912, before me personally appeared William R. Willcox and Travis H. Whitney, to me known and known to me to be, the said William R. Willcox, the chairman, and the said Travis H. Whitney, the secretary of the Public Service Commission for the First District, and the said William R. Willcox and Travis H. Whitney being by me duly sworn, did depose and say, each for himself and not the one for the other, the said William R. Willcox, that he resides in the Borough of Manhattan, in the City, County and State of New York, that he is the chairman of the said Commission and that he subscribed his name to the foregoing contract by virtue of the authority thereof; and the said Travis H. Whitney, that he resides in the Borough of Brooklyn, in the County of Kings, City and State of New York, that he is the secretary of the said Commission and that he subscribed his name thereto by like authority; and both the said William R. Willcox and Travis H. Whitney that they know the seal of the said Commission and that the same was affixed to the foregoing instrument by the authority of the said Commission and of a resolution duly adopted by the same.

State of New York, County of New York, ss.:

On this day of , 1912, before me personally came to me known and known to me to be the individual described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

State of New York, County of New York, ss.:

On this day of , 1912, before me personally appeared to me known, who, being by me first duly sworn, did depose and say: That he resided in , in the State of ; that he is of , the corporation described in and which executed the foregoing instrument; that he knew the corporate seal of said company; that one of the seals affixed to said contract was such corporate seal, and that it was affixed thereto by order of the Board of Directors of said company, and that he signed his name thereto by like authority.

Form of Contractor's Bond, Construction of a Part of Proposed Rapid Transit Railroad Route No. 19 and 22, Section No. 1.

Route No. 19 and 22, Section No. 1.

Know all Men by these Presents, That
of
hereinafter called the Contractor and
and
hereinafter called the Sureties are held and firmly bound unto The City of New York, hereinafter called the City, in the sum of seventy-five thousand dollars ($75,000) lawful money of the United States of America, to be paid to the City, for which payment well and truly to be made the Contractor and the Sureties do hereby bind themselves and their, and each of their, executors, administrators, successors and assigns firmly by these presents, as follows: The Contractor to be so held and bound for the full amount of the said sum of seventy-five thousand dollars ($75,000) and each of the said Sureties to be so held and bound only for a portion of said sum as follows:

The said
for the sum of
dollars ($); the said
for the sum of
dollars ($); the said
for the sum of
dollars ($); the said
for the sum of
dollars ($).

In Witness Whereof, the Contractor and the Sureties have hereunto set their hands and seals and such of them as are corporations have caused their respective seals to be hereto affixed and these presents to be attested by the proper officers, this day of 1912.

Whereas, The City by the Public Service Commission for the First District (hereinafter called the Commission) is about to enter into a contract with the Contractor bearing even date herewith for the construction of that portion of a Rapid Transit Railroad known as Section 1 of Route 19 and 22, extending from Alexander Avenue and East 138th Street to East 147th Street and Southern Boulevard in the Borough of The Bronx, in the City of New York, more particularly described in the said contract; and

Whereas, The City is about to enter into such contract with the Contractor upon the condition, and not otherwise, that this bond shall be given to the City, and upon the faith thereof,

Now, Therefore, the condition of the foregoing obligation is such that if the Contractor shall fully perform the said contract, then this obligation shall be null and void, but else it shall remain in full force and virtue.

It is expressly agreed, between the City and the Sureties (and it is upon such agreement that the City accepts this Bond) that the Sureties will and do waive any and every notice of default on the part of the Contractor; that they will and do permit the City to extend the time of the Contractor to make any payment or do any act; that no omission on the part of the City to give any notice of extension of time granted by or on behalf of the City shall be availed of by the Sureties or any of them as a defense upon this Bond; that the Sureties shall not set up or have any defense upon this Bond by reason of any alteration of the said contract unless such alteration shall be represented by a formal written instrument duly executed between the City and the Contractor which shall have been duly authorized by a vote of the Commission; and that in case of such alteration, however made, the same shall be a defense to the Sureties only to the extent of the actual injury or damage caused to the Sureties by said alteration.*

Form of Contractor's Proposal for Construction of a Part of a Rapid Transit Railroad Route No. 19 and 22, Section No. 1.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

Route No. 19 and 22, Section No. 1.

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors
Copy of Form of Contract
Copy of Form of Bond

To the Public Service Commission for the First District:

1. The undersigned† do hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section No. 1 of Route No. 19 and 22, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

SCHEDULE OF UNIT PRICES.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This column not to be used by Bidder. Amount.
1	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	176,500	.....
2	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	1,000	.....
2a	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....	.....	8,600	.....
3	For rock excavation, (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	189,000	.....
3a	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	5,700	.....
4	For underpinning buildings, including all incidental work and material, per lineal front ft. of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....	.....	500	.....
	(b) For buildings from seven to twelve stories in height, per front foot.....	.....	0	.....
	(c) For buildings over twelve stories in height per front foot.....	.....	0	.....
6	For concrete masonry in place, per cubic yard	.....	41,500	.....
7	For protective concrete masonry in place outside of waterproofing, per cubic yard..	.....	5,550	.....
8	For rubble stone masonry in place, per cubic yard	.....	50	.....

*The execution of the bond must be duly proved before delivery in the form essential to proof to entitle a deed to record in the State of New York. Full affidavits of justification of sureties must be added.

† The bidder's name must be inserted here. If the bid is submitted by a corporation, the full legal title must be given here and a certified copy of the certificate of incorporation must be submitted, together with an affidavit showing the amount of stock paid in in cash and the names and addresses of the directors and principal officers. If it be a foreign corporation, proof must also be submitted of its authority to transact business in the State of New York. In case the bidder has already filed such papers with the Commission in connection with another bid he may so state and omit such papers in this instance. If the bid is submitted by a firm, the above blank must be filled up in the following form: "The firm of A. B. & Co., composed of A. B., C. D., etc." (giving the names of all the partners).

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This column not to be used by Bidder. Amount.
8a	For dry rubble masonry, in place, per cubic yard	.....	50	.....
9	For brick masonry, in place, per cubic yard	.....	350	.....
10	For hollow terra cotta brick masonry in place, per cubic yard	.....	125	.....
11	For grout of Portland cement, per barrel of Portland cement used	.....	100	.....
12	For timber piles, in place, and prepared, per lineal foot	.....	1,000	.....
13	For timber foundations, placed and fastened, per thousand foot B. M.	.....	2 M	.....
14	For broken stone or gravel in place, other than that used in concrete, per cubic yard	.....	575	.....
15	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	17,700	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	42,400	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	300	.....
16	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	1,930	.....
17	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot	.....	100	.....
	(b) For 10-inch vitrified pipe, per lineal foot	.....	100	.....
	(c) For 8-inch vitrified pipe, per lineal foot	.....	6,550	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	100	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	100	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	8,200	.....
	(i) For 10-inch cast-iron pipe, per lineal foot	.....	0	.....
17a	For cast-iron pipe and fittings, including specials, "extra heavy," in place, as follows:			
	(a) For 3-inch, per lineal foot	.....	0	.....
	(b) For 4-inch, per lineal foot	.....	0	.....
	(c) For 6-inch, per lineal foot	.....	30	.....
	(d) For 8-inch, per lineal foot	.....	0	.....
18	For tunnel ducts, in place, as required by Section No. 407 of the specifications, per duct foot	.....	273,000	.....
19	For riveted steel, painted and erected, per ton of two thousand pounds	.....	2,035	.....
20	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	3,650	.....
21	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	170	.....
25	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds	.....	68	.....
26	For special wire forms, in place, per pound	.....	100	.....
27	For one and one-half inch (1½-in.) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	10,800	.....
28	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	10,550	.....
29	For vault lights, in place, per square foot	.....	5,000	.....
30	For street surface restored:			
	(a) Sidewalks, including curbs and all structures and growths therein or thereon, per square yard	.....	6,000	.....
	(c) For repavement of roadways between curb lines over off-line sewers, pipes or other sub-surface structures, per square yard	.....	300	.....
32	For wrought-iron electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-in.) wrought iron, per lineal foot	.....	8,140	.....
	(b) For one and one-half inch (1½-in.) wrought-iron, per lineal foot	.....	275	.....
	(c) For two-inch (2-in.) wrought iron, per lineal foot	.....	100	.....
	(d) For one-inch (1-in.) wrought iron, per lineal foot	.....	0	.....
33	For cast-iron outlet boxes, in place, in stations, each	.....	361	.....
33a	For cast-iron pull boxes, in place, in stations, each	.....	18	.....
34	For cast-iron pipe and fittings, including specials ("extra heavy"), in place, in stations, as follows:			
	(a) For six-inch (6-in.), per lineal foot	.....	441	.....
	(b) For three-inch (3-in.), per lineal foot	.....	0	.....
	SEWERS.			
	Vitrified and Cast-iron Pipe.			
37	For 12-inch vitrified pipe sewer, per lineal foot	.....	6,100	.....
38	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,800	.....
39	For 18-inch vitrified pipe sewer, per lineal foot	.....	1,200	.....
40	For 20-inch vitrified pipe sewer, per lineal foot	.....	600	.....
40a	For 22-inch vitrified pipe sewer, per lineal foot	.....	100	.....
41	For 24-inch vitrified pipe sewer, per lineal foot	.....	700	.....
42	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	60	.....
43	For cast-iron sewer pipe (special casting) in place in the work, per ton of two thousand pounds	.....	30	.....
	Egg-shaped Brick or Concrete Sewers.			
45	For 3 ft. 6 in. x 2 ft. 4 in., per lineal foot	.....	300	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete.			
52	For 3 ft. 9 in., per lineal foot	.....	500	.....
	SURFACE AND SUBSURFACE STRUCTURES. (*Except for Sewers.*)			
75	For street surface railroads, including the support, re-construction, re-building, etc., where necessary (but not including permanent masonry supports, if required and added, and not including additional vaults, if required and constructed in excess of the number existing), as follows:			
	(a) For electric (underground trolley) railroads, per lineal foot of single track	.....	0	.....
	(b) For horse, storage battery or other independent motor operated railroads, per lineal foot of single track	.....	0	.....
	(c) For electric (overhead trolley) railroads, per lineal foot of single track	.....	13,850	.....
76	For temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column	.....	8	.....
	PIPES IN STREETS.			
	For Work and Material as Called for by Section No. 60 of the Specifications.			
	Water and Gas Pipes.			
	Water Pipes.			
	For water pipes in place, as follows:			
79	For 6-inch water pipe, per lineal foot	.....	424	.....
82	For 12-inch water pipe, per lineal foot	.....	4,911	.....
84	For 20-inch water pipe, per lineal foot	.....	250	.....
87	For 36-inch water pipe, per lineal foot	.....	1,205	.....
	Gas Pipes.			
	For gas pipes in place, as follows:			
91	For 6-inch gas pipe, per lineal foot	.....	10	.....
92	For 8-inch gas pipe, per lineal foot	.....	1,476	.....
94	For 12-inch gas pipe, per lineal foot	.....	610	.....
95	For 16-inch gas pipe, per lineal foot	.....	1,651	.....
96	For 20-inch gas pipe, per lineal foot	.....	1,264	.....
97	For 24-inch gas pipe, per lineal foot	.....	1,798	.....
98	For 30-inch gas pipe, per lineal foot	.....	100	.....
	By-passing Gas Pipes.			
99a	For by-passing pipes upon or below the street surface, in place, as follows:			
	(a) For 6-inch by-passing pipe, per lineal foot	.....	8,800	.....
	(b) For 8-inch by-passing pipe, per lineal foot	.....	0	.....
	(c) For 10-inch by-passing pipe, per lineal foot	.....	0	.....
	(d) For 12-inch by-passing pipe, per lineal foot	.....	0	.....
	(e) For 16-inch by-passing pipe, per lineal foot	.....	0	.....
	(f) For 20-inch by-passing pipe, per lineal foot	.....	0	.....
99b	For by-passing pipes above the street surface, in place, as follows:			
	(a) For 12-inch by-passing pipe, per lineal foot	.....	0	.....
	(b) For 16-inch by-passing pipe, per lineal foot	.....	0	.....
	(c) For 20-inch by-passing pipe, per lineal foot	.....	0	.....
	(d) For 24-inch by-passing pipe, per lineal foot	.....	8,800	.....
	(e) For 30-inch by-passing pipe, per lineal foot	.....	0	.....
	(f) For 36-inch by-passing pipe, per lineal foot	.....	0	.....
	(g) For 42-inch by-passing pipe, per lineal foot	.....	0	.....
	(h) For trestle support, per lineal foot	.....	8,800	.....
	New Cast-iron Hub and Spigot Water and Gas Pipe.			
100	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	91	.....
101	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	7	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75.)			
127	For electric ducts and conduits, in place, as provided in Section No. 62 of the specifications, per duct foot	.....	1,708	.....
127a	For wrought-iron pipe used as electric ducts and conduits, in place, as provided in Section No. 62 of the specifications:			
	(a) For 2½-inch wrought-iron pipe, per lineal foot	.....	200	.....
	(b) For 3-inch wrought-iron pipe, per lineal foot	.....	200	.....
	(c) For 3½-inch wrought-iron pipe, per lineal foot	.....	0	.....

(2) If this proposal is accepted, the undersigned will within ten days after delivery of notice, execute and deliver the contract with the City in the form aforesaid and at the same time will deliver to the Comptroller of The City of New York pursuant to the terms of the said contract *a bond in the sum of seventy-five thousand dollars* ($75,000) *in the form hereto annexed with the following named Sureties, viz.:**

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. , on the floor of the building No. , in the Borough of , in the City of New York. Such delivery shall be sufficient notice to the undersigned.

* The bidder may, under the Rapid Transit Act, deposit cash or approved securities, in lieu of a bond; and the bidder, if desirous of so doing, may so state here, and strike out the words in italics.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that the Contractor's Proposal is accepted and that the proposed contract is consented to by the Board of Estimate and Apportionment, then if the undersigned shall fail within ten days thereafter or within such longer period as may be prescribed by the Commission to procure the above described bond to be duly executed and delivered or make the said deposit in cash or securities; or if the undersigned shall fail to procure the contract to be duly executed and delivered as aforesaid, then the Invitation to Contractors and this Contractor's Proposal shall constitute a contract binding the undersigned to pay to the City the damages by it sustained by reason of such failure of the undersigned, as provided in said Invitation to Contractors. And the undersigned hereby assigns to the City the said sum so specially deposited by the delivery of such certified check, subject only to the condition that if this Proposal shall not be accepted, or if it shall be accepted and the undersigned shall within ten days after notice as aforesaid or any longer period prescribed by the Commission, execute the said contract and procure the said bond to be duly executed and delivered or make the said deposit in cash or securities, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except†.

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated , 1912.

Affidavit of Verification.

City and County of New York, State of New York, ss.:

, being duly sworn, says: I am‡ , the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this day of , 1912.

Schedule of Securities.

(Note—If the bidder desires not to give a bond, but to deposit securities in lieu thereof, a description of the securities to be deposited for that purpose must be inserted below.

All securities when delivered must be payable to, or run in favor of, or be transferred to, the Comptroller of The City of New York.)

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, September 17, 1912.

To the Board of Estimate and Apportionment:

Gentlemen—On September 16, 1912, the Public Service Commission for the First District requested consent to the awarding to the John F. Stevens Construction Company, the low bidder, of the contract for the construction of Section 1, Route 19-22, being that portion of the Southern Boulevard and Westchester Avenue Rapid Transit Railroad, extending under East 138th street and Southern boulevard, in The Bronx, from about 100 feet south of Alexander avenue to about 270 feet north of East 147th street, with stations at Brook avenue, Cypress avenue and St. Marys street.

In the communication the Public Service Commission requested that the limit to the amount of bonds to be made available to meet the requirements of said contract be set at $2,253,281.75, and that the Comptroller be requested to issue bonds to that amount.

I recommend that the Board of Estimate and Apportionment consent to the award of contract for Section 1, Route 19 and 22, and that it authorize corporate stock to be issued to the amount of $2,253,281.75 to meet the requirements of said contract.

Attached hereto is a resolution which prescribes a limit to the amount of bonds available for the contract and authorizes the necessary corporate stock.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 37 of the Rapid Transit Act, being chapter 4 of the Laws of 1891, as amended, and the provisions of section 45 of the Greater New York Charter, and the requisition of the Public Service Commission for the First District, duly made by the Chairman and Secretary thereof on September 16, 1912, the Board of Estimate and Apportionment hereby consents to the proposed contract to be entered into between the John F. Stevens Construction Company and The City of New York, acting by the Public Service Commission for the First District, for the following purposes:

For the construction in the Borough of The Bronx of Section 1, Route 19-22, known as the Southern Boulevard and Westchester Avenue Rapid Transit Railroad, beginning at a point under East 138th street, about one hundred (100) feet east of the east line of Alexander avenue, and extending thence under East 138th street, private property, and Southern boulevard to a point under Southern boulevard about two hundred and seventy (270) feet north of the northeast corner of East 147th street, with stations at Brook avenue, Cypress avenue and St. Marys street, at a cost not to exceed two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75); and be it further

Resolved, That the Board of Estimate and Apportionment prescribes that the limit to the proceeds of corporate stock available for the said purposes shall be two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75); and be it further

Resolved, That the Comptroller be and he is hereby authorized and directed to issue corporate stock of The City of New York to the amount of two million two hundred and fifty-three thousand two hundred and eighty-one dollars and seventy-five cents ($2,253,281.75) at such rate of interest as the Commissioners of the Sinking Fund shall prescribe, the proceeds to the amount of the par value thereof to be applied to the purposes mentioned in the communication of the Public Service Commission for the First District to this Board, dated September 16, 1912.

Which was adopted by the following vote:

Affirmative—The Mayor, the Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, and Richmond—15.

Negative—The President of the Borough of Queens—1.

On motion, the Board adjourned to meet Thursday, October 24, 1912, at 10.30 o'clock a. m. JOSEPH HAAG, Secretary.

† Here insert the names and addresses of all persons interested with the bidder. If there are no such persons, strike out the word "except."

‡ If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of "; if a corporation, say, "the (President or other officer duly authorized) of the Company."

Department of Water Supply, Gas and Electricity.

(Received at the City Record Office October 24, 1912.)

Report of transactions for the week ending March 9, 1912:

Statement of Collections, Bureau of Water Register—All Boroughs, $100,-182.14.

Contracts Entered Into.

Furnishing Supplies—Dated March 7, 1912; contractor, Brooklyn Lumber Company; surety, National Surety Company; estimated cost, $1,087.55.

Furnishing Supplies—Dated March 6, 1912; contractor, George T. Montgomery; surety, Empire State Surety Company; estimated cost, $1,296.05.

Furnishing Supplies—Dated March 4, 1912; contractor, Alfred Chatwin Supply Company; surety, Empire State Surety Company; estimated cost, $940.37.

Chlorinating Plant at Katonah, N. Y.—Dated March 5, 1912; contractor, Altrades Building Repair Company; surety, Massachusetts Bonding & Insurance Company; estimated cost, $1,980.

Changes in the Working Force.

Manhattan.

Appointed—Peter C. Richard, 81 Madison st.; Nicholas Mulhall, 3423 Avenue D, Brooklyn; Treve H. Collins, 646 Marcy ave., Brooklyn, and Ernest Winter, 1343 Mulford place, Bronx, Temporary Bookkeepers, at $1,500 per annum.

John A. Reilly, 950 Union ave., Bronx, Temporary Inspector of Light and Power, at $1,200 per annum.

David G. O'Hara, 3405 Olinville ave., Bronx; Michael P. Kearin, 134 East 24th st.; Bernhard Stern, 173 West 141st st., and Frank J. O'Hara, Temporary Inspectors of Electrical Conductors, at $1,200 per annum.

Russell R. Brown, 589 Mulford st.; Francis T. Smits, 414 Lincoln ave., Bronx; John J. Ratigan, 803 Amsterdam ave., and Thomas J. Coglan, Storekeepers, at $1,200 per annum.

Richard J. Barrett, Jr., 980 Putnam ave., Brooklyn, Clerk, at $540 per annum.

Paul Hunter, 235 East 3rd st., Brooklyn, Topographical Draftsman, at $1,500 per annum.

Three Laborers at $2.50 per day.

Increased—L. A. James, 5 West 83rd st., Auditor, from $3,500 to $4,500 per annum, February 1, 1912.

Louis Schnitt, 309 Wyona st., Brooklyn, Junior Draftsman, from $900 to $1,050 per annum.

Resigned—Frank J. O'Connor, 1701 Madison ave., Junior Draftsman; Robert E. Wise, Cold Spring, N. Y., Assistant Engineer.

Deceased—Morris Roe, Inspector of Meters and Water Consumption.

Brooklyn.

Appointed—1 Machinist at $4.50 per day.

Increased—William C. Higgins, Clerk, 197 St. Johns place, Brooklyn, from $1,050 to $1,200 per annum.

Promoted—Andrew Boyle, 943 Pacific st., Brooklyn, from Machinist to Foreman of Machinists, $4.50 to $5 per day.

Transferred to Department of Charities—William J. Holmes, 159 Huntington st., Stationary Engineer.

J. W. F. BENNETT, Deputy Commissioner.

Report of transactions for the week ending March 16, 1912:

Statement of Collections, Bureau of Water Register—All Boroughs, $86,440.95.

Contracts Entered Into.

Supplies—Dated March 16, 1912; contractor, The Manhattan Supply Company; surety, U. S. Guarantee Company; estimated cost, $3,071.01.

Supplies—Dated March 13, 1912; contractor, Cavanagh Bros.; surety, U. S. Fidelity and Guaranty Company; estimated cost, $584.62.

Hauling and Laying Water Mains in various streets in the Borough of Brooklyn—Dated March 15, 1912; contractor, Robert Carter & Company; surety, The Empire State Surety Company; estimated cost, $25,882.31.

Frame Sheds, Gatehouse No. 5, Jerome Park Reservoir—Dated March 12, 1912; contractor, William Horne Company; surety, The Empire State Surety Company; estimated cost, $2,320.

Fire Hydrants—Dated March 11, 1912; contractor, The A. P. Smith Manufacturing Company; surety, Illinois Surety Company; estimated cost, $14,492.50.

Wet Connection Sleeves and Tapping Valves—Dated March 12, 1912; contractor, Trenton Foundry and Machine Company; surety, American Surety Company of New York; estimated cost, $19,536.40.

Pump Slip Indicators, 179th st. and Jerome ave. Pumping Station—Dated March 12, 1912; contractor, The Pitometer Company; surety, National Surety Company; estimated cost, $2,000.

Section 2, Furnishing, etc., Water Mains in 67th and 76th sts., 7th and 11th aves., Brooklyn—Dated March 12, 1912; contractor, Murphy Bros.; surety, American Surety Company; estimated cost, $41,-777.66.

Lubricants—Dated March 13, 1912; contractor, Independent Refiners Sales Company; surety, U. S. Fidelity and Guaranty Company; estimated cost, $419.76.

Coal—Dated March 14, 1912: contractor, Gavin Rowe; surety, Empire State Surety Company; estimated cost, $4,455.

Changes in the Working Force.

Manhattan.

Appointed—James P. Colonel, 1260 Clay ave., Bronx, Temporary Gas Inspector at $1,200 per annum; Edward Raffin, 110 Mt. Hope pl., Mechanical Draftsman at $1,500 per annum; Fred G. Robinson, 1282 E. 10th st., Brooklyn, Clerk at $600 per annum; George P. Stemler, 540 Grand ave., Brooklyn, Stenographer and Typewriter at $1,200 per annum; 1 Caulker (temporary) at $4 per day; 3 Laborers at $2.50 per day.

Resigned—Frederick R. Hutton, 257 W. 86th st., Consulting Engineer; Bernard A. Knoring, 1644 Madison ave., Gas Inspector.

Retired on Pension—Peter Kiernan, 2060 Ryer ave., Inspector of Masonry, retired on pension of $750 per annum.

Removed—Louis W. Birdsley, 1760 Walton ave., Bronx, Temporary Gas Inspector.

Increased—Joseph Gill, 504 W. 143d st., Clerk, from $1,650 to $1,800 per annum; Otto Ebbinghaus, 752 E. 200th st., Mechanical Draftsman, from $1,350 to $1,500 per annum.

Bronx.

Appointed—Two Plumbers at $5.50 per day.

Brooklyn.

Appointed—Joseph Reilly, 664 9th ave., Inspector of Meters and Water Consumption at $1,100 per annum; Hugh Chamberlain, 45 Snedeker ave., Brooklyn, Clerk at $300 per annum; Patrick F. Burke, Foster Meadow, L. I., Stationary Engineer at $4.50 per day.

Retired on Pension—Frank McDonald, 212 Hale st., Brooklyn, Stoker, pension of $447.32 per annum.

Resigned—Emil Davids, 1160 Halsey st., Brooklyn, Telephone Operator; James F. Rafferty, 1505 E. 4th st., Stationary Engineer.

Removed on Charges—James A. Byrne, 243 13th st., Brooklyn, Oiler.

Transferred to Park Department (Queens)—John F. Durney, 1372 E. 14th st., Brooklyn, Transitman.

Queens.

Appointed—Wilbur A. Hoch, 29 1st pl., Long Island City, Clerk at $900 per annum; two Laborers at $2.50 per day.

Richmond.

Promoted—One Laborer to Machinist, $2.50 to $4.50 per day.

J. W. F. BENNETT, Deputy Commissioner.

Report of transactions for the week ending March 23, 1912:

Statement of Collections, Bureau of Water Register, all Borougns, $90,658.53.

Contracts Entered Into.

Water Mains—Dated March 21, 1912; contractor, Leo E. Kelly; surety, Empire State Company; estimated cost, $46,367.16.

Water Mains—Dated March 18, 1912; contractor, A. B. Nicholas, Inc.; surety, Title Guaranty & Surety Company; estimated cost, $40,520.71.

Water Mains—Dated March 18, 1912; contractor, Beaver Engineering & Contracting Company; surety, Empire State Company; estimated cost, $27,790.38.

Water Mains—Dated March 25, 1912; contractor, Murphy Bros.; surety, American Company and American Bond Company of Baltimore; estimated cost, $131,-950.30.

Changes in the Working Force.

Manhattan.

Appointed—Samuel Siegel, 1325 Park ave., Bronx, Clerk at $900 per annum.

Removed on Charges—Frank C. Nugent, Clerk.

Transferred to Fire Department—John F. Ashmead, 349 W. 57th st., Draftsman.

Queens.

Appointed—Jacob Cohen, 293 Saratoga ave., Brooklyn, Clerk at $600 per annum; one Laborer at $2.50 per day.

Richmond.

Resigned—One Stoker.

J. W. F. BENNETT, Deputy Commissioner.

Report of transactions for the week ending March 30, 1912:

Statement of Collections, Bureau of Water Register, all Boroughs, $110,341.89.

Contracts Entered Into.

Water Mains—Dated March 25, 1912; contractor, Murphy Bros.; sureties, American Surety Company and American Bond Company of Baltimore; estimated cost, $131,950.30.

Supplies (Engineering)—Dated March 25, 1912; contractor, Koelsch & Company; surety, Title Guaranty & Surety Company; estimated cost, $1,168.76.

Supplies (Engineering)—Dated March 26, 1912; contractor, Dietzgen & Company; surety, National Surety Company; estimated cost, $218,38.

Supplies (Engineering)—Dated March 27, 1912; contractor, Keuffel & Esser Company; surety, American Fidelity Surety Company; estimated cost, $265.44.

Supplies (Engineering)—Dated March 25, 1912; contractor, Favor, Ruhl Company; surety, Empire State Company; estimated cost, $276.41.

Engineer's Residence—Dated March 29, 1912; contractor, M. D. Lundin; surety, National Surety Company; estimated cost, $1,095.

Changes in the Working Force.

Manhattan.

Appointed—Joseph E. Graef, 1034 E. 14th st., Expert Accountant at $3,500 per annum; William D. Corcoran, 1006 E. 177th st.; Edward E. Grigg, 828 Jackson ave., Bronx; Samuel C. Brooks, 27 St. Johns pl., Brooklyn, and Charles R. Davis, 285 Pacific st., Brooklyn, Inspectors of Meters and Water Consumption at $1,100 per annum; one Machinist's Helper at $3 per day; Joseph P. Hanrahan, 572 Park ave., Temporary Inspector of Light and Power at $1,200 per annum; Egbert D. Case, 167 W. 88th st., Temporary Assistant Engineer (Pitometer) at $1,800 per annum.

Resigned—J. W. Frescoln, 229 S. 4th st., Brooklyn, Assistant Engineer; Theron Jones, 138 Powell st., Brooklyn, Telephone Operator.

Increased—William J. Irving, Architectural Draftsman, from $900 to $1,350 per annum.

Brooklyn.

Title Changed—One Laborer to Driver; one Stoker to Oiler.

J. W. F. BENNETT, Deputy Commissioner.

DEPARTMENT OF FINANCE.

Abstract of the Transactions of the Bureau of the Chamberlain for the Week Ending September 21, 1912.

Office of the Chamberlain, New York, October 8, 1912.

Hon. WILLIAM J. GAYNOR, Mayor:

Sir—In pursuance of section 196, chapter 466 of the Laws of 1901, I have the honor to present herewith a report to September 21, 1912, of all moneys received by me and the amount of all warrants paid by me since September 14, 1912, and the amount remaining to the credit of the City on September 21, 1912. Very respectfully,

ROBERT R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending September 21, 1912.

1912.	Cr.				
Sept. 14	By Balance				$28,307,951 52
" 21	Taxes:				
	Borough of Manhattan	Ebstein	$229,395 67		
	Borough of The Bronx	"	32,036 95		
	Borough of Brooklyn	"	82,681 90		
	Borough of Queens	"	19,051 58		
	Borough of Richmond	"	4,974 98	$368,741 08	
	Water Meter Fund No. 2, Borough of Manhattan	Ebstein		20 99	
	Water Meter Fund No. 2, Borough of The Bronx	"		54 24	
	Water Rents, Borough of Brooklyn	"		3,886 24	
	Water Rents, Borough of Queens	"		263 25	
	Arrears of Taxes, 1899, etc.:				
	Borough of Manhattan	Collector Assessments	$91,022 44		
	Borough of The Bronx	"	20,424 63		
	Borough of Brooklyn	"	58,291 37		
	Borough of Queens	"	22,496 84		
	Borough of Richmond	"	8,256 10	200,494 38	
	Street Improvement Fund, Jan. 1, 1898:				
	Borough of Manhattan	Collector Assessments	$5,351 01		
	Borough of The Bronx	"	17,257 22		
	Borough of Brooklyn	"	37 905 99		
	Borough of Queens	"	10.464 76		
	Borough of Richmond	"	3,364 13	74,343 11	
	Interest on Assessments—Street Improvement Fund:				
	Borough of Manhattan	Collector Assessments	$174 08		
	Borough of The Bronx	"	1.405 98		
	Borough of Brooklyn	"	2,363 58		
	Borough of Queens	"	1,139 91		
	Borough of Richmond	"	796 92	5,880 42	
	Fund for Street and Park Openings:				
	Borough of Manhattan	Collector Assessments	$886 41		
	Borough of The Bronx	"	4,920 98		
	Borough of Brooklyn	"	26,922 18		
	Borough of Queens	"	8,597 46		
	Borough of Richmond	"	173 77	41,500 80	
	Water Meter Fund No. 2, Borough of Manhattan	Collector of Assessments.		92 24	
	Williamsbridge Sewer Fund, Borough of The Bronx	"		21 16	
	Interest on 26th Ward Bonds, Borough of Brooklyn	"		6 38	
	Principal and Interest on 26th Ward Bonds, Borough of Brooklyn	"		493 45	
	Sewer Assessments, 29th Ward, Installments, Borough of Brooklyn	"		55 54	
	Opening and Grading Assessments, 31st Ward, Installments, Borough of Brooklyn	"		168 75	
	Flatbush Avenue Improvement, 29th Ward, Installments, Borough of Brooklyn	"		245 96	
	Opening, etc., Bedford Ave., Borough of Brooklyn	"		69	
	Water Meter Fund, 1898 and Subsequently, Borough of Brooklyn	"		46 98	
	Water Revenue—Arrears of Water Rents, 1898, and Subsequently, Borough of Brooklyn	Collector Assessments	$1,546 16		
	Water Revenue—Interest on Water Rents, 1898, and Subsequently, Borough of Brooklyn	"	156 83	1,702 99	
	Water Rents, Long Island City, Borough of Queens	Collector of Assessments.		159 85	
	Interest on Water Rents, Long Island City, Borough of Queens	"		27 33	
	Water Rents, Village of College Point, Borough of Queens	"		192 96	
	Interest on Water Rents, Village of College Point, Borough of Queens.	"		12 91	
	Water Rents, Village of Whitestone, Borough of Queens	"		16 32	
	Interest on Water Rents, Village of Whitestone, Borough of Queens	"		3 61	
	Water Rents, Village of Bayside, Borough of Queens	"		75 05	
	Interest on Water Rents, Village of Bayside, Borough of Queens	"		5 98	
	Water Rents, Village of Flushing, Borough of Queens	"		10 88	
	Interest on Water Rents, Village of Flushing, Borough of Queens	"		4 03	
	Brooklyn Bridge Revenue, 1912	O'Keeffe		9,572 07	
	Brooklyn Bridge Maintenance and Repairs, 1912	"		29 52	
	Williamsburgh Bridge Maintenance Fund	"		4,813 45	
	Water Meter Fund, Borough of Brooklyn	Thompson		60 40	
	Water Revenue, Borough of Brooklyn	"		597 75	
	Water Rents, Borough of Brooklyn	"		38,125 91	
	Water Rents, Borough of Queens	"		7,495 29	
	Water Meter Fund, Borough of Queens	"		32 27	
	Water Meter Fund No. 2, Borough of Manhattan	"		54 43	
	Excise Taxes, New York County	McAvoy	$76 25		
	Excise Taxes, Kings County	Regan	78 75		
	Excise Taxes, Richmond County	Murphy	5 00	160 00	
	Restoring and Repaving, Borough of Manhattan	McAneny		2,413 51	
	Restoring and Repaving, Borough of The Bronx	Miller		494 13	
	Restoring and Repaving, Borough of Brooklyn	Steers		3,218 36	
	Restoring and Repaving, Borough of Queens	Connolly		289 51	
	Restoring and Repaving, Borough of Richmond	Cromwell		770 63	
	Forfeited Recognizances, New York County	Whitman		4,150 00	
	Contract Payments in Suspense	Comptroller		20,350 00	
	New Water Supply, The City of New York	Buncke	$1,876 87		
		Timmerman	38 67	1,915 54	
	Sewer Inspection and Repairs, Borough of Richmond	Cromwell		36 00	
	Fund for Topographical Bureau, Borough of Richmond	"		1 60	
	Fund for Topographical Bureau, Borough of The Bronx	Miller		2 70	
	Construction of Private Sewers, Borough of Brooklyn	Steers		90 95	
	Construction of Private Sewers, Borough of Queens	Connolly		140 00	
	Warrant Returned by Payee Held in Suspense	Comptroller		47 75	
	Sale of Unused Ballots	Board of Elections		290 00	
	Water Supply	Timmerman		23 65	
	Department of Finance			18 33	

1912.	Cr.			
Sept. 21	By Police Department — Acquiring of Land, etc	Comptroller		$200 00
	Repairing Streets Between Tracks	Cromwell		10,471 32
	General Fund:			
	Interest on Taxes:			
	Borough of Manhattan	Ebstein	$3,619 35	
	Borough of The Bronx	"	524 51	
	Borough of Brooklyn	"	1,480 32	
	Borough of Queens	"	329 99	
	Borough of Richmond	"	67 51	$6,021 68
	Water Rents, Village of Flushing, Borough of Queens	Ebstein		51 14
	Water Rents, Borough of Richmond	"		97 35
	Interest on Arrears of Taxes, 1899, etc.:			
	Borough of Manhattan	Col. As'mts.	$8,297 99	
	Borough of The Bronx	"	1,870 97	
	Borough of Brooklyn	"	5,126 05	
	Borough of Queens	"	2,049 48	
	Borough of Richmond	"	1,548 81	19,793 30
	Interest on Assessments—Street and Park Openings:			
	Borough of Manhattan	Col. As'mts.	$50 83	
	Borough of The Bronx	"	404 86	
	Borough of Brooklyn	"	344 95	
	Borough of Queens	"	292 72	
	Borough of Richmond	"	17 80	1,111 16
	Interest on Water Meter Fund No. 2, Borough of Manhattan	Collector Assessments		23 88
	Advertising Charges on Sales, Borough of The Bronx	"		27 00
	Interest on Tax Lien Sales Receivable, Borough of Brooklyn	"		18 35
	Interest on Interest on 26th Ward Bonds, Borough of Brooklyn	"		2 34
	Interest on Principal and Interest on 26th Ward Bonds, Borough of Brooklyn	"		30 17
	Interest on Assessments Borough of Brooklyn	"		18 23
	Interest on Opening, etc., Bedford Ave., Borough of Brooklyn	"		09
	Interest on Water Meter Fund, Borough of Brooklyn	"		6 47
	Advertising Charges on Sales, Borough of Brooklyn	"		36 74
	Advertising Charges on Sales, Borough of Queens	"		67 50
	Water Rents, Village of Flushing, Borough of Queens	"		45 03
	Interest on Water Rents, Village of Flushing, Borough of Queens	"		6 77
	Arrears of Water Rents, Borough of Richmond	"		1,857 24
	Interest on Water Rents, Borough of Richmond	"		129 53
	Advertising Charges on Sales, Borough of Richmond	"		57 00
	Sundry Licenses, Boroughs of Manhattan and The Bronx	Wallace		611 00
	Sundry Licenses, Borough of Brooklyn	"		462 75
	Sundry Licenses, Borough of Queens	"		59 00
	Sundry Licenses, Borough of Richmond	"		12 00
	Department of Finance—Miscellaneous	Comptroller		747 44
	Department of Finance—Collector City Revenue	"		626 37
	Department of Finance—City Paymaster	"		10 00
	Department of Water Supply, Gas and Electricity, Borough of Manhatta	Thompson		913 96
	Department of Water Supply, Gas and Electricity, Borough of The Bronx	"		158 63
	Department of Docks and Ferries	Tomkins		25
	Commissioner of Licenses	Robinson		250 00
	Chamberlain's Commissions	Moore		1,898 35
	Licenses	Cashman		1 00
	Sheriff's Fees, Kings County	Law		376 41
	Sheriff's Fees, Queens County	Quinn		92 22
	Public Service Commission	Whitney		974 35
	President of the Borough of Manhattan	McAneny		1,305 56
	President of the Borough of The Bronx	Miller		409 18
	President of the Borough of Brooklyn — Bureau of Sewers	Steers		1,316 17
	President of the Borough of Brooklyn— Superintendent of Buildings	"		74
	President of the Borough of Queens	Connolly		349 20
	President of the Borough of Richmond	Cromwell		2 94
	Water Rents, Flushing and Newtown, Borough of Queens	Thompson		627 70
	Water Rents, Borough of Richmond	"		1,420 [illegible]
	Interest on Assessments for Street and Park Openings, Boroughs of Manhattan and The Bronx	Collector Assessments.		8 04
	Interest on Assessments, Borough of Brooklyn	"		125 19
	Interest on Arrears of Taxes, 1897, etc., Borough of Queens	"		78 11
	Fees for Leases	"		1 00
	Interest on Arrears of Taxes, 1897, etc., Borough of Richmond	"		11 08
				42,234 63
	Suspense Account — Sales of Real Estate—Board of Education, 1176	Cook		1,012 41
	Board of Elections, 728	Comptroller		17 42
	Department of Docks and Ferries, 1912-162	Tomkins		3 00
	Department of Education, General School Fund, 1912—1123	Comptroller	45 06	
		Cook	27 50	32 56
	Department of Education — General School Fund 1912—1124	Comptroller		26 39
	Department of Education — Special School Fund, 1912—1157	Timmerman		100 00
	Department of Education — Special School Fund, 1912—1153	"		16 10
	Department of Correction, 1912—250	"		60 00
	Department of Health, 1912—293	"		24 75
	Department of Public Charities, 1912—576	"		1 61
	Fire Department, 1912—855	"		26 61
	Fire Department, 1912—857	"		22 58
	Fire Department, 1912—881	"		3 83
	Fire Department, 1912—884	Comptroller		52 91
	Municipal Court, City of New York, 1912—1366	Timmerman		37 64
	President of the Borough of Brooklyn, 1912—1972	"		38 31
	President of the Borough of Brooklyn, 1912—1935	"		71 32
	President of the Borough of Brooklyn, 1912—1936	"		19 35

1912.	Cr.			
Sept. 21	President of the Borough of Brooklyn, 1912—1981	Timmerman		$40 50
	President of the Borough of Queens, 1912—2072	Connolly		188 00
	President of the Borough of Richmond, 1912—2118	Cromwell		19 28
	Revenue Bond Fund for Municipal Garage	O'Keeffe		607 20
	Proceeds of Sale of 4½ per cent. Corporate Stock Notes for Various Municipal Purposes	Corn Exchange Bank	$300,000 00	
		N. Y. Railway Co.	775,000 00	
		Interborough Rapid Transit Co.	2,225,000 00	
		Southern Bank Saving Institution	75,000 00	
				3,375,000 00
	Proceeds of Sale of 4½ per cent. Corporate Stock Notes to Provide Supply of Water	N. Y. Railway Co.		1,000,000 00
	4 17/32 per cent. Special Revenue Bonds, 1912	Blake Bros. Co.		50,000 00
	4⅜ per cent. Revenue Bonds, 1912	Manhattan R. Est.	$10,000 00	
		N. Y. R. Est.	65,000 00	
	4 21/32 per cent. Revenue Bonds. 1912	Blake Bros. Co.	2,000,000 00	
				2,075,000 00
	4 per cent. Revenue Bills, 1912	Kissel	$99,495 89	
	4⅜ per cent. Revenue Bills, 1912	Morgan & Bartlett	347,440 92	
		Merchants Real Estate Co.	15,000 00	
		Colonial Real Estate Co	45,000 00	
		Central Real Estate Co	7,000 00	
	4½ per cent. Revenue Bills, 1912	Kuhn, Loeb & Co.	1,196,802 77	
	4¾ per cent. Revenue Bills, 1912	Heidelbach & Co.	239,861 51	
				1,950,601 09
	Boroughs of Manhattan and The Bronx— Street Improvement Fund, June 15, 1886	Collector of Assessments		880 54
	Interest on Assessments—Street Improvement Fund	"		684 05
	Towns of Westchester—Assessments	"		37 63
	Towns of Westchester—Interest on Taxes and Assessments	"		49 38
	Borough of Brooklyn— 8th Ward Improvement Fund, Installments	"		46 22
	26th Ward Main Sewer, Installments	"		125 45
	Local Improvements, late Town of New Utrecht	"		109 12
	Sewerage Fund, L. 92094	"		38 34
	Assessments for Local Improvements, Town of New Lots—Installments	"		19
	Borough of Queens— Arrears of Taxes, 1897, etc.	"		160 21
	General Improvement Commission, Installments	"		319 65
	Interest, General Improvement Commission, Installments	"		34 40
	General Improvement Commission, Full Payment	"		544 92
	Borough of Richmond— Arrears of Taxes, 1897, etc.	"		147 94
	Assessments for Local Improvements, Village of Port Richmond	"		74 75
	Interest on Assessments	"		130 67
				$9,302,933 65
				$37,610,885 17

Sept. 21, 1912. By Balance $27,947,464 76

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

1912.	Dr.	
Sept. 21	To Revenue Bond Fund—Bellevue and Allied Hospitals—Salaries of Substitute Trained Nurses, 1912	$1,250 00
	Revenue Bond Fund—Bellevue and Allied Hospitals—Wages of Extra Engineers and Firemen During Vacation Period, 1912	130 50
	Revenue Bond Fund—Salaries of Additional Employees from July 15, etc	36 56
	Revenue Bond Fund—Municipal Celebration of July 4, 1912	130 00
	Revenue Bond Fund—Sea View Hospital, Staten Island—Salaries and Wages of Employees, etc	462 77
	Revenue Bond Fund—Department of Public Charities—Deficiency in Budget Item 651—1912	165 00
	Revenue Bond Fund—Department of Public Charities—Nurses' Home, Randalls Island, Wages, 1912	231 45
	Revenue Bond Fund—Department of Public Charities—Salaries of Additional Help at City Farm Colony, Staten Island, 1912	216 92
	Revenue Bond Fund, Boroughs of Manhattan and The Bronx—Deficiency in Appropriation, 1912, etc.—Autos	106 73
	Revenue Bond Fund, Boroughs of Manhattan and The Bronx—Deficiency in Appropriation 1912, etc.—Appropriation	55 00
	Revenue Bond Fund—County Clerk, Queens County, Recopying Maps, etc	1,546 80
	Revenue Bond Fund—County Charges and Expenses County Clerk, Queens County, Rebinding etc., Records	588 00
	Revenue Bond Fund—Claims for Back Salaries	750 00
	Revenue Bond Fund—Claims for Interest on Taxes and Assessments Paid in Error	0,819 16
	Revenue Bond Fund—Claims—Miscellaneous	297 74
	Revenue Bond Fund—Claims to be Reimbursed from the General Fund	101 90
	Revenue Bond Fund—Public Service Commission, First District, New York, Expenses of, 1911	33 96
	Revenue Bond Fund—Public Service Commission, First District, New York, Expenses of, 1912	7,585 56
	Revenue Bond Fund—Board of Elections—Deficiency in Appropriation, 1912	187 00
	Revenue Bond Fund—Bureau of Licenses, Mayor's Office—Maintenance of Auto, 1912	144 60
	Revenue Bond Fund—Public Administrator, Kings County—Furniture and Fittings	519 13
	Revenue Bond Fund—Public Recreation Commission—Deficiency in Appropriation, 1912	44 72
	Revenue Bond Fund—Coroners, Board of, Borough of The Bronx, —Furnishing Offices at 1932 Arthur Avenue	78 00
	Revenue Bond Fund—Corporation Counsel Expenses in Matter of State of New York against State of New Jersey et al	1 20
	Revenue Bond Fund—District Attorney, Kings County—Expenses of Extradition of Fugitive Criminals	20 45
	Revenue Bond Fund—Municipal Garage—Maintenance and Supplies	290 28
	Revenue Bond Fund—Department of Bridges, Maintenance of Williamsburg Bridge, 1912	3,821 06
	Revenue Bond Fund—Department of Bridges—Maintenance of Brooklyn Bridge, 1912	204 87
	Revenue Bond Fund—Department of Docks and Ferries—Afternoon Music on Piers, 912	1,680 00
	Revenue Bond Fund—Department of Parks, Boroughs of Manhattan and Richmond—Regenerating Lawns in Central Park	693 43
	Revenue Bond Fund—Department of Street Cleaning—Deficiency in Appropriation for Final Disposition, Manhattan, 1912	754 00
	Revenue Bond Fund—Department of Taxes and Assessments—Automobile Hire	36 00
	Water Meter Fund, Borough of Brooklyn	22 25
	Revenue Bond Fund—Damages Caused by Change of Grade in Vicinity of Williamsburg Bridge, Borough of Manhattan	237 10
	Revenue Bond Fund—Judgments	1,155 18
	Revenue Bond Fund—Payment of County Charges and Expenses	841 85
	Revenue Bond Fund—Rent Quarters for Justices of Supreme Court, First Department	1,191 50
	Revenue Bond Fund—Removal of Sand from West 23d St., Coney Island, Borough of Brooklyn	27 75
	Revenue Bond Fund—Supreme Court, Second Department—Appellate Term—Fitting Up Quarters in Offerman Building	735 00
	Revenue Bond Fund—Municipal Bath, Coney Island—Equipment and Maintenance	78
	Revenue Bond Fund—Police Department—Salaries of 150 Additional Patrolmen for year 1912	252 66
	Revenue Bond Fund—President of the Borough of Manhattan—Repairing Street Pavements Where Period of Maintenance Has Not Expired	1,350 00
	Revenue Bond Fund—President of the Borough of Queens—Deficiency in Appropriation for Carting, 1912	2,054 25

1912.	Dr.	
Sept. 21	To Revenue Bond Fund—Salaries of Operating Force at Clifton Destructor, 1912	17 50
	Revenue Bond Fund—President of the Borough of The Bronx—Wages of 10 Laborers on Subsurface Work	125 00
	Revenue Bond Fund—President of the Borough of The Bronx—Wages of Per Diem Employees, etc	649 50
	Revenue Bond Fund—Repairs to Cuts in Stone Pavements, Borough of The Bronx	10 45
	Armory Fund	12,742 42
	Department of Public Charities—Additional Dormitory, City Farm Colony, Borough of Richmond	222 00
	Department of Public Charities—Building Fund	8,637 53
	Department of Public Charities—Erecting and Equipping Laundry Building, City Hospital	7,245 00
	Department of Public Charities—Construction of Additions to East Infirmary, Metropolitan Hospital	280 31
	Department of Public Charities—Nurses' Home and Training School, Kings County Hospital	8,783 71
	Department of Public Charities—Pavilion for care of Insane, City Colony, Borough of Richmond	112 00
	New Water Supply, City of New York	487,933 57
	Change of Grade Damage Commission, 23d and 24th Wards—Awards	30,770 95
	Metropolitan Sewerage Commission, New York	718 39
	New York County Court House	1,233 75
	Rapid Transit Construction Fund, Boroughs of Manhattan and The Bronx	10,519 00
	Rapid Transit Construction Fund—Boroughs of Brooklyn and Manhattan	670 37
	Rapid Transit Construction Fund, Borough of Brooklyn	132,827 47
	Rapid Transit Construction Fund—Lexington Ave. Route	81,8 7 08
	College of The City of New York	2,610 00
	Bridge over Bronx River at 174th St.—Borings	44 31
	Bridge over East River, between the Boroughs of Manhattan and Brooklyn	846 00
	Bridge over East River between the Boroughs of Manhattan and Queens	5,278 80
	Bridge over Eastchester Bay in Pelham Bay Park—Removal of Old Bridge	7,413 04
	Municipal Building—Architects' Services	2,0 5 59
	Williamsburgh Bridge—Strengthening Structure	15,653 81
	Department of Bridges—Salaries and Wages of Engineering Construction Force	449 25
	Department of Bridges—Contingent Expenses of Engineering Construction Force	318 50
	Dock Fund	16,172 67
	Department of Docks and Ferries	12,422 08
	Department of Education—Building Bureau—Salaries and Wages of Inspectors and Draftsmen	106 00
	Department of Education—Boys' High School, Borough of Brooklyn, Construction of an Addition	34,189 50
	School Building Fund, All Boroughs—Providing Fire Protection	9,919 00
	School Building Fund—Construction and Improvement, Borough of Queens	14,130 20
	School Building Fund—Interior Construction and Equipment, Borough of Brooklyn	6,481 25
	School Building Fund—Interior Construction and Equipment, Borough of Queens	413 95
	School Building Fund—Interior Construction and Equipment, Borough of The Bronx	3,753 90
	School Buildings, Providing Fire Protection, Borough of Manhattan	2,766 30
	School Buildings, Providing Fire Protection, Borough of Queens	510 00
	Sundry Pianos for Use in Schools, Borough of Manhattan	137 25
	Sundry Pianos for Use in Schools, Borough of The Bronx	97 50
	Sundry Pianos for Use in Schools, Borough of Brooklyn	342 00
	Sundry Pianos for Use in Schools, Borough of Queens	97 50
	School Sites, Borough of The Bronx	47,500 00
	School Buildings—Construction and Equipment, Borough of Manhattan	18,440 77
	School Buildings—Construction and Equipment, Borough of The Bronx	2,786 50
	School Building Fund—Construction and Improvement, Borough of Brooklyn	15,288 00
	Department of Health—Sites and Buildings for Sanatorium for Tuberculosis Patients, Orange County, N. Y.	14 62
	Department of Health—Sanatorium at Otisville, N. Y.	3,101 33
	Department of Health—Erection of Measles Pavilion at Foot of East 16th St., Borough of Manhattan	1,135 70
	Department of Health—Sanatorium at Otisville, N. Y.—Sanitary Stalls, etc	11 80
	American Museum of Natural History	839 04
	Improvement and Construction of Parks, Parkways, etc., Boroughs of Manhattan and The Bronx	15 00
	Erection and Completion of Playhouses and Toilet Facilities in Playgrounds Throughout the City	225 00
	Metropolitan Museum of Art	20,172 00
	Department of Parks—Boroughs of Brooklyn and Queens—Prospect Park	169 38
	Improvement of Parks, Boroughs of Brooklyn and Queens	468 75
	Shore Road, between 1st Ave. and Fort Hamilton, Borough of Brooklyn, Completion of	47 50
	Department of Parks, Boroughs of Brooklyn and Queens—Improvement of Interior of Fort Greene Park	338 14
	Botanical Garden in Bronx Park	145 00
	Department of Parks, Borough of The Bronx—Erection of Comfort Station and Additional Bathhouses at Pelham Bay	197 36
	Department of Parks, Borough of The Bronx—Completion of road from Botanical Garden to Pelham Parkway	189 00
	Department of Parks, Borough of The Bronx—Extending Comfort Station near Van Cortlandt Mansion	59 80
	Department of Parks, Borough of The Bronx—Water Supply System for Nursery in Van Cortlandt Park	1 28
	New York Zoological Park	1,848 20
	Construction and Establishment of High Pressure Water System, etc	312 00
	Expenses Conducting Investigation of Water Waste and Necessary Appliances Therefor	576 22
	Placing 300 Double-Nozzle Water Hydrants in the Boroughs of Manhattan and The Bronx	2,813 30
	Water Fund, Borough of Brooklyn	1,366 09
	Water Fund, Boroughs of Manhattan and The Bronx	35,343 18
	Water Fund, Borough of Manhattan—Laying High Pressure Mains	32,889 01
	Water Fund, Boroughs of Manhattan and The Bronx—Additional Distributing Small Mains	108 00
	Water Fund, Borough of Richmond	36,821 64
	Water Supply, Gas and Electricity, Department of, Borough of Manhattan—Extending and Remodeling High Service Pumping Stations at Jerome Ave., 170th and 98th Sts	1,940 34
	Water Supply—High Pressure Service, Coney Island Section, Borough of Brooklyn	90 00
	Water Supply System, Borough of Brooklyn—Acquisition of Land, Awards, Interest, Costs, etc	1,175 83
	Water Supply System, Bayside, Borough of Queens—Improvement and Development of	2,734 92
	Water Supply System, Borough of Queens—Distribution Mains	235 55
	Water Supply System, Borough of Queens—Salaries and Wages of Labor Construction Force	287 00
	Laying Trunk Water Mains in the Borough of Manhattan, Under East River and in the Boroughs of Brooklyn and Queens	11,605 05
	Water Supply System, Boroughs of Manhattan and The Bronx—Salaries and Wages of Labor Construction Force	1,864 63
	Water Supply System, Boroughs of Manhattan and The Bronx—Construction of Chlorination Plants	3,087 00
	Water Supply System, Borough of Brooklyn—Salaries and Wages of Labor Construction Force	926 00
	Water Supply System, Borough of Richmond—Salaries and Wages of Labor Construction Force	313 81
	Water Supply System, All Boroughs—Salaries and Wages of Engineering Construction Force	1,580 37
	Water Supply System, All Boroughs—Supplies and Materials for Engineering Construction Force	539 50
	Water Supply System, All Boroughs—Maintenance, etc., Automobiles Engineering Construction Force	76 36
	Water Supply System, All Boroughs—Contingent Expenses of Engineering and Labor Construction Force	1,168 57
	Water Supply System, All Boroughs—Vehicular Transportation for Engineering, etc., Force	158 33
	Reconstruction of Old Croton Aqueduct—Departmental Salaries and Wages	18 00
	Distributing Mains, Boroughs of Manhattan and The Bronx	1,720 08
	Fire Alarm Telegraph System Installation of New System	902 07
	Fire Department—Sites and Buildings—Alterations to Headquarters, etc., Borough of Manhattan	1,693 73
	Fire Department—Underground Electrical Conduits, Borough of Brooklyn	918 01
	Fire Department, Borough of Manhattan—Erection of Buildings, Acquisition of Sites, etc	15,552 36
	Fire Department, Borough of The Bronx—Erection of Buildings, Acquisition of Sites, etc	10,449 90
	Fire Department, Borough of Richmond—Erection of Buildings, Acquisition of Sites, etc	7,692 50
	Fund for Street and Park Openings	103,366 91
	Normal College of The City of New York	37,018 00

1912.	Dr.		
Sept. 21	To Repaving Streets, Borough of Brooklyn	$57,650 93	
	Police Department Fund—Sites and Buildings	3,001 93	
	Repaving Streets, Borough of Manhattan	215,577 61	
	Repaving—Chapter 475, Laws of 1895	450 25	
	Repaving—Chapter 87, Laws of 1897	2,674 26	
	Erection of a New Building for Children's Court, First Division, at 11th St. and 3d Ave., etc.	2,350 86	
	Construction of Culvert Work, etc., at Norton's Creek, Edgemere, Borough of Queens	108 00	
	Fund for Topographical Bureau, Borough of Queens	1,316 50	
	Repaving Streets, Borough of Queens	26,472 53	
	Fund for Topographical Bureau, Borough of Richmond	363 50	
	Repaving Streets, Borough of Richmond	1,405 68	
	Experimental Sewage Disposal Plant at West New Brighton—Construction and Maintenance	9 83	
	Fund for Topographical Bureau, Borough of The Bronx	108 58	
	Repaving Streets, Borough of The Bronx	16,240 12	
	Fund for Restoring Pavements	17 70	
	Street Improvement Fund	135,190 78	
	Construction of Private Sewers, Borough of Queens	38 00	
	Department of Correction—City Prisons, etc., Special Funds	4,821 00	
	Department of Education—Maintenance of Training Schools	23 35	
	Department of Education—Special High School Fund	375 78	
	Excise Taxes	240 19	
	Forfeited Recognizances, New York County	3,501 25	
	General Fund	83 92	
	New York and Brooklyn Bridge—Maintenance of Brooklyn Bridge, 1912	5,303 02	
	Maintenance and Improvement of Public Parks on Brooklyn Heights, Borough of Brooklyn	17 50	
	Public School Library Fund	3 00	
	Restoring and Repaving—Special Fund, Borough of The Bronx	741 84	
	Restoring and Repaving—Special Fund, Borough of Brooklyn	3,931 80	
	Restoring and Repaving—Special Fund, Borough of Manhattan	304 14	
	Restoring and Repaving—Special Fund, Borough of Queens	196 50	
	Restoring and Repaving—Special Fund, Borough of Richmond	207 67	
	Restoring and Repaving—Special Fund, Department of Parks, Boroughs of Brooklyn and Queens	93 30	
	Sewer Inspection and Repairs, Borough of Richmond	18 00	
	Unsafe Building Fund, Borough of The Bronx	25 00	
	Water Meter Fund No. 2	160 08	
	Williamsburgh Bridge Maintenance Fund	84 90	
	Revenue Bonds of 1908	598,302 81	
	Revenue Bonds of 1909	597,549 34	
	Maintenance and Distribution of Water Supply, Borough of Brooklyn, 1911	41 70	
	Redemption of Notes of the City of New York, Issued, etc., to Provide Supply of Water	1,000,000 00	
	Redemption of Notes of the City of New York, Issued, etc., for Various Municipal Purposes	3,000,000 00	
	Maintenance and Distribution of Water Supply—Borough of Brooklyn, 1912	17,813 48	
	Borough of Queens	300 00	
	Contract and Other Payments in Suspense	646 77	
	Fines and Penalties Held in Trust for Various Societies	1,031 00	
	Intestate Estates, New York County	1,147 50	
	Unclaimed Salaries and Wages	170 41	
	Refunding Assessments Paid in Error, Borough of The Bronx	2,440 51	
	Refunding Assessments Paid in Error, Borough of Manhattan	21 81	
	Refunding Taxes Paid in Error, Borough of The Bronx	231 37	
	Refunding Taxes Paid in Error, Borough of Brooklyn	1,215 05	
	Refunding Taxes Paid in Error, Borough of Manhattan	77,616 75	
	Refunding Taxes Paid in Error, Borough of Queens	212 75	
	Croton Water Rents—Refunding Account	7 00	
	Water Rents, Borough of Brooklyn—Refunding Account	9 20	
			$7,171,476 13
	1897.		
	Repaving Streets and Avenues	$1,704 84	
	1909.		
	Department of Health, Borough of The Bronx	75 00	
	1910.		
	Department of Health—General Administration	75 00	
	President of the Borough of Manhattan—Maintenance of Public Baths and Comfort Stations	816 00	
	1911.		
	Rents	32	
	Department of Bellevue and Allied Hospitals	183 36	
	Department of Health, Kingston Avenue Hospital	542 05	
	Department of Water Supply, Gas and Electricity—Water Supply—Borough of Richmond	294 00	
	Heat, Light and Power—Bureau of Lamps and Lighting, Borough of Brooklyn	558 74	
	Police Department	32 89	
	Department of Street Cleaning—Administration, Borough of Manhattan	1,294 95	
	Administration, Borough of Brooklyn	634 09	
	Fire Department—Administration, Borough of Manhattan	7 24	
	Administration, Borough of Richmond	18 74	
	Department of Parks—Administration—Boroughs of Manhattan and Richmond	91 55	
	Department of Education—Special School Fund—General Supplies	9 60	
	Department of Education—Special School Fund—General Repairs	543 56	
	Department of Education—Special School Fund—Contingencies	1 25	
	Armory Board, Boroughs of Manhattan and The Bronx	95 10	
	Armory Board, Boroughs of Brooklyn and Queens	8 40	
	County of Kings—Advertising Official Canvass and Election Notices	1,020 00	
	1912.		
	The Mayoralty	390 59	
	Board of Aldermen and City Clerk	285 00	
	Department of Finance—Comptroller	2,375 12	
	Department of Finance—City Chamberlain	36 66	
	Interest on the City Debt	52,381 20	
	Redemption of the City Debt	1,184 21	
	Installments Payable in 1912	1,725,868 72	
	Law Department	2 9 20	
	Department of Bridges	7,029 35	
	Department of Docks and Ferries	34,801 41	
	Tenement House Department	850 89	
	Board of Ambulance Service	26 63	
	Bellevue and Allied Hospitals	15,134 05	
	Department of Correction	37,550 67	
	Department of Health	18,573 76	
	Department of Water Supply, Gas and Electricity	63,751 50	
	Department of Public Charities	22,701 55	
	Police Department	32,886 74	
	Board of City Record	10,651 90	
	Board of Elections	1,717 32	
	Department of Street Cleaning	14,117 09	
	Fire Department	7,876 23	
	Department of Parks	67,585 78	
	Department of Education	86,761 85	
	Normal College of The City of New York	24 27	
	Brooklyn Disciplinary Training School for Boys	92 65	
	Public Recreation Commission	309 88	
	Commissioners of Accounts	382 40	
	Standard Testing Laboratory	218 89	
	Board of Coroners—Borough of Manhattan	269 57	
	Borough of The Bronx	10 00	
	Borough of Richmond	10 15	
	Board of Inebriety	125 08	
	Municipal Civil Service Commission	24 00	
	Examining Board of Plumbers	4 60	
	Board of Building Examiners	13 75	
	Armory Board	17,530 43	
	Board of Estimate and Apportionment	351 00	
	United States Volunteer Life Saving Corps	218 28	
	Staten Island Association of Arts and Sciences	25 85	
	Art Commission	9 38	
	New York Public Library	30,259 68	
	Commissioners of the Sinking Fund	12 00	
	Brooklyn Public Library	9,729 75	
	City Court, New York City	18 00	
	City Magistrates' Courts, First Division	269 30	
	Court of Special Sessions	420 54	
	City Magistrates' Courts, Second Division	316 50	
	Municipal Courts	394 80	
	Advertising	63 20	
	Rents	5,230 43	
	Association for Befriending Children and Young Girls, etc.	736 60	
	Beth Israel Hospital	2,093 13	
	For Seaside Home, etc.	291 60	
	Brooklyn Society for the Prevention of Cruelty to Children	2,500 00	
	Brooklyn (Eastern District) Dispensary and Hospital	1,852 45	
	Colored Orphan Asylum Society, etc., City of New York	2,150 40	
	St. John's Hospital	482 84	
	Children's Aid Society	1,305 74	
	Flushing Hospital and Dispensary	1,141 74	
	Five Points House of Industry	378 64	
	Dominican Convent of Our Lady of the Rosary	9,406 03	
	German Hospital, Borough of Brooklyn	1,364 67	
	German Odd Fellows' Home and Orphan Asylum	620 03	
	German Hospital and Dispensary	45 10	
	Hebrew Infant Asylum, New York City	496 80	
	Hebrew Sheltering Guardian Society	1,297 57	
	House of Calvary	90 40	
	International Sunshine Society (Branch for the Blind)	432 00	
	Manhattan Eye, Ear and Throat Hospital	40 75	
	New York Nursery and Child's Hospital	6,865 70	
	New York Homeopathic Medical College and Hospital	679 34	
	Roman Catholic House of Good Shepherd	1,832 13	
	St. Mark's Hospital, New York City	73 80	
	St. Christopher's Hospital for Babies	417 60	
	St. John's Guild	1,275 00	
	Sanitarium for Hebrew Children	625 00	
	St. Agnes' Hospital for Crippled and Atypical Children	44 40	
	The Convent of the Sisters of Mercy, Borough of Brooklyn	15,303 84	
	The Babies' Hospital, City of New York	587 70	
	Mount Sinai Hospital, City of New York	3,687 90	
	Jewish Hospital	3,242 45	
	Jewish Protectory and Aid Society	4,007 32	
	Swedish Hospital, Borough of Brooklyn	447 70	
	Williamsburg Hospital	808 90	
	Brooklyn Home for Blind, Crippled and Defective Children	17 60	
	Ambulances	965 00	
	The Lakeview Home	162 57	
	Philanthropic Home	146 70	
	Italian Hospital, Borough of Brooklyn	372 60	
	The Societe Francaise de Bienfaisance	348 70	
	President of the Borough of Manhattan	21,822 36	
	President of the Borough of The Bronx	10,978 25	
	President of the Borough of Brooklyn	44,575 19	
	President of the Borough of Queens	22,571 81	
	President of the Borough of Richmond	9,285 26	
	New York County.		
	Supreme Court, First Department	108 33	
	Commissioner of Records, Surrogates' Court	12 60	
	County Clerk	221 83	
	Commissioner of Records	66 00	
	District Attorney	652 84	
	Sheriff	151 98	
	Commissioner of Jurors	97 55	
	Board of City Record	201 13	
	Fees of Stenographers	147 50	
	Kings County.		
	Commissioner of Records	88 93	
	Board of City Record	3 33	
	Institution for Improved Instruction of Deaf Mutes	2,620 03	
	St. Joseph's Institute for Improved Instruction of Deaf Mutes	7,208 47	
	Queens County.		
	County Clerk	1,155 45	
	Sheriff	50 30	
	Institution for Improved Instruction of Deaf Mutes	109 66	
	St. Joseph's Institute for Improved Instruction of Deaf Mutes	822 98	
	Richmond County.		
	District Attorney	35 57	
	Sheriff	33 05	
			$2,491,944 2
			$9,663,420 41
	Balance		2,947,464 76
			$37,610,885 17

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The Commissioners of the Sinking Funds of The City of New York, in Account with Robert R. Moore, Chamberlain, for and During the Week Ending September 21, 1912.

1912.					Sinking Fund for the Redemption of the City Debt.		Sinking Fund for the Payment of Interest on the City Debt.		Sinking Fund, Redemption No. 2.		Sinking Fund, Brooklyn.		Sinking Fund, City of New York.	
					Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Sept. 14	By Balance, as per last account current					$658,248 81		$4,132,920 36				$25,884 20		$423,740
" 21	Privileges	Goodacre		$907 00										
	Rent			4,141 49										
	Licenses	Cashman		419 50										
	Rents	Tomkins		37,977 87										
	Street Vaults, Borough of Manhattan	McAneny	$4,111 10											
	Street Vaults, Borough of Queens	Connolly	43 80											
				4,154 90										
	Sundry Licenses, Boroughs of Manhattan and The Bronx	Wallace	$1,577 50											
	Sundry Licenses, Borough of Brooklyn	"	719 00											
	Sundry Licenses, Borough of Queens	"	22 50											
	Sundry Licenses, Borough of Richmond	"	17 50											
				2,336 50										
	Revenue from Investments			18,328 77										
	Redemption of Corporate Stock Notes			4,000,000 00										
	Interest on City Treasury Balances			1,621 37										
	Interest on Deposits			157 73										
						4,070,045 13								
	Arrears of Croton Water Rents, City of New York	Ebstein		9,544 25										
	Arrears of Croton Water Rents, 1898, etc.	Collector Assessments		8,133 90										
	Interest on Croton Water Rents, 1898, etc.	"		1,502 26										
	Croton Rents and Penalties, Borough of Manhattan	Thompson	$97,191 06											

				Sinking Fund for the Redemption of the City Debt.		Sinking Fund for the Payment of Interest on the City Debt.		Sinking Fund, Redemption No, 2.		Sinking Fund, Brooklyn.		Sinking Fund, City of New York.	
1912.				Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Sept. 21	By Croton Rents and Penalties, Borough of The Bronx	Thompson..$9,368 42	$106,559 48										
	Rents		1,204 60										
	Tolls		24,324 68										
	Privileges		4 17										
	Ferry Rents		14,151 06										
				.....	.....	.....	$165,434 40						
	Revenue from Investments		75 00										
				.....	.....	.....	.....	.....	.....	.....	.....	.....	$75 00
	Prospect Park Improvement, Installments	Collector Assessments.	74 61										
	Prospect Park Improvement Full Pa ment	"	4 40										
	Interest on Prospect Park Improvement, Installments	"	6 81										
	Interest on Deposits		9 47	.....	.....	.....	.....	.....	.....	.....	$95 29		
	To Balances		.....	$4,728,293 94	.....	$4,298,354 76	.....	.....	.....	$25,979 49	.....	$423,815 36	.....
				$4,728,293 94	$4,728,293 94	$4,298,354 76	$4,298,354 76	.....	.....	$25,979 49	$25,979 49	$423,815 36	$423,815 36
Sept. 21, 1912.	By Balances				$4,728,293 94		$4,298,354 76				$25,979 49		$423,815 36

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain

The Commissioners of the Sinking Funds of The City of New York, in Account with Robert R. Moore, Chamberlain, for and During the Week Ending September 21, 1912.

			The Water Sinking Fund of The City of New York.		Water Sinking Fund, City of Brooklyn.		Sinking Fund, Long Island City—Redemption of Revenue Bonds.		Sinking Fund, Long Island City—Redemption of Fire Bonds		Sinking Fund, Long Island City—Redemption of Water Bonds.	
1912			Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.	Dr.	Cr.
Sept. 14	By Balance as per Last Account Current	.....	.....	$22,957 87								
" 21	Annual Installment	.....	.....	1,725,868 72								
	To Balance	.....	$1,748,826 59	.....								
			$1,748,826 59	$1,748,826 59								
Sept. 21, 1912.	By Balance			$1,748,826 59								

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending September 21, 1912.

1912			
	Dr.		
Sept. 21	To Jury Fees, New York County	$2,212 00	
	Jury Fees, Kings County	1,116 00	
	Jury Fees, Queens County	5 44	
			$3,333 44
	Balance, Jury Fees, New York County	$20,685 00	
	Balance, Jury Fees, Kings County	12,016 00	
	Balance, Jury Fees, Queens County	5,136 19	
	Balance, Jury Fees, Richmond County	7,388 20	
			54,225 39
			$57,558 83
	Cr.		
" 14	By Balance, Jury Fees, New York County	$31,897 00	
	Balance, Jury Fees, Kings County	13,132 00	
	Balance, Jury Fees, Queens County	5,141 63	
	Balance, Jury Fees, Richmond County	7,388 20	
			$57,558 83
			$57,558 83
Sept. 21, 1912.	By Balance		$54,225 39

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending September 21, 1912.

1912.			
	Dr.		
Sept. 21	To Witness Fees, New York County	$272 64	
	Witness Fees, Queens County	9 90	
	Witness Fees, Richmond County	1 96	
			$284 50
	Balance, Witness Fees, New York County	$5,894 55	
	Balance, Witness Fees, Queens County	615 84	
	Balance, Witness Fees, Richmond County	518 80	
			7,029 19
			$7,313 69
	Cr.		
" 14	By Balance, Witness Fees, New York County	$6,167 19	
	Balance, Witness Fees, Queens County	625 74	
	Balance, Witness Fees, Richmond County	520 76	
			$7,313 69
			$7,313 69
Sept. 21, 1912.	By Balance		$7,029 19

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending September 21, 1912.

1912.			
	Dr.		
Sept. 21	To Interest Registered		$10,255 01
	Balance		63,772 88
			$74,027 89
	Cr.		
" 14	By Balance		$74,027 89
			$74,027 89
Sept. 21, 1912.	By Balance		$63,772 88

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

The City of New York in Account with Robert R. Moore, Chamberlain, During the Week Ending September 21, 1912.

1912.			
	Dr.		
Sept. 21	To Redemption of Coupon Bonds		$2,000 00
	Balance		500 00
			$2,500 00
	Cr.		
" 14	By Balance		$2,500 00
			$2,500 00
Sept. 21, 1912	By Balance		$500 00

A. J. GALLIGAN, Bookkeeper. R. R. MOORE, Chamberlain.

Changes in Departments, Etc.

DEPARTMENT OF FINANCE.

October 29—Appointed temporary expert Adding and Billing Machine Operators in the Bureau for the Collection of Taxes at 50 cents an hour—Miss H. S. Macknee, 1448 Pacific st., Brooklyn, November 1; Miss Fannie Levy, 205 E. 114th st., New York, November 1.

REGISTER'S OFFICE.
County of New York.

October 30—Victor Mayper, Clerk in the Department for Preservation of Public Records and Copying Old Maps, has resigned, the resignation taking effect October 23, 1912.

TENEMENT HOUSE DEPARTMENT.

October 30—Transferred: Edward Courtois, 438 E. 159th st., Clerk, salary $1,200 per annum, to Office of President, Borough of The Bronx, at $1,350 per annum. This transfer to take effect at the close of business October 31, 1912.

DEPARTMENT OF DOCKS AND FERRIES.

October 30—The services of Denis J. Smith, Bridgeman, will not be required after November 15, 1912.

DEPARTMENT OF PARKS,
Boroughs of Manhattan and Richmond

October 28—Discharged for Absence Without Leave: John Bescher, Climber and Pruner, 272 E. 77th st.; James Sheehan, Climber and Pruner, 516 E. 80th st.; William Voight, Climber and Pruner, 502 E. 76th st.; Jacob Colemike, Gardener, 1487 Washington ave.; Thomas McIntyre, Gardener, 54 Pearsall st., Long Island City.

Resigned—June 14, 1912, William Griffith, Park Laborer, 49 Clarke st., Staten Island; October 25, 1912, Harry Reneser, Climber and Pruner, 230 W. 126th st.; October 25, 1912, Philip Hines, Climber and Pruner, 192 East End Ave.; October 25, 1912, Joseph Hughes, Climber and Pruner, 425 W. 39th st.; October 30, 1912, Daniel Malone, Climber and Pruner, 90 N. Elliott pl., Brooklyn.

Died, July 6—Edward Ruddy, Park Laborer, 1199 3d ave.

Transferred to Department of Parks, Borough of Queens—June 17, 1912, Frank Dillon, Climber and Pruner, 1517 President st., Brooklyn; September 13, 1912, Rudolph Merz, Climber and Pruner, 808 10th ave., Long Island City.

BOROUGH OF BROOKLYN.

October 30—William A. Coakley's resignation as Assistant Superintendent of Buildings has been accepted, to take effect October 31, 1912.

Hugh O'Donnell, 400 Degraw st., Brooklyn, Inspector of Carpentry and Masonry at $1,800 per annum, competitive class, has been transferred to the position of Assistant Superintendent of Buildings at $4,000 per annum, exempt class, to date from November 1, 1912.

DEPARTMENT OF PUBLIC CHARITIES.

List of changes during the week ending October 26, 1912.

Appointed: October 15, Mary Artinian, Hospital Helper, Kings County Hospital, $264; Kate Ballatier, Hospital Helper, Metropolitan Training School, $240; October 11, Theresa Beasley, Hospital Helper, Metropolitan Training School, $180; October 23, Margaret Beatty, Waitress, Cumberland Street Hospital, $180; October 11, John Bender, Hospital Helper, Kings County Hospital, $240; October 1, John Burns, Hospital Helper, Coney Island Hospital, $240; October 21, Mark Burns, Hospital Helper, Coney Island Hospital, $180; October 19, Sarah Burrowes, Trained Nurse, City Training School, $600; October 22, James Byrne, Hospital Helper, Metropolitan Training School, $180; Mary Byrnes, Hospital Helper, Metropolitan Training School, $180; October 15, Mary L. Cantlon, Trained Nurse, Kings County Hospital, $750; Margaret Clancy, Hospital Helper, Metropolitan Training School, $192; October 16, Patrick Cleary, Hospital Helper, Kings County Hospital, $240; October 15, Peter Cobey, Hospital Helper, Metropolitan Training School, $180; October 22, John O. Connors, Hospital Helper, Kings County Hospital, $240; October 16, John Conway, Hospital Helper, City Home, $300; October 15, William H. Cornett, Hospital Helper, Kings County Hospital, $480; October 16, Patrick Crane, Hospital Helper, City Training School, 240; October 15, James Dalton, Hospital Helper, Kings County Hospital, $240; October 17, Michael Delaney, Hospital Helper, Cumberland Street Hospital, $240; October 5, Etslka Demka, Hospital Helper, Kings County Hospital, $300; October 16, John Distler, Hospital Helper, Metropolitan Training School, $180; October 12, John Donell, Hospital Helper, Metropolitan Training School, $180; October 15, Bernard Dooley, Hospital Helper, Metropolitan Training School, $180; October 18, Edward Dowd, Hospital Helper, Coney Island Hospital, $240; October 19, John Everard, Hospital Helper, City Hospital, $180; October 16, Guy Fausset, Hospital Helper, Metropolitan Hospital, $360; October 9, Irene Fay, Hospital Helper, Kings County Hospital, $180; October 15, Nora Fitzgerald, Cook, Cumberland Street Hospital, $360; October 10, Bridie Flynn, Hospital Helper, Metropolitan Training School, $240; October 2, Nora Flynn, Cook, Kings County Hospital, $360; October 7, Bessie Foley, Hospital Helper, Farm Colony, $240; October 1, John J. Fox, Hospital Helper, Kings County Hospital, $240; October 17, George C. Francis, Hospital Helper, Kings County Hospital, $300; October 22, James A. Gately, Deckhand, Steamboats, $720; October 19, Annie Gilhooley, Laundress, Cumberland Street Hospital, $192; October 18, Nellie Gowrie, Hospital Helper, Bureau of Dependant Adults, Manhattan, $360; October 20, Arthur F. Gundersdorff, Hospital Helper, Kings County Hospital, $480; October 16, Edward Haerle, Hospital Helper, Metropolitan Hospital, $240; October 13, Bernard Hammill, Hospital Helper, Kings County Hospital, $240; October 9, Kate Heslin, Hospital Helper, Kings County Hospital, $192; October 10, Margaret Higgins, Hospital Helper, Metropolitan Training School, $240; Emma Kaufer, Waitress, Randall Island, $240; October 15, Rose Kavanagh, Hospital Helper, Kings County Hospital, $216; October 2, Winifred Keaveny, Hospital Helper, City Training School, $240; October 11, John Kenny, Hospital Helper, Metropolitan Training School, $180; October 16, Philip Korn, Hospital Helper, Metropolitan Hospital, $360; October 9, Freda Kramer, Hospital Helper, Kings County Hospital, $240; October 16, John W. Krohm, Hospital Helper, Metropolitan Hospital, $240; October 16, Cecelia La Fontaine, Hospital Helper, Kings County Hospital, $240; October 15, Ernest Lott, Hospital Helper, Bradford Street Hospital, $240; October 17, Agnes Lynch, Waitress, Cumberland Sreet Hospital, $192; October 19, William Maher, Hospital Helper, Metropolitan School, $180; October 15, Rose Martin, Cook, Randall Island, $360; October 22, Anton Mayer, Hospital Helper, Farm Colony, $180; October 7, Philip Meyers, Hospital Helper, Kings County Hospital, $300; October 16, Jackson Million, Hospital Helper, Metropolitan Hospital, $300; October 12, William Mills, Hospital Helper, Kings County Hospital, $240; October 16, Frank Moore, Hospital Helper, Metropolitan Training School, $180; October 11, Bessie Morris, Hospital Helper, Farm Colony, $240; October 21, Richard Mulcahey, Hospital Helper, Coney Island Hospital, $180; October 21, Elizabeth Mullahy, Hospital Helper, Cumberland Street Hospital, $192; October 11, John J. McCaffery, Hospital Helper, Kings County Hospital, $240; October 11, Owen McCauley, Hospital Helper, Kings County Hospital, $240; October 6, Francis McGarry, Hospital Helper, City Home, Brooklyn, $180; October 21, Helen McGuckin, Hospital Helper, Metropolitan Training School, $240; October 22, Neil McLaughlin, Hospital Helper, Kings County Hospital, $240; October 12, Thomas McVeigh, Hospital Helper, Metropolitan Training School, $180; Oc-

tober 21, James O'Malley, Butcher, Cumberland Street Hospital, $420; October 17, Nellie Orr, Cook, Cumberland Street Hospital, $360; October 16, Ellen Overton, Hospital Helper, Metropolitian Hospital, $300; October 17, Cora Palmer, Waitress, Cumberland Street Hospital, $180; October 11, Robert Peter, Hospital Helper, Kings County Hospital, $240; October 20, Harry Porter, Hospital Helper, Coney Island, Hospital, $240; October 11, Emily D. Power, Trained Nurse, Kings County Hospital, $600; October 21, Joseph Reilly, Hospital Helper, Coney Island Hospital, $180; October 22, Minnie Reilly, Stenographer and Typewriter (for 15 days pending certification from Civil Service list), Kings County Hospital, $1,200; October 16, Jennie Reynolds, Nurse, City Home, $300; October 12, Thomas Richards, Cook, City Hospital, $360; October 16, Emmett Royer, Hospital Helper, Metropolitian Hospital, $240; October 22, Michael Sheridan, Waiter, Cumberland Street Hospital, $180; October 18, Thomas Sheridan, Hospital Helper, Metropolitian Training School, $180; October 23, George W. Sines, Trained Nurse, City Training School, $600; October 13, Florence Totman, Trained Nurse, Kings County Hospital, $750; October 11, Lucy D. Treadway, Trained Nurse, Kings County Hospital, $600; October 16, Ellen Tuchy, Hospital Helper, Metropolitian Hospital, $360; October 17, Fanny Walker, Hospital Helper, Cumberland Hospital, $240; October 17, Lewis Whitney, Hospital Helper, Kings County Hospital, $300.

Resigned: October 15, Joseph Bolton, Hospital Helper, Metropolitian Hospital; October 6, John Brennan, Hospital Helper, City Home; October 12, George Burns, Hospital Helper, Kings County Hospital; October 21, Jennie Cahill, Hospital Helper, Metropolitian Training School; October 15, John Cahill, Hospital Helper, Metropolitian Hospital; October 10, John Cahill, Hosptial Helper, Kings County Hospital; October 16, May Chamberlain, Hospital Helper, Cumberland Street Hospital; October 10, Catherine Clarke, Hospital Helper, Kings County Hospital; October 20, John Conway, Hospital Helper, City Home; October 9, Charles Corke, Hospital Helper, Kings County Hospital; October 15, Philip Donovan, Hospital Helper, Coney Island Hospital; October 16, Nora Fitzgerald, Cook, Cumberland Street Hospital; October 15, Daniel Foley, Hospital Helper, Metropolitian Training School; October 21, Patrick Gorman, Hospital Helper, Metropolitian Training School; October 11, Louise Kamman, Hospital Helper, Coney Island Hospital; October 14, Charles C. Lehmann, Hospital Helper, Kings County Hospital; October 15, Penelope MacDermott, Trained Nurse, Metropolitian Hospital; October 12, Fred P. Mason, Trained Nurse, City Training School; October 22, Joseph Monahan, Hospital Helper, Metropolitian Training School; October 20, Owen McCauley, Hospital Helper, Kings County Hospital; October 21, Lillian McCoy, Hospital Helper, Metropolitian Training School; October 15, Mary McKenzie, Hospital Helper, Metropolitian Training School; October 18, Patrick O'Brien, Hospital Helper, Metropolitian Training School; October 15, Robert Paul, Hospital Helper, Metropolitian Hospital; October 19, Frank Pedducci, Butcher, Cumberland Street Hospital; October 15, Marie Robinson, Laundress, Cumberland Street Hospital; October 14, James Roche, Hospital Helper, Kings County Hospital; October 15, Frank Ryerson, Hospital Helper, Metropolitian Hospital; October 20, James J. Savage, Deckhand, Steamboats; October 20, Harry Smith, Hospital Helper, Cumberland Street Hospital; October 14, Nora R. Stanley, Hospital Helper, Coney Island Hospital.

Dropped: October 9, William H. Anderson, Hospital Helper, Kings County Hospital; October 16, Joseph Berrane, Hospital Helper, Coney Island Hospital; October 18, Patrick Bourke, Hospital Helper, Metropolitian Training School; October 13, Francis Carberry, Hospital Helper, Coney Island Hospital; October 8, Hugh Clinton, Hospital Helper, Kings County Hospital; October 10, Bridget Condon, Cook, Randall Island; October 15, Thomas Connors, Hospital Helper, Metropolitian Training School; October 9, Michael Dalton, Hospital Helper, Coney Island Hospital; October 15, Julius Fairlander, Hospital Helper, Kings County Hospital; October 9, John Distler, Hospital Helper, Metropolitian Training School; October 11, Minnie Howlett, Hospital Helper, Metropolitian Training School; October 7, Winifred Keaveney, Hospital Helper, City Training School; October 10 Edward Kelly, Hospital Helper City Hospital; October 18-19, P. Francis Kelly, Deckhand, Steamboats; October 6, Annie Maroney, Hospital Helper, City Training School; October 23, Ottillie Melzer, Pupil Nurse, Metropolitian Training School; October 10, Michael Miskil, Hospital Helper, Kings County Hospital; September 30, Beatrice McClintock, Laundress, Kings County Hospital; October 14, Ellen McDonough, Cook, Metropolitian Training School; October 10, Bernard McLan, Hospital Helper, City Hospital; October 20, Thomas McNally, Hospital Helper, Kings County Hospital; October 13, Mary O'Connor, Hospital Helper, City Training School; October 14, George Pierce, Hospital Helper, City Hospital; October 11, William Reckert, Cook, City Hospital; October 4-5, Cornelius J. Sheehan, Stoker, Steamboats; October 7, Albert St. Challier, Hospital Helper, City Hospital; October 17, James Sullivan, Hospital Helper, Cumberland Street Hospital; October 12, Phillip Teelon, Hospital Helper, Kings County Hospital.

Promoted. October 1, Chris Anderson, Hospital Helper, Kings County Hospital, $144 to $180; October 1, Marion B. Cummings, Hospital Helper, Kings County Hospital, $300 to $360; October 15, Bridget Dougherty, Hospital Helper, Kings County Hospital, $144 to $180; October 1, Geoorge C. Hathorne, Hospital Helper, City Home, Brooklyn, $600 to $720; October 16, Charles F. Mellaney, Hospital Helper, City Hospital, $150 to $180; October 16, John Mikoda, Hospital Helper, City Hospital, $150 to $240; October 15, Annie McManus, Hospital Helper, Metropolitian Training School, $240 to $300; October 15, Arthur St. Clair, Hospital Helper, Kings County Hospital, $240 to $300; October 1, Michael Tate, Hospital Helper, Metropolitian Training School, $180 to $216.

Decreased: October 1. John Kannan, Hospital Helper, Metropolitian Training School, $216 to $180.

Title Changes: October 15, Annie McManus, Hospital Helper to Cook, Metropolitian Training School, $240 to $300.

Transferred: October 12 Mary Gomez, Hospital Helper (from regular payroll to specification revenue bonds), Metropolitian Training School, $360; October 16, Penelope MacDermott, Trained Nurse (to City Home, Blackwell's Island), Metropolitian Hospital, $600.

Leave Granted: October 2, Ottilie Melzer, Pupil Nurse, Metropolitian Training School, $180, 21 davs; October 14, Agnes Hauff, Seamstress, Metropolitian Hospital, $204, 9 days without pay.

Borough of Manhattan.

Minutes of Meetings of Local Boards.

A meeting of the Local Board of the Washington Heights District was held on Tuesday, October 22, 1912, at 11 a. m. in the Borough Office of the City Hall.

Present—Aldermen Bolles, Boschen, Marks and President McAneny.

The President presented for the consideration of the Board the matter of paving the New ave. east of Amsterdam ave. from 181st to 188th st.

On motion of Alderman Boschen, this matter was laid over pending the completion of the grading and the installation of sub-surface structures.

The President presented for the consideration of the Board the matter of constructing a sewer in 155th st. from Broadway to Riverside drive.

The following resolution was offered by Alderman Boschen:

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

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

To construct a sewer in 155th st. from Broadway to Riverside drive, which was adopted.

The President presented for the consideration of the Board the matter of constructing sewers in the Service Street forming the widening of Riverside drive between 158th and 160th sts. and in 160th st. between Riverside drive and Fort Washington ave.

The following resolution was offered by Alderman Boschen:

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

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

To construct sewers and appurtenances in the Service Street adjoining Riverside drive on its easterly line between 158th and 160th sts., and in 160th st. between Riverside drive and Fort Washington ave., which was adopted.

The President presented for the consideration of the Board the matter of paving the Service Street on the easterly side of Riverside drive between 158th and 165th sts.

On motion this matter was laid over pending the installation of sub-surface structures.

Adjourned.

SAMUEL T. MARTIN,
Secretary.

A meeting of the Local Board of the Corlears Hook District scheduled to be held in the Borough Office of the City Hall on Tuesday, October 22, 1912, at 11.35 a. m. was postponed, there being no quorum present.

SAMUEL T. MARTIN,
Secretary.

A meeting of the Local Board of the Hudson District scheduled to be held in the Borough Office of the City Hall on Tuesday, October 22, 1912, at 11.30 a. m., was postponed, there being no quorum present.

SAMUEL T. MARTIN,
Secretary.

A meeting of the Local Board of the Murray Hill District scheduled to be held in the Borough Office of the City Hall on Tuesday, October 22, 1912, at 11.25 a. m., was postponed, there being no puorum present.

SAMUEL T. MARTIN,
Secretary.

A meeting of the Local Board of the Bowery District scheduled to be held in the Borough Office of the City Hall on Tuesday, October 22, 1912, at 11.20 a. m., was postponed, there being no quorum present.

SAMUEL T. MARTN,
Secretary.

A meeting of the Local Board of the Greenwich District scheduled to be held in the Borough Office of the City Hall on Tuesday, October 22, 1912, at 11.45 a. m., was postponed, there being no quorum present.

SAMUEL T. MARTIN,
Secretary.

A meeting of the Local Board of the Kip's Bay District was held on Tuesday, October 22, 1912, at 11.10 a. m. in the Borough Office of the City Hall.

Present—Aldermen Eagan and President McAneny.

The President presented for the consideration of the Board the matter of alteration and improvement to sewer in 11th st. between Avenue D and the East River.

On motion of Alderman Eagan, the matter was laid over for four weeks.

The President presented the matter of repairs to the sidewalk at the southwest corner of 3rd ave. and 49th st. Alderman Eagan reported that this work had already been done by the owner. The complaint was thereupon ordered filed.

Adjourned.

SAMUEL T. MARTIN,
Secretary

Bureau of Buildings.

Statement of operations for the week ending October 19, 1912: Plans filed for new buildings, 7; estimated cost of new buildings, $707,450; plans filed for alterations, 66; estimated cost of alterations, $140,320; buildings reported as unsafe, 58; other violations of law reported, 212; unsafe building notices issued, 75; violation notices issued, 502; unsafe building cases forwarded for prosecution, 1; violation cases forwarded for prosecution, 13; iron and steel inspections made, 6,866.

Borough of The Bronx.

Report of the transactions of this office for the week ending October 23, 1912, exclusive of Bureau of Buildings.

Permits Issued—Sewer connections and repairs, 57; water connections and repairs, 57; laying gas mains and repairs, 58; placing building material on public highway, 15; crossing sidewalk with team, 11; constructing vaults, 3; miscellaneous, 152; total, 353.

Money Received and Deposited with City Chamberlain—Permits for sewer connections, $1,049.14; permits for restoring and repaving streets, $915.93; permits for constructing vaults, $577.43; sales maps, $270; miscellaneous, $4.90; total, $2,550.10. Security deposits received on account of permits and transmitted to Comptroller, $334.

Laboring Force Employed During the Week Ending October 19, 1912.

Bureau of Highways—Foremen, 33; teams, 46; carts, 2; Mechanics, 49; Laborers, 374; Drivers, 7; total, 511.

Bureau of Sewers—Foremen, 11; Assistant Foremen, 4; carts, 27; Mechanics, 5; Laborers, 71; Drivers, 3; total, 121.

Bureau of Public Buildings and Offices—Foremen, 1; Assistant Foremen, 1; Mechanics, 8; Laborers, 20; Cleaners, 37; Watchmen, 5; Attendants, 11; total, 83.

Topgraphical Bureau—Laborers, 5; Driver, 1; total, 6.

Contracts Entered Into.

Repaving east portion White Plains rd., from Gun Hill rd. to 227th st.—Dayton Hedges, 1451 Broadway; sureties, Title Guaranty and Surety Company and Maryland Casualty Company; $14,116.20.

Paving Teller ave., from 164th to 167th sts.—The Barber Asphalt Paving Company, 30 Church st.; sureties, U. S. Fidelity and Guaranty Company and Maryland Casualty Company; $13,475.25.

Repaving asphalt pavements in Borough of The Bronx—The Barber Asphalt Paving Company, 30 Church st.; sureties, U. S. Fidelity and Guaranty Company and Maryland Casualty Company; $8,958.00.

Repaving asphalt block pavements, Borough of The Bronx—The Hastings Pavement Company, 25 Broad st.; sureties, American Surety Company of New York and Title Guaranty and Surety Company; $4,691.

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

Bureau of Buildings.

Report of operations of the Bureau of Buildings, Borough of The Bronx, for the week ending October 19, 1912: Plans filed for new buildings, 24; estimated cost, $560,150; plans filed for alterations, 5; estimated cost, $6,750; unsafe cases filed, 7; violation cases filed, 91; unsafe notices issued, 23; violation notices issued, 105; complaints lodged with the Bureau, 17; number of pieces of iron and steel inspected, 922.

JAMES A. HENDERSON, Superintendent of Buildings.

Board of Health.

Abstract of Minutes of October 22, 1912.

The Board met pursuant to adjournment. Present, Commissioner of Health, Health Officer of the Port and the First Deputy Police Commissioner.

The Finance Committee presented various bills which had been audited by the Chief Clerk, which were approved and ordered forwarded to the Comptroller for payment.

The Superintendent of Hospitals submitted weekly reports of the work performed in the various hospitals under his jurisdiction.

Changes in the hospital service recommended by the Superintendent of Hospitals for the month ending October 31, 1912, were approved.

The Sanitary Superintendent submitted weekly reports of the work performed in the various divisions of the Sanitary Bureau.

The Director of Laboratories submitted weekly reports of the work performed in the various laboratories under his jurisdiction.

The following premises were ordered vacated:

No. 69 Pike st., front, Manhattan; No. 452-454 E. 145th st., Bronx; No. 1 Chester st., Brooklyn; No. 1026 Hopkinson ave., Brooklyn; No. 104 Oakland st., Brooklyn; two upper floors of No. 31 Ross st., Brooklyn; second floor of No. 790 Union st., Brooklyn; No. 1028 74th st., Brooklyn; No. 316 Davis ave. (store and dwelling), West New Brighton, Richmond.

Orders for vacation against certain premises were rescinded, the cause for same having been removed.

The following premises were declared public nuisances:

Stable at No. 67-69 Pike st (rear), Manhattan; stable at No. 31 Ross st., Brooklyn; stable at No. 790 Union st., Brooklyn.

Miscellaneous applications for permits were granted.

Miscellaneous applications for permits were denied.

Various permits granted by the Board were revoked.

Extensions of time in which to comply with the provisions of orders issued against premises were granted, and certain applications for relief from and extensions of orders, were denied.

The weekly report of the Bureau of Records was received.

The Registrar of Records was directed to record corrected certificates of vital statistics relating to various persons.

Various applications to record births of children which failed to be recorded through the neglect of the physician or midwife present at the birth, were granted, and the births ordered recorded in the Bureau of Records in the special book kept for such purpose pursuant to section 1241 of the Greater New York Charter.

Leaves of absence on account of sickness and for various reasons were granted to several employees in each borough.

The contract for furnishing and delivering six horses suitable for ambulance service to the Department of Health of the City of New York was awarded to Fiss, Doerr & Carroll Horse Company, of No. 155 E. 24th st., Borough of Manhattan, for the sum of $2,070, they being the lowest bidder; sureties, United States Fidelity and Guaranty Company, of No. 49 Cedar st., Borough of Manhattan.

Promoted: Henry T. Spellman, M.D., Assistant Attending Physician to the Tuberculosis Clinics, to the position of Attending Physician, with salary at the rate of $600 per annum, from October 10, 1912.

Appointments (Paragraph 3): Rose Kehoe, No. 1195 Fulton ave., Borough of The Bronx, Nurse, $900, to take effect October 24, 1912. Dora Fuller, No. 263 Quincy st., Brooklyn, Nurse, $900, from October 23, 1912. Katherine O'Connor, 263 Quincy st., Brooklyn, Nurse, $900 per annum, from October 23, 1912. Martha J. Fowler, No.

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268 Barrow st., Jersey City, N. J., $900 per annum, from October 15, 1912. Elizabeth Gannon, No. 153 W. 94th st., Manhattan, Nurse, $900, from October 25, 1912. Florence Bellis-Harned, No. 4305 Broadway, Manhattan, Nurse, $900, from October 28, 1912. Gertrude Mott, No. 201 W. 147th st., Manhattan, Nurse, $900, from October 25, 1912.

Appointments (from eligible lists): Thomas C. Kiernan, No. 920 Deam st., Brooklyn, Fireman, salary $3 per diem, from October 22, 1912. Jacob Wald, No. 61-63 Columbia st., Manhattan, Clerk, salary $300 per annum, from October 15, 1912. Kilner D. Newman, No. 2238 Haviland ave., The Bronx, Clerk, salary $300 per annum, from October 25, 1912.

Transferred from Position of Driver to Laborer (Part IV): Thomas Murray, to take effect November 1, 1912.

Dismissed on Charges: Bernard Meehan, Ambulance Driver, to take effect October 22, 1912.

Temporary Services Terminated: James G. Dunseith, M. D., Medical Inspector, from October 21, 1912.

Resignations: Wilhelmina C. Doxey, Typewriting Copyist, from November 1, 1912. Etta Rudner, Nurse, from October 14, 1912. Benjamin Halpern, Laboratory Assistant, from October 21, 1912. Hermine G. Schweers, Nurse, from October 31, 1912. James F. Nagle, M. D., Attending Physician, from October 10, 1912.

EUGENE W. SCHEFFER, Secretary.

Board of Education.

(Received at City Record Office, October 26, 1912.)

A stated meeting of the Board of Education was held on Wednesday, April 10, 1912, at 4 o'clock p. m.

Present—Egerton L. Winthrop, Jr., President, and the following members: Mr. Aldcroftt, Mr. Barondess, Mr. Barrett, Mr. Churchill, Mr. Cunnion, Mr. DeLaney, Miss Draper, Mr. Ferris, Mr. Greene, Mr. Harrison, Dr. Haupt, Mrs. Kramer, Miss Leventritt, Mr. Levy, Mr. Mahoney, Mr. Man, Mr. Martin, Mr. McCafferty, Dr. McDonald, Mr. McGowan, Mr. Metz, Mr. Meyer, Mr. A. G. Miller, Mr. G. C. Miller, Mr. Morrison, Mr. Newman, Dr. Pisani, Mrs. Post, Mr. A. Stern, Mr. M. S. Stern, Mr. C. J. Sullivan, Mr. M. J. Sullivan, Mr. Suydam, Mr. Thomas, Mr. Thompson, Mr. Weiner, Mr. Whalen, Mr. Wilsey, Mr. Wingate—40. Also City Superintendant Maxwell.

Absent—Mrs. Bamberger, Mr. Cosgrove, Mr. Gillespie, Mr. Loeb, Mr. Somers, Mr. J. E. Sullivan—6.

Contracts were awarded as follows:

Borough of Manhattan.

For Alterations, Repairs, etc.—Public School 4, Herman Miller, $695; Public School 13, Samuel Laster and Mendel Greenberg, $332; Public School 14, John C. Valentine, $943; Public School 19, August Wille, Jr., $849; Public School 25, August Wille, Jr., $839; Public School 35, Joseph Kessler, $583; Public School 40, W. C. Redlich, $1,370; Public School 50, August Wille, Jr., $523; Public School 63, W. C. Redlich, $477; Public School 79, W. C. Redlich, $664; Public School 91, Samuel Present, $630; Public School 104, Abram Pinkovitz, $420; Public School 122, Samuel Laster and Mendel Greenberg, $464; Public School 140, Rubin Solomon & Son, $498; Public School 160, W. C. Redlich, $532; Public School 174, William Kreisberg, $999; Stuyvesant High School, W. C. Redlich, $516; Public School 161 Samuel Laster and Mendel Greenberg, $684.

Borough of Queens.

For Furniture for New Public School 40—Item 2, D. S. Guyon, $827; Item 3, J. Friedman, $1,006.60; Item 4, The A. H. Andrews Co., $1,234.

For Alterations, Repairs, etc.—Public School 39, Joseph Ohlhausen, $968; Public School 43, James I. Newman, $738; Public School 44, James I. Newman, $573; Public School 52, A. Doncourt, $355; Public School 53, A. Doncourt, $280; Public School 59, James I. Newman, $537; Public School 66, Edward Theriault, 369; Public School 82, August Wille, Jr., $313; Public School 90, Namon Gewertz Co., $592.

Borough of Richmond.

For Fire-Protection Work—Public School 20, Joseph Kessler, $6,164; Public School 21, A. W. King, $1,646; Public School 30, Edward Theriault, $357.

For furnishing all required material, and repairing gymnastic apparatus, swings, etc., for vacation playgrounds and schools of The City of New York.

For furnishing and delivering direct to each school, general apparatus and supplies for the department of chemistry, physics, biology, physiography, botanical and zoological supplies for the day and evening high schools and supplies for training schools for teachers of The City of New York, for the year ending December 31, 1912.

Reports and resolutions were adopted as follows:

Requesting the Board of Estimate and Apportionment and the Board of Alderment to amend the resolution adopted by said Boards on July 17 and July 25, 1911, respectively, authorizing an issue of corporate stock to an amount not exceeding two hundred eighteen thousand two hundred forty dollars ($218,240) to provide means for the construction and equipment of an addition to Public School 49, Brenton ave., Jamaica, Queens, so as to make available said amount for the purchase of a site and erection of a twenty-room school building in the vicinity of Hilldale ave. and North 1st st., Jamaica, Queens.

Requesting the Board of Estimate and Apportionment to amend the resolutions adopted by it on April 24, 1908, June 3, 1910, and January 26, 1911, authorizing the Comptroller to issue corporate stock of The City of New York, to provide means for the construction and interior equipment of sundry school buildings and additions thereto, as follows:

Bond Issue authorized April 24, 1908, Girls' High School, Borough of Brooklyn: by striking therefrom the figures $85,000, and inserting in place thereof the figures $75,000.

Bond Issue authorized June 3, 1910, Girls' High School, Borough of Brooklyn: by striking therefrom the figures $27,500, and inserting in place thereof the figures $13,500.

Bond Issue authorized January 26, 1911, Erasmus Hall High School, Borough of Brooklyn: by striking therefrom the figures $55,594, and inserting in place thereof the figures $23,094, and by inserting the figures $56,500 for Public School 92, Borough of Queens, for the purpose of providing means to defray the cost of heating and ventilating electric and furniture work in said school, as follows:

Heating and Ventilating, $39,000; Electric work, $6,500; Furniture work, $11,000; total, $56,500.

Requesting the Commissioners of the Sinking Fund, subject to financial ability, to approve of and consent to the execution by the Board of Education of leases and renewals, as follows:

Double parlors on the first floor of the premises No. 28 Macdougal st., Manhattan, occupied as an annex to Public School 8, for a period of one year from July 1, 1912, with the privilege of renewal for an additional year, at an annual rental of $420, and on the same terms and conditions as contained in the existing lease. Owner, The Richmond Hill House, Inc.

Premises beginning at a point on the northerly line of Smith st., distant 125 feet westerly from the westerly line of Myrtle ave., and running thence northerly 100 feet to the centre line of the block, thence westerly along said centre line of the block 25 feet, thence southerly 100 feet to the northerly line of Smith st., thence easterly along said northerly line of Smith st. 25 feet to the point or place of beginning; being more particularly known and described at Lot 42, Block 190, Ward 2, Corona Park, Corona Heights, town of Newtown, Borough of Queens. Owner, Samuel H. Rubin, 365 Amherst st., Buffalo, N. Y., for a period from May 1, 1912, to July 1, 1914, with the privilege of renewal for an additional year, at an annual rental of $30, payable quarterly, the owner to pay the taxes and assessments, and the Board of Education to have the right to remove at the end of the lease all improvements which it may have placed thereon.

Premises beginning at a point on the northerly line of Smith st., distant 150 feet westerly from the westerly line of Myrtle ave., and running thence northerly 100 feet to the centre line of the block, thence westerly along said centre line of the block 25 feet, thence southerly 100 feet to the northerly line of Smith st., thence easterly and along said northerly line of Smith st. 25 feet to the point or place of beginning; being more particularly known and described at Lot 43, Block 190, Ward 2, Corona Park, Corona Heights, Town of Newtown, Borough of Queens. Owner, John Robinson, 33 Bayard st., Borough of Manhattan, for a period from May 1, 1912, to July 1, 1914, with the privilege of renewal for an additional year, at an annual rental of $30, payable quarterly, the owner to pay the taxes and assessments, and the Board of Education to have the right to remove at the end of the lease all improvements which it may have placed thereon.

Premises beginning at a point on the easterly line of Lot 41, distant 94 feet northerly from a point on the northerly side or line of Smith st. 100 feet westerly from the intersection of the westerly line of Mytrle ave. and said northerly line of Smith st., and running thence northerly and along said easterly line of Lot 41 6 feet to the centre line of the block, thence westerly along said centre line of the block 25 feet, thence southerly along the westerly line of Lot 41 6 feet, thence easterly parallel with the second course run 25 feet to the point or place of beginning; being the hereinbefore described portion of the land known and described as Lot 41, Block 190, Ward 2, Corona Park, Corona Heights, Town of Newtown, Borough of Queens. Owner, Joseph Gelson, for a period from May 1, 1912, to July 1, 1914, with the privilege of renewal, at an annual rental of $5, payable annually, the Board of Education to erect thereon such fence, etc., as may be necessary to make a passageway from the yard of Public School 17 to the lots described in the two preceding paragraphs.

Changing the designation of Public School 62, girls, Manhattan, to Public School 62, Primary, Manhattan, to take effect April 15, 1912.

Transferring Clara Kleiser (Schedule B3) from Public School 2, Primary, District No. 2, to Public School 62, Primary, District No. 2 (as teacher in charge), to take effect April 15, 1912.

Appointing Charles A. Kaiser and Bessie B. Wilson, teachers of music and sewing, respectively, for the elementary schools of The City of New York, to take effect April 15, 1912.

Requesting the Board of Estimate and Apportionment to provide the necessary funds in the Budget for 1913 for the payment of cleaners in public schools in accordance with the following schedule which provides an increase of $60 per annum for each year of service:

Men, first year, $540; second year, $600; third year, $660; women, first year, $420; second year, $480; third year $540.

Appropriating $477.37, corporate stock, in payment of bill of the Superintendent of State Prisons for grates at Public School 167, Brooklyn.

Amending the following resolutions adopted by the Board of Education on June 28, November 22 and 29, 1911:

Relative to relinquishing the sum of $720,538.46 in favor of the City Treasury so as to read as follows:

Account of 1905—Lectures, Board of Education (page 1721), by striking out the amount $3,350.89 in the column headed "Not required," and inserting in lieu thereof the amount $2,350 89.

Account of 1907—Furniture and repairs of, Manhattan (page 1707), by striking out the amount $1,789.62 in the column headed "Not required," and inserting in lieu thereof the amount $1,772.12.

General repairs, Brooklyn (page 1714), by striking out the amount of $5,963.50 in the column headed "Not required," and inserting in lieu thereof the amount $5,723.50.

Salaries of Janitors in all schools, Board of Education (page 1722), by striking out the amount $9,935.34 in the column headed "Not required," and inserting in lieu thereof the amount $9,887.74.

Account of 1908—General repairs, Brooklyn (page 1715), by striking out the amount $11,320.73 in the column headed "Not required," and inserting in lieu thereof the amount $11,317.05, and by making other changes made necessary by these amendments.

Relative to relinquishing the amount of $101,368.95 in favor of the City Treasury by striking out the amount $72,437.28 in the column headed "Not required," comprising the item entitled "Board of Education—General Repairs, 1906," and inserting in lieu thereof the amount $72,317.61, and by making other changes made necessary by this amendment.

Relative to appropriating the sum of $9,475 for erecting a storage and locker building, forming track, etc., at Athletic Field at Clinton, Cherry and Water sts., Borough of Manhattan, by striking out the amount $9,475 and inserting in lieu thereof the amount $9,338, and by making other changes rendered necessary by this amendment.

Rejecting all bids received on March 25, 1912, for alterations, repairs, etc., at Public School 3, Manhattan, for the reason that the lowest bidder, Charles Schultz, was allowed to withdrew his bid.

Suspending subdivisions 2 and 4 of Section 31 of the By-Laws for the purpose of paying the following bills incurred under circumstances of an emergency nature:

John J. Kenny, Public School 36, Brooklyn, placing temporary shoring under the ceilings of the playground, $182.97; Staten Island Shipbuilding Company, Curtis High School, Richmond, rebuilding header of boiler and installing new tubes, $160.22.

Approving plans for fire-protection work at Public Schools 12, 22, 28, 33 and 46, Manhattan.

Granting the loan of old and discarded furniture as hereinafter stated:

Church of Our Lady of Victory, 171st st. and Webster ave., The Bronx, 300 desks and seats.

Church of St. Thomas the Apostle, St. Nicholas ave. and 118th st., Manhattan, 60 single seats.

Authorizing the Comptroller to pay Charles H. Trumpler, formerly an architectural draftsman in the Department of Education, the sum of $759.16, in settlement of his claim for back salary, or to compromise said claim on any other basis which, in the judgment of the Comptroller, may be advisable.

Placing on record the approval of the Board of Education of Assembly Bill No. 554, entitled "An act to require the giving of transfers by the surface railroads in the Boroughs of Manhattan and Bronx, City of New York," the same being in the interests of the children attending the public schools.

Conhrming the action of the Local School Board of District No. 1 in dismissing the charges made by Paul DeGistino, a pupil in Public School 114, Manhattan, against a teacher in said school, for the reason that said Paul DeGistino and his grandfather, although notified to be present, failed to appear at a meeting of the above mentioned Local School Board held on March 22, 1912, for the purpose of investigating said charges.

Excusing with pay the absence on January 12, 1912, of Matilda Drescher and the absence on February 28 (2¼ hours) and 29 and March 1, 1912, of Elizabeth Nash, teachers in Public School 25, The Bronx, the same having been occasioned by injuries sustained while in the discharge of their duties as teachers, and suspending any provisions of the By-Laws inconsistent therewith.

Excusing with pay, the absence of Florence T. Seymour on January 15, 16 and 17, 1912, and Grace E. Miller on January 15, 16, 17 and 18, 1912, both teachers in Public School 120, Barren Island, Brooklyn, who were unable to reach the school by reason of the fact that the boats could not run because of the accumulation of ice in Jamaica Bay, and suspending any provisions of the By-Laws inconsistent therewith.

Granting permission as follows:

To the Parents League of Public School 3, Brooklyn, to give an entertainment and Bazaar at Tollner Hall, Bedford ave., between Putnam ave. and Madison st., Brooklyn, on Saturday evening, April 13, 1912, for the purpose of contributing to the progress of the above-mentioned school, and permitting the pupils of said school to sell tickets for said entertainment and Bazaar to their parents, but not generally.

To the principal of Public School 169, Manhattan, to publish a school paper and to sell the same at a price not exceeding five cents a copy, provided that the names of the pupils who subscribe therefor shall not be printed in said paper and that pupils shall not be permitted to solicit advertisements therefor.

To the principal of the Bay Ridge High School to charge admission fees to the general public desiring to attend the baseball games to be played by the team of said school.

To Erasmus Hall High School to present the play entitled "Secret Service" in the Academy of Music, Brooklyn, on the evening of June 8, 1912, an admission fee to be charged and the proceeds to be devoted to the benefit of the General Organization of the school.

To the Board of Superintendents to withdraw the nominations of Arthur M. Sugarman as an assistant teacher of stenography and typewriting in the Washington Irving High School and Clinton A. Bergstresser as an assistant teacher of mathematics in the Boys' High School.

To the General Athletic Association of Public School 17, Richmond, to occupy the auditorium in Public School 17, Richmond, on the evening of April 15, 1912, for an entertainment, an admission fee to be charged and the proceeds to be devoted to furnishing athletic supplies, etc.

Requesting the Board of Estimate and Apportionment to recommend to the Board of Aldermen that the compensation of janitors of public school building, *et al.*, be fixed in accordance with the following list, taking effect on the date indicated in each instance:

Transfers: William Thiesen (jan.) from Public School 72, Queens, to Public School 1, Queens, $1,080, April 1; John E. Lawrence (jan.) from Public School 73, Queens, to Public School 72, Queens, $1,080, April 1.

Changes in compensation for the temporary care of school buidings: James J. Hand, 80, Manhattan, present compensation $60 per month, proposed compensation $10 per month, March 27.

(On account of all property having been removed from the building.)

John J. Murphy, 97 A & B, Manhattan $60 per month to $10 per month, March 1.

(On account of all property having been removed from the building.)

Change in compensation: John E. Audley, Public School 46, Bronx, $1,200 per annum to $3,900 per annum, April 1.

(On account of the entire building being occupied.)

The following preamble and resolutions were also adopted:

Whereas, On September 13, 1911 (see Journal, pages 1376-78), the Board of Education adopted a resolution accepting the offer of the New York Preparatory Trade School (Incorporated), located at No. 305 East 41st st., Manhattan, to turn over said school to the Board of Education upon the condition that the full equipment for teaching trades should be transferred without cost to the Board of Education, such equipment to meet the standard of the Board of Education, and upon condition that certain changes were made by the Directors of said school in the building on East 38th st., in the rear of Public School 49, Manhattan; be it

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Resolved, That the Committee on Vocational Schools and Industrial Training be, and it is hereby, authorized to open said Preparatory Trade School as an evening school in the buildings mentioned, when the Superintendent of School Buildings certifies that the same are ready for occupancy, the Board of Directors of the institution to pay the salaries of the teachers up to the close of the spring term; and be it further

Resolved, That the Committee on Care of Buildings be, and it hereby is, instructed to provide janitorial service for said school.

During the call of the calendar, Mr. Churchill called attention to the communication received from the Corporation Counsel on March 27, 1912, in response to the request for an opinion as to what licenses issued prior to the adoption of the Revised Charter qualified the holders to teach the graduating class, etc.

Mr. Churchill moved that the Board direct the City Superintendent to comply with the terms of the opinion of the Corporation Counsel, and the motion was seconded by Mr. Mahoney.

Mr. A. Stern presented and read a written memorandum to the effect that the opinion of the Corporation Counsel was rendered without all the facts having been laid before him, calling special attention to a resolution adopted by the Board of Education on July 16, 1900; and a reply thereto was made by Mr. Churchill.

Mr. Wingate moved as a substitute, that copies of the statements made by Mr. A. Stern and Mr. Churchill be forwarded by the President to the Corporation Counsel within one week, with the request that that official take up again, in the light of the additional facts which have been brought out, the subject matter of his opinion dated March 27, 1912.

The motion was seconded and adopted.

Mr. Metz moved that the approval of the Board of Education be given to Assembly bill No. 530, entitled "An Act to amend the Greater New York Charter, in relation to the making of eligible lists of candidates for appointment on the teaching staff," and that the Chairman of the Committee on By-Laws and Legislation be requested to appear at the hearing upon the same before the Mayor on April 12, 1912.

The motion was seconded and adopted.

(Action taken at this meeting in reference to Civil Service appointments, promotions, etc., has already been printed in the CITY RECORD.)

The Board adjourned at 6:30 o'clock p. m.

A. EMERSON PALMER, Secretary.

OFFICIAL DIRECTORY

STATEMENT OF THE HOURS DURING which the Public Offices in the City are op n for business and at which the Courts regular open and adjourn, as well as the places wher such offices are kept and such Courts are held together with the heads of Departments an Courts.

CITY OFFICES.

MAYOR'S OFFICE.

No. 5 City Hall, 9 a. m. to 5 p. m.; Saturday 9 a. m. to 12 m.
Telephone, 8020 Cortlandt.
William J. Gaynor, Mayor.
Robert Adamson, Secretary.
James Matthews, Executive Secretary.
John J. Glennon, Chief Clerk and Bond and Warrant Clerk.

BUREAU OF WEIGHTS AND MEASURES.

Room 7, City Hall, 9 a. m. to 5 p. m.; Saturday 9 a. m. to 12 m.
John L. Walsh, Commissioner.
Telephone, 4334 Cortlandt.

BUREAU OF LICENSES.

9 a. m. to 4 p. m.; Saturdays, 9. a. m. to 12 m
Telephone, 4109 Cortlandt.
James G. Wallace, Jr., Chief of Bureau.
Principal Office, Room 1, City Hall.

ARMORY BOARD.

Mayor, William J. Gaynor; the Comptroller, William A. Prendergast; the President of the Board of Aldermen, John Purroy Mitchel; Chief of Coast Artillery, Elmore F. Austin; Brigadier-General John G. Eddy, Commodore R. P. Forshew the President of the Department o Taxes and Assessments, Lawson Purdy.

Clark D. Rhinehart, Secretary, Room 6, Basement, Hall of Records, Chambers and Centre street.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3900 Worth.

ART COMMISSION.

City Hall, Room 21.
Telephone call, 1197 Cortlandt.
Robert W. de Forest, Vice-President Metropolitan Museum of Art, President; Francis C. Jones, Painter, Vice-President; Charles Howland Russell, Trustee of New York Public Library, Secretary; A. Augustus Healy, President of the Brooklyn Institute of Arts and Sciences; William J. Gaynor, Mayor of the City of New York; R. T. H. Halsey; I. N. Phelps Stokes, Architect; John Bogart; Frank L. Babbott; Karl Bitter, Sculptor.
John Quincy Adams, Assistant Secretary.

BOARD OF ALDERMEN.

No. 11 City Hall, 10 a. m. to 4 p. m. Saturdays 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
John Purroy Mitchel, President.

ALDERMEN.

Borough of Manhattan—1st Dist., William Drescher; 2d Dist., Michael Stapleton; 3d Dist., John J. White; 4th Dist., James J. Smith; 5th Dist., Joseph M. Hannon; 6th Dist., Frank J. Dotzler 7th Dist., Frank L. Dowling; 8th Dist., Max S. Levine; 9th Dist., John F. McCourt; 10th Dist., Hugh J. Cummuskey; 11th Dist., Louis Wendel, Jr.; 12th Dist., William P. Kenneally; 13th Dist., John McCann; 14th Dist., John Loos; 15th Dist., Niles R. Becker; 16th Dist., John T. Eagan; 17th Dist., Daniel M. Bedell; 18th Dist., James J. Nugent; 19th Dist., William D. Brush; 20th Dist., John J. Reardon; 21st Dist., Bryant Willard; 22d Dist., Edward V. Gilmore; 23d Dist., John H. Boschen; 24th Dist., John A. Bolies; 25th Dist., Charles Delaney; 26th Dist., Henry H. Curran; 27th Dist., Nathan Lieberman; 28th Dist., Courtlandt Nicoll; 29th Dist., John F. Walsh; 30th Dist., Ralph Folks; 31st Dist., Percy L. Davis; 32d Dist., Michael J. McGrath; 33d Dist., Samuel Marks.

Borough of The Bronx—34th Dist., James L. Devine; 35th Dist., Thomas J. Mulligan; 36th Dist., Thomas H. O'Neil; 37th Dist., ——; 38th Dist., Abram W. Herbst; 39th Dist., James Hamilton; 40th Dist., Jacob Well; 41st Dist., Frederick H. Wilmot.

Borough of Brooklyn—42d Dist., Robert F. Downing; 43d Dist., Michael Carberry; 44th Dist., Frank Cunningham; 45th Dist., John S. Gaynor; 46th Dist., James R. Weston; 47th Dist., John Diemer; 48th Dist., James J. Molen; 49th Dist., Francis P. Kenney; 50th Dist., John J. Meagher; 51st Dist., Ardolph L. Kline; 52d Dist., Daniel R. Coleman; 53d Dist., Frederick H. Stevenson; 54th Dist., Jesse D. Moore; 55th Dist., Frank T. Dixson; 56th Dist., William P. McGarry; 57th Dist., Robert H. Bosse; 58th Dist., O. Grant Esterbrook; 59th Dist., George A. Morrison; 60th Dist., Otto Muhlbauer; 61st Dist., William H. Pendry; 62d Dist., Jacob J. Velten; 63d Dist., Edward Eichhorn; 64th Dist., Henry F. Grimm; 65th Dist., James F. Martyn.

Borough of Queens—66th Dist., George M. O'Connor; 67th Dist., Otto C. Gelbke; 68th Dist., Alexander Dujat; 69th Dist., Charles Augustus Post; 70th Dist., W. Augustus Shipley.

Borough of Richmond—71st Dist., William Fink; 72d Dist., John J. O'Rourke; 73d Dist., Charles P. Cole.

P. J. Scully, City Clerk.

BELLEVUE AND ALLIED HOSPITALS.

Office, Bellevue Hospital, Twenty-sixth street and First avenue.
Telephone, 4400 Madison Square.
Board of Trustees—Dr. John W. Brannan, President; James K. Paulding, Secretary; John G. O'Keeffe, Arden M. Robbins, James A. Farley Samuel Sachs, Leopold Stern; Michael J. Drummond, ex-officio.
General Medical Superintendent, Dr. George O'Hanlon.

BOARD OF AMBULANCE SERVICE.

Headquarters, 300 Mulberry street.
Office hours, 9 a. m. to 4 p. m. Saturdays, 12 m.
President, Commissioner of Police, R. Waldo Secretary, Commissioner of Public Charities, M J. Drummond; Dr. John W. Brannan, President of the Board of Trustees of Bellevue and Allied Hospitals; Dr. Royal S. Copeland, Wm. I. Spregelberg; D. C. Potter, Director.
Ambulance Calls—Telephone, 3100 Spring.
Administration Offices—Telephone, 7586 Spring.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 a. m. to 5 p. m Saturdays, 12 m.
Joseph P. Hennessy, President.
William C. Ormond.
Antonio C. Astarita.
Thomas J. Drennan, Secretary.
Telephone, 29, 30 and 31 Worth.

BOARD OF ELECTIONS.

General Office, No. 107 West Forty-first street
Commissioners: J. Gabriel Britt, President Moses M. McKee, Secretary; James Kane and Jacob A. Livingston. Michael T. Daly, Chief Clerk.
Telephone, 2946 Bryant

BOROUGH OFFICES.

Manhattan.
No. 112 West Forty-second street.
William C. Baxter, Chief Clerk.
Telephone, 2946 Bryant.

The Bronx.
One Hundred and Thirty-eighth street and Morris avenue (Solingen Building).
John L. Burgoyne, Chief Clerk
Telephone, 336 Melrose.

Brooklyn.
No. 42 Court Street (Temple Bar Building).
George Russell, Chief Clerk.
Telephone, 693 Main

Queens.
No. 64 Jackson Avenue, Long Island City
Carl Voegel Chief Clerk.
Telephone, 3375 Hunters Point.

Richmond.
Borough Hall, New Brighton, S. I.
Alexander M. Ross, Chief Clerk.
Telephone 1000 Tompkinsville.

All offices open from 9 a. m. to 4 p. m. Saturdays, from 9 a. m. to 12 m.

BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; the Comptroller, President of the Board of Aldermen, President of the Borough of Manhattan, President of the Borough of Brooklyn, President of the Borough of The Bronx, President of the Borough of Queens, President of the Borough of Richmond.

OFFICE OF THE SECRETARY.

Joseph Haag, Secretary; William M. Lawrence Assistant Secretary; Charles V. Adee, Clerk to Board.

No. 277 Broadway, Room 1406. Telephone 2280 Worth.

OFFICE OF THE CHIEF ENGINEER.

Nelson P. Lewis, Chief Engineer. Arthur S Tuttle, Assistant Chief Engineer, No. 277 Broadway. Room 1408. Telephone, 2281 Worth.

BUREAU OF FRANCHISES.

Harry P. Nichols, Engineer, Chief of Bureau 277 Broadway, Room 801. Telephone, 2282 Worth.

Office hours, 9 a. m. to 5 p. m. (except during July and August, when hours are 9 a. m. to 4 p. m.) Saturdays, 9 a. m. to 12 m.

BOARD OF EXAMINERS.

Rooms 6027 and 6028, Metropolitan Building No. 1 Madison avenue, Borough of Manhattan 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 5840 Gramercy.
George A. Just, Chairman. Members: William Crawford, Lewis Harding, Charles G. Smith John P. Leo, Robert Maynicke and John Kenlon.
Edward V. Barton, Clerk.
Board meeting every Tuesday at 2 p. m.

BOARD OF INEBRIETY.

Office, 300 Mulberry street, Manhattan.
Telephone 7116 Spring.
Thomas J. Colton, President; Rev. William Morrison, John Dorning, M.D.; Rev. John J. Hughes: William Browning, M.D.; Michael J. Drummond, Commissioner of Public Charities Patrick A. Whitney, Commissioner of Correction.
Executive Secretary, Charles Samson.
Office hours, 9 a. m to 4 p. m. Saturdays, 9 a. m to 12 m.
Board meets first Wednesday in each month, at 4 o'clock.

BOARD OF PAROLE OF THE NEW YORK CITY REFORMATORY OF MISDEMEANANTS.

Office, No. 148 East Twentieth street.
Patrick A. Whitney, Commissioner of Correction, President.
John B. Mayo, Judge, Special Sessions, Manhattan.
Robert J. Wilkin, Judge, Special Sessions, Brooklyn.
Frederick B. House, City Magistrate, First Division.
Edward J. Dooley, City Magistrate, Second Division.
Samuel B. Hamburger, John C. Heintz, Rosario Maggio, Richard E. Troy.
Thomas R. Minnick, Secretary.
Telephone, 1047 Gramercy.

BOARD OF REVISION OF ASSESSMENTS.

William A. Prendergast, Comptroller.
Archibald R. Watson, Corporation Counsel.
Lawson Purdy, President of the Department of Taxes and Assessments.
John Korb, Jr., Chief Clerk, Finance Department, No. 280 Broadway.
Telephone, 1200 Worth.

BOARD OF WATER SUPPLY.

Office, No. 165 Broadway.
Charles Strauss, President; Charles N. Chadwick and John F. Galvin, Commissioners.
Joseph P. Morrissey, Secretary.
J. Waldo Smith, Chief Engineer.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4310 Cortlandt.

CHANGE OF GRADE DAMAGE COMMISSION.

Office of the Commission, Room 223, No. 280 Broadway (Stewart Building), Borough of Manhattan, New York City.
William D. Dickey, Cambridge Livingston, David Robinson, Commissioners. Lamont McLoughlin, Clerk.
Regular advertised meetings on Monday, Tuesday and Thursday of each week at 2 o'clock p. m.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3254 Worth.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.

City Hall, Rooms 11, 12; 10 a. m. to 4 p. m.; Saturdays, 10 a. m. to 12 m.
Telephone, 7560 Cortlandt.
P. J. Scully, City Clerk and Clerk of the Board of Aldermen.
Joseph F. Prendergast, First Deputy.
John T. Oakley, Chief Clerk of the Board of Aldermen.
Joseph V. Sculley, Clerk, Borough of Brooklyn.
Matthew McCabe, Deputy City Clerk, Borough of The Bronx.
George D. Frenz, Deputy City Clerk, Borough of Queens.
Joseph F. O'Grady Deputy City Clerk, Borough of Richmond.

CITY RECORD OFFICE.

BUREAU OF PRINTING, STATIONERY AND BLANK BOOKS.

Supervisor's Office, 8th floor, Park Row Building, No. 21 Park Row.
David Ferguson, Supervisor.
Henry McMillen, Deputy Supervisor.
C. McKemie, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Distributing Division, Nos. 96 and 98 Reade street, near West Broadway.
Telephones, 1505 and 1506 Cortlandt.

COMMISSIONERS OF ACCOUNTS.

Jeremiah T. Mahoney, Harry M. Rice, Commissioners.
Rooms 114 and 115, Stewart Building, No. 280 Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4315 Worth.
The Standard Testing Laboratory, Otto H. Klein, Director, 127 Franklin street; office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephones, 3088 and 3089 Franklin

COMMISSIONER OF LICENSES.

Office, No. 277 Broadway.
Herman Robinson, Commissioner.
Samuel Prince, Deputy Commissioner.
John J. Caldwell, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 2828 Worth.

COMMISSIONERS OF SINKING FUND.

William J. Gaynor, Mayor, Chairman; William A. Prendergast, Comptroller; Robert R. Moore, Chamberlain; John Purroy Mitchel, President of the Board of Aldermen, and Henry H. Curran, Chairman Finance Committee, Board of Aldermen, members; John Korb, Jr., Secretary.
Office of Secretary, Room 9, Stewart Building, No. 280 Broadway, Borough of Manhattan.
Telephone, 1200 Worth.

DEPARTMENT OF BRIDGES.

Nos. 13-21 Park Row.
Arthur J. O'Keeffe, Commissioner.
William H. Sinnott, Deputy Commissioner.
Edgar E. Schiff, Secretary.
Office hours, 9 a. m. to 5 p. m.
Saturdays, 9 a. m. to 12 m.
Telephone, 6080 Cortlandt.

DEPARTMENT OF CORRECTION.

CENTRAL OFFICE.

No. 148 East Twentieth street. Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1047 Gramercy.
Patrick A. Whitney, Commissioner.
William J. Wright, Deputy Commissioner
John B. Fitzgerald, Secretary.

DEPARTMENT OF DOCKS AND FERRIES

Pier "A" N. R., Battery place.
Telephone, 300 Rector.
Calvin Tomkins, Commissioner.
B. F. Cresson, Jr., First Deputy Commissioner.
William J. Barney, Second Deputy Commissioner.
Matthew J. Harrington, Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.

Park avenue and Fifty-ninth street, Borough of Manhattan, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 5580 Plaza.
Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in July, and the second and fourth Wednesdays in every month, except July and August.
Reba C. Bamberger (Mrs.), Joseph Barondess, Nicholas J. Barrett, Henry J. Bigham, Thomas W. Churchill, Joseph E. Cosgrove, Francis P. Cunnion, Thomas M. De Laney, Martha Lincoln Draper (Miss), Alexander Ferris, George J. Gillespie, John Greene, Robert L. Harrison, Louis Haupt, M. D.; Ella W. Kramer (Mrs.), Peter J. Lavelle, Olivia Leventritt (Miss), Isadore M. Levy, Alrick H. Man, John Martin, Robert E. McCafferty, Dennis J. McDonald, M. D.; Patrick F. McGowan, Herman A. Metz, Augustus G. Miller, George C. Miller, Henry P. Morrison, Louis Newman, Antonio Pisani, M. D.; Alice Lee Post (Mrs.), Arthur S. Somers, Morton Stein, Abraham Stern, M. Samuel Stern, Ernest W. Stratmann, Cornelius J. Sullivan, James E. Sullivan, Michael J. Sullivan, Bernard Suydam, Rupert B. Thomas, John R. Thompson, John Whalen, Ira S. Wile, M. D., Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board.
Egerton L. Winthrop, Jr., President.
John Greene, Vice-President.
A. Emerson Palmer, Secretary.
Fred H. Johnson, Assistant Secretary.
C. B. J. Snyder, Superintendent of School Buildings.
Patrick Jones, Superintendent of School Supplies.
Henry R. M. Cook, Auditor.
Thomas A. Dillon, Chief Clerk.
Henry M. Leipziger, Supervisor of Lectures.
Claude G. Leland, Superintendent of Libraries.
A. J. Maguire, Supervisor of Janitors.

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BOARD OF EXAMINERS.

William H. Maxwell, City Superintendent of Schools, and James C. Byrnes, Walter L. Hervey, Jerome A. O'Connell, George J. Smith, Examiners.

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Egerton L. Winthrop, Jr., Abraham Stern, Cornelius J. Sullivan, William H. Maxwell, Josephine E. Rogers, Mary A. Curtis, Lyman A. Best, Principal P. S. 108, Brooklyn, Secretary. (Telephone, 1470 East New York.)

DEPARTMENT OF FINANCE.

Stewart Building, Chambers street and Broadway, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1200 Worth.
WILLIAM A. PRENDERGAST, Comptroller, Douglas Mathewson and Edmund D. Fisher, Deputy Comptrollers.
Hubert L. Smith, Assistant Deputy Comptroller
George L. Tirrell, Secretary to the Department.
Thomas W. Hynes, Supervisor of Charitable Institutions.
Walter S. Wolfe, Chief Clerk.

BUREAU OF AUDIT.

Charles S. Hervey, Chief Auditor of Accounts, Room 29.
Harry York, Deputy Chief Auditor of Accounts.
Duncan MacInnes, Chief Accountant and Bookkeeper.
John J. Kelly, Auditor of Disbursements.
H. H. Rathyen, Auditor of Receipts.
James J. Munro, Chief Inspector.
R. B. McIntyre, Examiner in Charge, Expert Accountants' Division.

LAW AND ADJUSTMENT DIVISION.

Albert E. Hadlock, Auditor of Accounts. Room 186.

BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.

James Tilden Adamson, Supervising Statistician and Examiner. Room 180.

STOCK AND BOND DIVISION.

James J. Sullivan, Chief Stock and Bond Clerk. Room 85.

OFFICE OF THE CITY PAYMASTER.

No. 83 Chambers street and No. 65 Reade street.
John H. Timmerman, City Paymaster.

DIVISION OF REAL ESTATE.

Charles A. O'Malley, Appraiser of Real Estate. Room 103, No. 280 Broadway.

DIVISION OF AWARDS.

Joseph R. Kenny, Bookkeeper in Charge. Rooms 155 and 157, No. 280 Broadway.

BUREAU FOR THE COLLECTION OF TAXES.

Borough of Manhattan—Stewart Building Room O.
Frederick H. E. Ebstein, Receiver of Taxes.
John J. McDonough and Sylvester L. Malone, Deputy Receivers of Taxes.
Borough of The Bronx—Municipal Building, Third and Tremont avenues.
Edward H. Healy and John J. Knewitz, Deputy Receivers of Taxes.
Borough of Brooklyn—Municipal Building, Rooms 2-8.
Alfred J. Boulton and David E. Kemlo, Deputy Receivers of Taxes.
Borough of Queens—Municipal Building, Court House Square, Long Island City.
William A. Beadle and Thomas H. Green, Deputy Receivers of Taxes.
Borough of Richmond—Borough Hall, St. George, New Brighton.
John De Morgan and Edward J. Lovett, Deputy Receivers of Taxes.

BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS.

Borough of Manhattan, Stewart Building, Room E.
Daniel Moynahan, Collector of Assessments and Arrears.
George W. Wanmaker, Deputy Collector of Assessments and Arrears.
Borough of The Bronx—Municipal Building, Rooms 1-3.
Charles F. Bradbury, Deputy Collector of Assessments and Arrears.
Borough of Brooklyn—Mechanics' Bank Building, corner Court and Montague streets.
Theodore G. Christmas, Deputy Collector of Assessments and Arrears.
Borough of Queens—Municipal Building, Court House Square, Long Island City.
Peter L. Menninger, Deputy Collector of Assessments and Arrears.
Borough of Richmond—St. George, New Brighton.

DAMAGED PAGE(S)

Edward W. Berry, Deputy Collector of Assessments and Arrears.

BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS.

Stewart Building, Chambers street and Broadway, Room K.
Sydney H. Goodacre, Collector of City Revenue and Superintendent of Markets.

BUREAU OF THE CHAMBERLAIN.

Stewart Building, Chambers street and Broadway, Rooms 63 to 67.
Robert R. Moore, Chamberlain.
Henry J. Walsh, Deputy Chamberlain.
Office hours, 9 a. m. to 5 p. m.
Telephone, 4270 Worth.

DEPARTMENT OF HEALTH.

Centre and Walker streets, Manhattan.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Burial Permit and Contagious Disease Offices always open.
Telephone, 6280 Franklin.
Ernst J. Lederle, Ph. D., Commissioner of Health and President; Joseph I. O Connell, M. D.; Rhinelander Waldo, Commissioners.
Eugene W. Scheffer, Secretary.
Herman M. Biggs, M. D., General Medical Officer.
Walter Bensel, M. D., Sanitary Superintendent.
William H. Guilfoy, M. D., Registrar of Records.
James McC. Miller, Chief Clerk.

Borough of Manhattan.

Alonzo Blauvelt, M. D., Assistant Sanitary Superintendent; George A. Roberts, Assistant Chief Clerk; Shirley W. Wynne, M. D., Assistant Registrar of Records.

Borough of The Bronx, No. 3731 Third avenue.

Marion B. McMillan, M. D., Assistant Sanitary Superintendent; Ambrose Lee, Jr., Assistant Chief Clerk; Arthur J. O'Leary, M. D., Assistant Registrar of Records.

Borough of Brooklyn, Flatbush avenue, Willoughby and Fleet streets.

Travers R. Maxfield, M. D., Assistant Sanitary Superintendent; Alfred T. Metcalfe, Assistant Chief Clerk; S. J. Byrne, M. D., Assistant Registrar of Records.

Borough of Queens, Nos. 372 and 374 Fulton street, Jamaica.

John H. Barry, M. D., Assistant Sanitary Superintendent; George R. Crowly, Assistant Chief Clerk; Robert Campbell, M. D., Assistant Registrar of Records.

Borough of Richmond, No. 514 Bay street, Stapleton, Staten Island.

John T. Sprague, M. D., Assistant Sanitary Superintendent; Charles E. Hoyer, Assistant Chief Clerk.

DEPARTMENT OF PARKS.

Charles B. Stover, Commissioner of Parks for the Boroughs of Manhattan and Richmond, and President Park Board.
Clinton H. Smith, Secretary.
Offices, Arsenal, Central Park.
Telephone, 7300 Plaza
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Michael J. Kennedy, Commissioner of Parks for the Borough of Brooklyn.
Offices, Litchfield Mansion, Prospect Park, Brooklyn.
Office hours, 9 a. m. to 5 p. m.; July and August, 9 a. m. to 4 p. m.
Telephone, 2300 South.
Thomas J. Higgins, Commissioner of Parks for the Borough of The Bronx.
Office, Zbrowski Mansion, Claremont Park.
Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m.
Telephone, 2640 Tremont.
Walter G. Eliot, Commissioner of Parks for the Borough of Queens.
Temporary office, Arsenal, Central Park, Manhattan.

PERMANENT CENSUS BOARD.

Hall of Board of Education, No. 500 Park avenue, third floor. Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
The Mayor, City Superintendent of Schools and Police Commissioner. George H. Chatfield, Secretary.
Telephone, 5752 Plaza.

DEPARTMENT OF PUBLIC CHARITIES.

PRINCIPAL OFFICE.

Foot of East Twenty-sixth street, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 7400 Madison Square.
Michael J. Drummond, Commissioner.
Frank J. Goodwin, First Deputy Commissioner.
William J. McKenna, Third Deputy Commissioner.
Thomas L. Fogarty, Second Deputy Commissioner for Brooklyn and Queens, Nos. 327 to 331 Schermerhorn street, Brooklyn. Telephone, 2977 Main.
J. McKee Borden, Secretary.
Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bills and Accounts, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Bureau of Dependent Adults, foot of East Twenty-sixth street. Office hours, 9 a. m. to 5 p. m.
The Children's Bureau, No. 124 East 59th street. Office hours, 9 a. m. to 5 p. m.
Jeremiah Connelly, Superintendent for Richmond Borough, Borough Hall, St. George, Staten Island.
Telephone, 1000 Tompkinsville.

DEPARTMENT OF STREET CLEANING.

Nos. 13 to 21 Park Row, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3863 Cortlandt.
William H. Edwards, Commissioner.
James F. Lynch, Deputy Commissioner, Borough of Manhattan.
Julian Scott, Deputy Commissioner, Borough of Brooklyn.
James F. O'Brien, Deputy Commissioner, Borough of The Bronx.
John J. O'Brien, Chief Clerk.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Hall of Records, corner Chambers and Centre streets. Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Commissioners—Lawson Purdy, President; Chas. J. McCormack, John J. Halleran, Charles T. White, Daniel S. McElroy, Edward Kaufmann, Judson G. Wall.
Telephone 3900 Worth.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Nos. 13 to 21 Park Row, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephones: Manhattan, 5962 Cortlandt; Brooklyn, 3980 Main; Queens, 1990 Greenpoint; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.
Henry S. Thompson, Commissioner.
J. W. F. Bennett, Deputy Commissioner.
Frederic T. Parsons, Deputy Commissioner, Borough of Brooklyn. Municipal Building, Brooklyn.
John L. Jordan, Deputy Commissioner, Borough of The Bronx, Tremont and Arthur Avenues.
M. P. Walsh, Deputy Commissioner, Borough of Queens, Municipal Building, Long Island City.
John E. Bowe, Deputy Commissioner, Borough of Richmond, Municipal Building, St. George.

EXAMINING BOARD OF PLUMBERS.

Edwin Hayward, President.
James J. Donahue, Secretary.
August C. Schwager, Treasurer.
Rooms Nos. 14, 15 and 16, Aldrich Building, Nos. 149 and 151 Church street.
Telephone, 6472 Barclay.
Office open during business hours every day in the year (except legal holidays). Examinations are held on Monday, Wednesday and Friday at 1 p. m.

FIRE DEPARTMENT.

Headquarters: Office hours for all, from 9 a. m. to 5 p. m.; Saturdays, 12 m. Central offices and fire stations open at all hours.

OFFICES.

Headquarters of Department, Nos. 157 and 159 East 67th street, Manhattan. Telephone, 640 Plaza
Brooklyn office, Nos. 365 and 367 Jay street Brooklyn. Telephone, 2653 Main.
Joseph Johnson, Commissioner.
George W. Olvany, Deputy Commissioner.
Philip P. Farley, Deputy Commissioner, Boroughs of Brooklyn and Queens.
Daniel E. Finn, Secretary of Department.
Lloyd Dorsey Willis, Secretary to Commissioner.
Walter J. Nolan, Secretary to Deputy Commissioner, Boroughs of Brooklyn and Queens.
John Kenlon, Chief of Department, in charge Bureau of Fire Extinguishment, 157 and 159 East 67th street, Manhattan.
Thomas Lally, Deputy Chief in charge, Boroughs of Brooklyn and Queens, 365-367 Jay street, Brooklyn.
William Guerin, Deputy Chief in charge Bureau of Fire Prevention, 157 and 159 East 67th street, Manhattan.
Leonard Day, Electrical Engineer, Chief of Bureau of Fire Alarm Telegraph, 157 and 159 East 67th street, Manhattan.
John R. Keefe, Clerk, in charge Bureau of Repairs and Supplies, 157 and 159 East 67th street, Manhattan.

LAW DEPARTMENT.

OFFICE OF CORPORATION COUNSEL.

Office hours, 9 a. m. to 5 p. m.; Saturdays 9 a. m. to 12 m
Main office, Hall of Records, Chambers and Centre streets, 6th and 7th floors.
Telephone, 4600 Worth.
Archibald R. Watson, Corporation Counsel.
Assistants—Theodore Connoly, George L. Sterling, Charles D. Olendorf, William P. Burr, R. Chittenden, William Beers Crowell, John L. O'Brien, Terence Farley, Edward J. McGoldrick, David S. Garland, Curtis A. Peters, John F. O'Brien, Edward S. Malone, Edwin J. Freedman, Louis H. Hahlo, Frank B. Pierce, Richard H. Mitchell, John Widdecombe, Arthur Sweeny, William H. King, George P. Nicholson, Dudley F. Malone, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, Arnold C. Weil, Francis J. Byrne, John Lehman, Francis Martin, Charles McIntyre, Clarence L. Barber, Alfred W. Booraem, George H. Cowie, Solon Berrick, James P. O'Connor, Elliott S. Benedict, Isaac Phillips, Edward A. McShane, Eugene Fay, Ricardo M. DeAcosta, John M. Barrett, Frank P. Reilly, Leon G. Godley, Alexander C. MacNulty, Samuel Hoffmann, John W Goff, Jr., William R. Wilson, Jr.
Secretary to the Corporation Counsel—Edmund Kirby, Jr.
Chief Clerk—Andrew T. Campbell.
Brooklyn office, Borough Hall, 2d floor. Telephone, 2948 Main. James D. Bell, Assistant in charge.

BUREAU OF STREET OPENINGS.

Main office, No. 90 West Broadway. Telephone, 5070 Barclay. Joel J. Squier, Assistant in charge.
Brooklyn branch office, No. 166 Montague street. Telephone, 3670 Main. Edward Riegelmann, Assistant in charge.
Queens branch office, Municipal Building, Court House Square, Long Island City. Telephone, 3886 Hunters Point. Walter C. Sheppard, Assistant in charge.

BUREAU FOR THE RECOVERY OF PENALTIES.

No. 119 Nassau street. Telephone, 4526 Cortlandt. Herman Stiefel, Assistant in charge

BUREAU FOR THE COLLECTION OF ARREARS OF PERSONAL TAXES.

No. 280 Broadway, 5th floor. Telephone, 4585 Worth. Geo. O'Reilly, Assistant in charge.

TENEMENT HOUSE BUREAU AND BUREAU OF BUILDINGS.

No. 44 East Twenty-third street. Telephone, 961 Gramercy. John P. O'Brien, Assistant in charge.

METROPOLITAN SEWERAGE COMMISSION.

Office, No. 17 Battery place. George A. Soper, Ph.D., President; James H. Fuertes, Secretary; H. de B. Parsons, Charles Sooysmith, Linsly R. Williams, M. D.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1694 Rector.

MUNICIPAL CIVIL SERVICE COMMISSION.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
James Creelman, President; Richard Welling and Alexander Keogh, Commissioners.
Frank A. Spencer, Secretary.

LABOR BUREAU.

Nos. 54-60 Lafayette street.
Telephone, 2140 Worth.

MUNICIPAL EXPLOSIVES COMMISSION.

Nos. 157 and 159 East 67th street, Headquarters Fire Department.
Joseph Johnson, Fire Commissioner and ex officio Chairman; Geo. O. Eaton, Sidney Harris Bartholomew Donovan, Russell W. Moore.
Albert Bruns, Secretary.
Meetings at call of Fire Commissioner.

POLICE DEPARTMENT.

CENTRAL OFFICE.

No. 240 Centre street, 9 a. m. to 5 p. m. (months of June, July and August, 9 a. m. to 4 p. m.); Saturdays, 9 a. m. to 12 m.
Telephone, 3100 Spring.
Rhinelander Waldo, Commissioner.
Douglas I. McKay, First Deputy Commissioner.
George S. Dougherty, Second Deputy Commissioner.
John J. Walsh, Third Deputy Commissioner.
James E. Dillon, Fourth Deputy Commissioner.
William H. Kipp, Chief Clerk.

PUBLIC RECREATION COMMISSION

51 Chambers Street; Room 1001.
James E. Sullivan, President; General George W. Wingate, Charles B. Stover, Mrs. V. G. Simkhovitch, Gustavus T. Kirby, George D. Pratt, Robbins Gilman, Bascom Johnson, Secretary: Cyril H. Jones, Assistant Secretary.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1471 Worth.
Commission meeting every Tuesday at 4.30 p. m.

PUBLIC SERVICE COMMISSION.

The Public Service Commission for the First District, Tribune Building, No. 154 Nassau street, Manhattan.
Office hours, 8 a. m. to 11 p. m., every day in the year, including holidays and Sundays.
Stated public meetings of the Commission, Tuesdays and Fridays at 12.15 p. m., in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.
Commissioners—William R. Willcox, Chairman; Milo R. Maltbie, John E. Eustis, J. Sergeant Cram, George V. S. Williams. Counsel, George S. Coleman. Secretary, Travis H. Whitney.
Telephone, 4150 Beekman.

TENEMENT HOUSE DEPARTMENT.

John J. Murphy, Commissioner. Manhattan Office, 44 East 23d street. Telephone, 5331 Gramercy. William H. Abbott, Jr., First Deputy Commissioner.
Brooklyn office (Boroughs of Brooklyn, Queens and Richmond), 503 Fulton street. Telephone, 3825 Main. Frank Mann, Second Deputy Commissioner
Bronx office, 391 East 149th street. Telephone, 7107-7108 Melrose. William B. Calvert, Superintendent.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

BOROUGH OFFICES.

BOROUGH OF MANHATTAN.

Office of the President, Nos. 14, 15 and 16 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
George McAneny, President.
Leo Arnstein, Secretary of the Borough.
Samuel L. Martin, Secretary to the President.
Telephone, 6725 Cortlandt.
Edgar Victor Frothingham, Commissioner of Public Works.
W. R. Patterson, Assistant Commissioner of Public Works.
Telephone, 6700 Cortlandt.
Rudolph P. Miller, Superintendent of Buildings.
Telephone, 1575 Stuyvesant.
——— Superintendent of Public Buildings and Offices.

BOROUGH OF THE BRONX.

Office of the President, corner Third avenue and One Hundred and Seventy-seventh street; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Cyrus C. Miller, President.
George Donnelly, Secretary.
Thomas W. Whittle, Commissioner of Public Works.
James A. Henderson, Superintendent of Buildings.
Arthur J. Largy, Superintendent of Highways.
Roger W. Bligh, Superintendent of Public Buildings and Offices.
Telephone, 2680 Tremont.

BOROUGH OF BROOKLYN.

President's Office, Nos. 15 and 16, Borough Hall; 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Alfred E. Steers, President.
Reuben L. Haskell, Borough Secretary.
John B. Creighton, Secretary to the President.
Lewis H. Pounds, Commissioner of Public Works.
Patrick J. Carlin, Superintendent of Buildings.
William J. Taylor, Superintendent of the Bureau of Sewers.
Howard L. Woody, Superintendent of the Bureau of Public Buildings and Offices.
John W. Tumbridge, Superintendent of Highways.
Telephone, 3960 Main.

BOROUGH OF QUEENS.

President's Office, Borough Hall, Jackson avenue and Fifth street, Long Island City; 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 4120 Hunters Point.
Maurice E. Connolly, President.
Joseph Flanagan, Secretary.
Denis O'Leary, Commissioner of Public Works.
G. Howland Leavitt, Superintendent of Highways.
John W. Moore, Superintendent of Buildings.
John R. Higgins, Superintendent of Sewers.
Daniel Ehntholt, Superintendent of Street Cleaning.
——— Superintendent of Public Buildings and Offices, Flushing. Telephone, 1740 Flushing.

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.
George Cromwell, President.
Maybury Fleming, Secretary.
Louis Lincoln Tribus, Consulting Engineer and Acting Commissioner of Public Works.
John Seaton, Superintendent of Buildings.
H. E. Buel, Superintendent of Highways.
John T. Fetherston, Assistant Engineer and Acting Superintendent of Street Cleaning.
Ernest H. Seehusen, Superintendent of Sewers.
John Timlin, Jr., Superintendent of Public Buildings and Offices.
Offices, Borough Hall, New Brighton, N. Y., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1000 Tompkinsville.

CORONERS.

Borough of Manhattan—Office, 70 Lafayette street, corner of Franklin street.
Open at all times of the day and night.
Coroners: Israel L. Feinberg, Herman Hellenstein, James E. Winterbottom, Herman W. Holtshauser.
Telephones, 5057, 5058 Franklin.
Borough of The Bronx—Corner of Arthur avenue and Tremont avenue. Telephone, 1250 Tremont and 1402 Tremont.
Jacob Shongut, Jerome F. Healy.
Borough of Brooklyn—Office, 236 Duffield street near Fulton street. Telephone, 4004 Main and 4005 Main.
Alexander J. Rooney, Edward Glinnen, Coroners.
Open all hours of the day and night.
Borough of Queens—Office, Town Hall, Fulton street, Jamaica, L. I.
Alfred S. Ambler, G. J. Schaefer.
Office hours from 9 a. m. to 10 p. m., excepting Sundays and holidays; office open then from 9 a. m. to 12 m.
Borough of Richmond—No. 175 Second street, New Brighton. Open all hours of the day and night.
William H. Jackson, Coroner.
Telephone, 7 Tompkinsville.

COUNTY OFFICES.

NEW YORK COUNTY.

COMMISSIONER OF JURORS.

Room 127, Stewart Building, Chambers street and Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Thomas Allison, Commissioner.
Frederick P. Simpson, Assistant Commissioner.
Telephone, 241 Worth.

COMMISSIONER OF RECORDS.

Office, Hall of Records.
William S. Andrews, Commissioner.
James O. Farrell, Deputy Commissioner.
William Moores, Superintendent.
James J. Fleming, Jr., Secretary.
Telephone, 3900 Worth.
Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
During the months of July and August the hours are from 9 a. m. to 2 p. m.

COUNTY CLERK.

Nos. 5, 8, 9, 10 and 11 New County Court House.
Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m. except on Saturdays.
William F. Schneider, County Clerk.
Charles E. Gehring, Deputy.
Wm. B. Selden, Second Deputy.
Herman W. Beyer, Superintendent of Indexing and Recording.
Telephone, 5388 Cortlandt.

DISTRICT ATTORNEY.

Building for Criminal Courts, Franklin and Centre streets.
Office hours from 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Charles S. Whitman, District Attorney.
Henry D. Sayer, Chief Clerk.
Telephone, 2304 Franklin.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
William M. Hoes, Public Administrator.
Telephone, 6376 Cortlandt.

REGISTER.

Hall of Records, office hours, from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.
Max S. Grifenhagen, Register.
William Halpin, Deputy Register.
Telephone, 3900 Worth.

SHERIFF.

No. 299 Broadway, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. Except during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Julius Harburger, Sheriff.
John F. Gilchrist, Under Sheriff.
Telephone, 4984 Worth.

SURROGATES.

Hall of Records. Court open from 9 a. m. to 4 p. m., except Saturday, when it closes at 12 m. During the months of July and August the hours are from 9 a. m. to 2 p. m.
John P. Cohalan and Robert L. Fowler, Surrogates; William V. Leary, Chief Clerk.
Bureau of Records: John F. Curry, Commissioner; Charles W. Culkin, Deputy Commissioner; ——— ———, Superintendent.
Telephone, 3900 Worth.

KINGS COUNTY.

COMMISSIONER OF JURORS.

Park Building, 381-387 Fulton street, Brooklyn
Thomas R. Farrell, Commissioner.
Michael J. Trudden, Deputy Commissioner.
Office hours from 9 a. m. to 4 p. m.; Saturdays from 9 a. m. to 12 m.
Office hours during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 1454 Main.

COMMISSIONER OF RECORDS.

Hall of Records.
Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Charles H. Graff, Commissioner.
William F. Thompson, Deputy Commissioner.
Telephone, 6988 Main.

COUNTY CLERK.

Hall of Records, Brooklyn. Office hours, 9 a. m. to 4 p. m.; during months of July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Charles S. Devoy, County Clerk.
John Feitner, Deputy County Clerk.
Telephone call, 4930 Main.

COUNTY COURT.

County Court House, Brooklyn, Rooms 1, 10, 14, 17, 18, 22 and 23. Court opens at 10 a. m. daily and sits until business is completed. Part I. Room No. 23; Part II., Room No. 10; Part III., Room No. 14; Part IV., Room No. 1, Court House. Clerk's office, Rooms 17, 18, 19 and 22, open daily from 9 a. m. to 5 p. m.; Saturdays, 12 m.
Norman S. Dike and Lewis L. Fawcett, County Judges.
John T. Rafferty, Chief Clerk.
Telephone, 4154 and 4155 Main.

DISTRICT ATTORNEY.

Office, 66 Court street, Borough of Brooklyn. Hours, 9 a. m. to 5.30 p. m.; Saturdays, 9 a. m. to 1 p. m.
James C. Cropsey, District Attorney.
Telephone, 2654-5-6-7 Main.

PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn, a. m. to 5 p. m.
Frank V. Kelly, Public Administrator.
Telephone, 2840 Main.

REGISTER.

Hall of Records. Office hours, 9 a. m. to 4 p. m., excepting months of July and August, then from 9 a. m. to 2 p. m., provided for by statute: Saturdays, 9 a. m. to 12 m.
Edward T. O'Loughlin, Register.
Alfred T. Hobley, Deputy Register.
Telephone, 2830 Main.

SHERIFF.

Temple Bar Building, 186 Remsen street, Room 401, Brooklyn, N. Y.
9 a. m. to 4 p. m.; Saturdays, 12 m.
Charles B. Law, Sheriff.
Lewis M. Swasey, Under Sheriff.
Telephone, 6845, 6846, 6847 Main.

SURROGATE.

Hall of Records, Brooklyn, N. Y.
Herbert T. Ketcham, Surrogate.
John H. McCooey, Chief Clerk and Clerk to the Surrogate's Court.
Court opens at 10 a. m. Office hours, 9 a. m to 4 p. m., except during months of July and August, when office hours are from 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3954 Main.

QUEENS COUNTY.

COMMISSIONER OF JURORS.

Office hours, 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.; Queens County Court House, Long Island City.

Thorndyke C. McKennee, Commissioner of Jurors.

Rodman Richardson, Assistant Commissioner.

Telephone, 455 Greenpoint.

COUNTY CLERK.

No. 364 Fulton street, Jamaica, Fourth Ward, Borough of Queens, City of New York.

Office open, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Martin Mager, County Clerk.

Telephone, 151 Jamaica.

COUNTY COURT

County Court House, Long Island City.

County Court opens at 10 a. m. Trial Terms begin first Monday of each month, except July, August and September. Special Terms each Saturday, except during August and first Saturday of September.

Burt J. Humphrey, County Judge.

Telephone, 551 Jamaica.

DISTRICT ATTORNEY.

Office, Queens County Court House, Long Island City, 9 a. m. to 5 p. m., Saturdays, 9 a. m. to 12 m.

County Judge's office always open at No. 336 Fulton street, Jamaica, N. Y.

Matthew J. Smith, District Attorney.

Telephone, 3871 and 3872 Hunters Point.

PUBLIC ADMINISTRATOR.

No. 364 Fulton street, Jamaica, Queens County.

Randolph White, Public Administrator, County of Queens.

Office hours, 9 a. m. to 4 p. m.

Saturdays, 9 a. m. to 12 m.

Telephone, 397 Jamaica..

SHERIFF.

County Court House, Long Island City, 9 a. m. to 4 p. m.; during July and August, 9 a. m. to 2 p. m.; Saturdays, 9 a. m. to 12 m.

Thomas M. Quinn, Sheriff.

John M. Phillips, Under Sheriff.

Telephone, 3766-7 Hunters Point (office).

Henry O. Schleth, Warden.

Telephone, 4161 Hunters Point.

SURROGATE.

Daniel Noble, Surrogate.

Office, No. 364 Fulton street, Jamaica.

Except on Sundays, holidays and half-holidays, the office is open from 9 a. m. to 4 p. m.; Saturdays, rom 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.

The calendar is called on each week day at 10 a. m., except during the month of August.

Telephone, 397 Jamaica.

RICHMOND COUNTY.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.

Charles J. Kullman, Commissioner.

Office open from 9 a. m. until 4 p. m.; Saturdays from 9 a. m. to 12 m.

Telephone, 81 Tompkinsville.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

C. Livingston Bostwick, County Clerk.

Telephone, 28 New Dorp.

COUNTY JUDGE AND SURROGATE.

County Court—J. Harry Tiernan, County Judge.

Terms of the County Court.

First Monday of March and first Monday of October, 1912, with a Grand and Trial Jury.

First Monday of May and first Monday of December, 1912, with a Trial Jury only.

On Wednesdays of each week at Richmond (except during the month of August).

Surrogate's Court—J. Harry Tiernan, Surrogate.

Court days: Mondays and Tuesdays, at the Surrogate's Office in the Borough Hall, St. George, and Wednesdays, at the Surrogate's Office, Richmond, at 10.30 a. m., on which citations and orders are returnable, except during the month of August, and except on days when Jury terms of the County Court are held.

Telephones, 235 New Dorp and 1000 Tompkinsville—Court Room.

DISTRICT ATTORNEY.

Borough Hall, St. George, S. I.

Albert C. Fach, District Attorney.

Telephone, 50 Tompkinsville.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

PUBLIC ADMINISTRATOR.

Office, Port Richmond.

William T. Holt, Public Administrator.

Telephone, 704 West Brighton.

SHERIFF.

County Court House, Richmond, S. I.

John J. Collins, Sheriff; Peter J. Finn, Jr., Under Sheriff.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 120 New Dorp.

THE COURTS.

APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT.

Court House, Madison avenue, corner Twenty fifth street. Court open from 2 p. m. until 6 p. m. Friday, Motion Day, Court opens at 10.30 a. m. Motions called at 10 a. m. Orders called at 10.30 a. m.

George L. Ingraham, Presiding Justice; Chester B. McLaughlin, Frank C. Laughlin, John Proctor Cl[illegible], Francis M. Scott, Nathan L. Miller, Vic[illegible] J. Dowling, Justices; Alfred Wagstaff, Clerk, Wi[illegible]am Lamb, Deputy Clerk.

[illegible]erk's Office opens 9 a. m.

[illegible]lephone, 3340 Madison Square.

SUPREME COURT—FIRST DEPARTMENT.

County Court House, Chambers street. Court open from 10.15 a. m. to 4 p. m.

Special Term, Part I. (motions), Room No. 16.

Special Term, Part II. (ex-parte business), Room No. 13.

Special Term, Part III., Room No. 19.

Special Term, Part IV., Room No. 20.

Special Term, Part V., Room No. 6.

Special Term, Part VI., Room No. 31.

Trial Term, Part II., Room No. 34.

Trial Term, Part III., Room No. 32.

Trial Term, Part IV., Room No. 21.

Trial Term, Part V., Room No. 24.

Trial Term, Part VI., Room No. 18.

Trial Term, Part VII., Room No. —.

Trial Term, Part VIII., Room No. 23.

Trial Term, Part IX., Room No. 35.

Trial Term, Part X., Room No. 26.

Trial Term, Part XI., Room No. 27.

Trial Term, Part XII., Room No. —.

Trial Term, Part XIII., and Special Term, Part VII., Room No. 36.

Trial Term, Part XIV., Room No. 28.

Trial Term, Part XV., Room No. 37.

Trial Term, Part XVI., Room No. —.

Trial Term, Part XVII., Room No. 20.

Trial Term, Part XVIII., Room No. 29.

Appellate Term, Room No. 29.

Naturalization Bureau, Room No. 38, third floor.

Assignment Bureau, room on mezzanine floor, northeast.

Clerks in attendance from 10 a. m. to 4 p. m.

Clerk's Office, Special Term, Part I. (motion) Room No. 15.

Clerk's Office, Special Term, Part II. (ex-parte business), ground floor, southeast corner.

Clerk's Office, Special Term, Calendar, ground floor, south.

Clerk's Office, Trial Term, Calendar, room northeast corner, second floor, east.

Clerk's Office, Appellate Term, room southwest corner, third floor.

Trial Term, Part I. (criminal business), Criminal Court House, Centre street.

Justices—Henry Bischoff, Leonard A. Giegerich' P. Henry Dugro, James Fitzgerald, James A. Blanchard, Samuel Greenbaum, Edward E. McCall, Edward B. Amend, Vernon M. Davis, Joseph E. Newburger, John W. Goff, Samuel Seabury, M. Warley Platzek, Peter A. Hendrick, John Ford, John J. Brady, Mitchell L. Erlanger, Charles L. Guy, James W. Gerard, Irving Lehman, Alfred R Page, Edward J. Gavegan, Nathan Bijur, John J. Delany, Francis K. Pendleton, Daniel F. Cohalan, Henry D. Hotchkiss.

Telephone, 4580 Cortlandt.

SUPREME COURT—CRIMINAL DIVISION.

Building for Criminal Courts, Centre, Elm White and Franklin streets.

Court opens at 10.30 a. m.

William F. Schneider, Clerk; Edward R. Carroll, Special Deputy to the Clerk.

Clerk's Office opens from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

During July and August, Clerk's Office will close at 2 p. m.

Telephone, 6064 Franklin.

APPELLATE DIVISION, SUPREME COURT.

SECOND JUDICIAL DEPARTMENT.

Court House, Borough Hall, Brooklyn. Court meets from 1 p. m. to 5 p. m., except that on Fridays court opens at 10 o'clock a. m. Almet F. Jenks, Presiding Justice; Michael H. Hirschberg, Joseph A. Burr, Edward B. Thomas, William J. Carr, John Woodward, Adelbert P. Rich, Justices. John B. Byrne, Clerk; Clarence A. Barrow, Deputy Clerk. Motion days, first and third Mondays of each Term.

Clerk's office opens 9 a. m.

Telephone, 1392 Main.

John B. Byrne, Clerk.

APPELLATE TERM—SUPREME COURT.

Court Room, 503 Fulton street, Brooklyn, Court meets 10 a. m. October Term begins October 7, 1912. Justices Frederick E. Crane, Joseph Aspinall, Harrington Putnam, Joseph H. DeBragga, Clerk; Owen J. Macaulay, Deputy Clerk.

Clerk's Office opens 9 a. m.

Telephones, 7452 and 7453 Main.

SUPREME COURT—SECOND DEPARTMENT.

KINGS COUNTY.

Kings County Court House, Joralemon and Fulton streets, Borough of Brooklyn.

Clerk's office hours, 9 o'clock a. m. to 5 o'clock p. m. Seven jury trial parts. Special Term for Trials. Special Term for Motions. Special Term (ex parte business).

Naturalization Bureau, Room 7, Hall of Records Brooklyn, N. Y.

James F. McGee, General Clerk.

Telephone, 5460 Main.

QUEENS COUNTY.

County Court House, Long Island City.

Court opens at 10 a. m. Trial and Special Term for Motions and ex-parte business each month except July, August and September, in Part 1.

Trial Term, Part 2, January, February, March, April, May and December.

Special Term for Trials, January, April, June and November.

Naturalization, first Friday in each Term.

Thomas B. Seaman, Special Deputy Clerk in charge.

John D. Peace, Part 1 and Calendar Clerk.

James Ingram, Part 2, Clerk.

Clerk's office open 9 a. m. to 5 p. m., except Saturday 9 a. m. to 12.30 p. m.

Telephone 3896 Hunters Point.

RICHMOND COUNTY.

Terms of Court in Year 1912.

Second Monday of January, first Monday of February, first Monday of April, first Monday of June, first Monday of November. Trial Terms to be held at County Court House at Richmond.

Second Monday of February, Second Monday of June, second Monday of November, Special Terms for Trials to be held at Court Room, Borough Hall, St. George.

First and third Saturdays of January, second and fourth Saturdays of March, first and third Saturdays of April, second and fourth Saturdays of May, first and third Saturdays of October, first and third Saturdays of December. Special Terms for Motions to be held at Court Room, Borough Hall, St. George.

C. Livingston Bostwick, Clerk.

John H. Wilkinson, Special Deputy.

COURT OF GENERAL SESSIONS.

Held in the Building for Criminal Courts, Centre Elm, White and Franklin streets.

Court opens at 10.30 a. m.

Warren W. Foster, Thomas C. O'Sullivan, Otto A. Rosalsky, Thomas C. T. Crain, Edward Swann, Joseph F. Mulqueen, James T. Malone, Judges of the Court of General Sessions; Edward R. Carroll, Clerk. Telephone, 1201 Franklin.

Clerk's Office open from 9 a. m. to 4 p. m.

During July and August Clerk's Office will close at 2 p. m., and on Saturdays at 12 m.

CITY COURT OF THE CITY OF NEW YORK.

No. 32 Chambers street, Brownstone Building, City Hall Park, from 10 a. m. to 4 p. m.

Special Term Chambers will be held from 10 a. m. to 4 p. m.

Clerk's Office open from 9 a. m. to 4 p. m.

Edward F. O'Dwyer, Chief Justice; Francis B. Delehanty, Joseph I. Green, Alexander Finelite, Thomas F. Donnelly, John V. McAvoy, Peter Schmuck, Richard T. Lynch, Edward B. La Fetra, Richard H. Smith, Justices. Thomas F. Smith, Clerk.

Telephone, 122 Cortlandt.

COURT OF SPECIAL SESSIONS.

Isaac Franklin Russell, Chief Justice; Joseph M. Deuel, Lorenz Zeller, John B. Mayo, Franklin Chase Hoyt, Joseph F. Moss, Howard J. Forker, John Fleming, Robert J. Wilkin, George J. O'Keefe, Morgan M. L. Ryan, James J. McInerney, Arthur C. Salmon, Henry Steinert and Cornelius F. Collins, Justices. Frank W. Smith, Chief Clerk.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.

Court opens at 10 a. m.

Part I., Criminal Court Building, Borough of Manhattan, John P. Hilly, Clerk. Telephone, 2092 Franklin.

Part II., 171 Atlantic avenue, Borough of Brooklyn. This part is held on Mondays, Thursday and Fridays. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.

Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesdays. H. S. Moran, Clerk. Telephone, 657 Jamaica.

Part IV., Borough Hall, St. George, Borough of Richmond. This part is held on Wednesdays. Robert Brown, Clerk. Telephone, 49 Tompkinsville.

CHILDREN'S COURT.

New York County—No. 66 Third avenue, Manhattan. Dennis A. Lambert, Clerk. Telephone, 1832 Stuyvesant.

Kings County—No. 102 Court street, Brooklyn Joseph W. Duffy, Clerk. Telephone, 627 Main.

Queens County—No. 19 Hardenbrook avenue Jamaica. Sydney Ollendorff, Clerk. This court is held on Mondays and Thursdays.

Richmond County—Corn Exchange Bank Bldg., St. George, S. I. William J. Browne, Clerk. This court is held on Tuesdays. Office open every day (except Sundays and holidays) from 9 a. m. to 4 p. m. On Saturdays from 9 a. m. to 12 m.

CITY MAGISTRATES' COURT.

FIRST DIVISION.

Court opens from 9 a. m. to 4 p. m.

William McAdoo, Chief City Magistrate; Robert C. Cornell, Peter T. Barlow, Matthew P. Breen, Frederick B. House, Charles N. Harris, Frederic Kernochan, Arthur C. Butts, Joseph E. Corrigan, Moses Herrman, Paul Krotel, Keyran J. O'Connor, Henry W. Herbert, Charles W. Appleton, Daniel F. Murphy, John J. Freschi, Francis X. McQuade, City Magistrates.

Philip Bloch, Chief Clerk, 300 Mulberry street.

Telephone, 6213 Spring.

First District—Criminal Court Building.

Second District—Jefferson Market.

Third District—Second avenue and First street.

Fourth District—

Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.

Sixth and Eighth Districts—One Hundred and Sixty-second street and Washington avenue.

Seventh District—No. 314 West Fifty-fourth street.

Ninth District (Night Court for Females)—No. 125 Sixth avenue.

Tenth District (Night Court for Males)—No. 314 West Fifty-fourth street.

Eleventh District—Domestic Relations Court—Southwest corner Prince and Wooster streets.

SECOND DIVISION.

BOROUGH OF BROOKLYN.

Otto Kempner, Chief City Magistrate; Edward J. Dooley, John Naumer, A. V. B. Voorhees, Jr., Alexander H. Geismar, John F. Hylan, Howard P. Nash, Moses J. Harris, Charles J. Dodd, John C. McGuire, Louis H. Reynolds, City Magistrates.

Office of Chief Magistrate, 44 Court street, Rooms 209-214. Telephone, 7411 Main.

William F. Delaney, Chief Clerk.

Archibald J. McKinney, Chief Probation Officer, Myrtle and Vanderbilt avenues, Brooklyn, N. Y.

Courts.

First District—No. 318 Adams street.

Second District—Court and Butler streets.

Fifth District—No. 249 Manhattan avenue.

Sixth District—No. 495 Gates avenue.

Seventh District—No. 31 Snider avenue (Flatbush).

Eighth District—West Eighth street (Coney Island).

Ninth District—Fifth avenue and Twenty-third street.

Tenth District—No. 133 New Jersey avenue.

Domestic Relations Court—Myrtle and Vanderbilt avenues.

BOROUGH OF QUEENS.

City Magistrates—Joseph Fitch, John A. Leach, Harry Miller, James J. Conway.

Courts.

First District—St. Mary's Lyceum, Long Island City.

Second District—Town Hall, Flushing, L. I.

Third District—Central avenue, Far Rockaway, L. I.

Fourth District—Town Hall, Jamaica, L. I.

BOROUGH OF RICHMOND.

City Magistrates—Joseph B. Handy, Nathaniel Marsh.

Courts.

First District—Lafayette avenue, New Brighton, Staten Island.

Second District—Village Hall, Stapleton, Staten Island.

All Courts open daily for business from 9 a. m. to 4 p. m., except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

MUNICIPAL COURTS.

BOROUGH OF MANHATTAN.

First District—The First District embraces the territory bounded on the south and west by the southerly and westerly boundaries of the said borough, on the north by the centre line of Fourteenth street and the centre line of Fifth street from the Bowery to Second avenue, on the east by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.

Wauhope Lynn, William F. Moore, John Hoyer, Justices.

Thomas O'Connell, Clerk.

Frank Mangin, Deputy Clerk.

Location of Court—Merchants' Association Building, Nos. 54-60 Lafayette street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m. July and August from 9 a. m to 2 p. m.

Additional Part is held at southwest corner of Sixth avenue and Tenth street.

Telephone, 6030 Franklin.

Second District—The Second District embraces the territory bounded on the south by the centre line of Fifth street from the Bowery to Second avenue and on the south and east by the southerly and easterly boundaries of the said borough, on the north by the centre line of East Fourteenth street, on the west by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.

Benjamin Hoffman, Leon Sanders, Thomas P. Dinnean, Leonard A. Snitkin, Justices.

James J. Devlin, Clerk.

Location of Court—Nos. 264 and 266 Madison treet. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4300 Orchard.

Third District—The Third District embraces the territory bounded on the south by the centre line of Fourteenth street, on the east by the centre line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the centre line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the centre line of Sixty-fifth street and the centre line of Fifty-ninth street from Seventh to Eighth avenue, on the west by the westerly boundary of the said borough.

Thomas E. Murray, Thomas F. Noonan, Justices.

Michael Skelly, Clerk.

Location of Court—No. 314 West Fifty-fourth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone number, 5450 Columbus.

Fourth District—The Fourth District embraces the territory bounded on the south by the centre line of East Fourteenth street, on the west by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, on the north by the centre line of Fifty-ninth street, on the east by the easterly line of said borough; excluding, however, any portion of Blackwells Island.

Michael F. Blake, William J. Boyhan, Justices.

Abram Bernard, Clerk.

Location of Court—Part I. and Part II., No. 207 East Thirty-second street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4358 Madison square.

Fifth District—The Fifth District embraces the territory bounded on the south by the centre line of Sixty-fifth street, on the east by the centre line of Central Park West, on the north by the centre line of One Hundred and Tenth street, on the west by the westerly boundary of said borough.

Alfred P. W. Seaman, William Young, Frederick Spiegelberg, Justices.

John H. Servis, Clerk.

Location of Court—Southwest corner of Broadway and Ninety-sixth street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4006 Riverside.

Sixth District—The Sixth District embraces the territory bounded on the south by the centre line of Fifty-ninth street and by the centre line of Ninety-sixth street from Lexington avenue to Fifth avenue, on the west by the centre line of Lexington avenue from Fifty-ninth street to Ninety-sixth street and the centre line of Fifth avenue from Ninety-sixth street to One Hundred and Tenth street, on the north by the centre line of One Hundred and Tenth street, on the east by the easterly boundary of said borough, including, however, all of Blackwell Island and excluding any portion of Wards Island.

Jacob Marks, Solomon Oppenheimer, Justices.

Edward A. McQuade, Clerk.

Location of Court—Northwest corner of Third avenue and Eighty-third street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 4343 Lenox.

Seventh District—The Seventh District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the east by the centre line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of Fifth avenue, following in a northerly direction the course of the Harlem River, on a line coterminus with the easterly boundary of said borough, on the north and west by the northerly and westerly boundaries of said borough.

Philip J. Sinnott, David L. Weil, John R. Davies, Justices.

John P. Burns, Clerk.

Location of Court—No. 70 Manhattan street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; July and August, 9 a. m. to 2 p. m.

Eighth District—The Eighth District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the west by the centre line of Fifth avenue, on the north and east by the northerly and easterly boundaries of said borough, including Randalls Island and the whole of Wards Island.

Joseph P. Fallon and Leopold Prince, Justices.

Hugh H. Moore, Clerk.

Location of Court—Sylvan place and One Hundred and Twenty-first street, near Third avenue. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 3950 Harlem.

Ninth District—The Ninth District embraces the territory bounded on the south by the centre line of Fourteenth street and by the centre line of Fifty-ninth street from the centre line of Seventh avenue to the centre line of Central Park West, on the east by the centre line of Lexington avenue and by the centre line of Irving place, including its projection through Gramercy Park, and by the centre line of Fifth avenue from the centre line of Ninety-sixth street to the centre line of One Hundred and Tenth street, on the north by the centre line of Ninety-sixth street from the centre line of Lexington avenue to the centre line of Fifth avenue and One Hundred and Tenth stree from Fifth avenue to Central Park West, on the west by the centre line of Seventh avenue and Central Park West.

Edgar J. Lauer, Frederic De Witt Wells, Frank D. Sturges, William C. Wilson, Justices.

Frank Bulkley, Clerk.

Location of Court—Southwest corner of Madison avenue and Fifty-ninth street. Parts I. and II. Court opens at 9 a. m. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.

Telephone, 3873 Plaza.

BOROUGH OF THE BRONX.

First District—All that part of the Twenty-ourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court room, Town Hall, No. 1400 Williamsbridge road, Westchester Village. Court open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m. Trial of causes, Tuesday and Friday of each week.

Peter A. Sheil, Justice.

Stephen Collins, Clerk.

Office hours from 9 a. m. to 4 p. m.; Saturdays closing at 12 m.

Telephone, 457 Westchester.

Second District—Twenty-third and Twenty-fourth Wards, except the territory described in chapter 934 of the Laws of 1895. Court room southeast corner of Washington avenue and One Hundred and Sixty-second street. Office hours from 9 a. m. to 4 p. m. Court opens at 9 a. m., Sundays and legal holidays excepted.

John M. Tierney and William E. Morris, Justices.

Thomas A. Maher, Clerk.

Telephone, 3043 Melrose.

BOROUGH OF BROOKLYN.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards, and that portion of the Eleventh Ward beginning at the intersection of the centre lines of Hudson and Myrtle avenues, thence along the centre line of Myrtle avenue to North Portland avenue, thence along the centre line of North Portland avenue to Flushing avenue, thence along the centre line of Flushing avenue to Navy street, thence along the centre line of Navy street to Johnson street, thence along the centre line of Johnson street to Hudson avenue, and thence along the centre line of Hudson avenue to the point of beginning, of the Borough of Brooklyn.

Court House, northwest corner State and Court treets. Parts I. and II.

Eugene Conran, Justice. John L. Gray, Clerk

Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted.
Telephone, 7091 Main.

Second District—Seventh Ward and that portion of the Twenty-first and Twenty-third Wards west of the centre line of Stuyvesant avenue and the centre line of Schenectady avenue, also that portion of the Twentieth Ward beginning at the intersection of the centre lines of North Portland and Myrtle avenues, thence along the centre line of Mrytle avenue to Waverly avenue, thence along the centre line of Waverly avenue to Park avenue, thence along the centre line of Park avenue to Washington avenue, thence along the centre line of Washington avenue to Flushing avenue, thence along the centre line of Flushing avenue to North Portland avenue, and thence along the centre line of North Portland avenue to the point of beginning.
Court room, No. 495 Gates avenue.
John R. Farrar, George Freifield, Justices. Franklin B. Van Wart, Clerk.
Clerk's Office open from 8.45 a. m. to 4 p. m. Sundays and legal holidays excepted. Saturdays 8.45 a. m. to 12 m.
Telephone, 504 Bedford.

Third District—Embraces the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards, and that portion of the Twenty-seventh Ward lying northwest of the centre line of Starr street between the boundary line of Queens County and the centre line of Central avenue, and northwest to the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and northwest of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.
Court House, Nos. 6 and 8 Lee avenue, Brooklyn.
Philip D. Meagher and William J. Bogenshutz Justices. John W. Carpenter, Clerk.
Clerk's Office open from 9 a. m. to 4 p. m. Sundays and legal holidays excepted
Court opens at 9 a. m.
Telephone, 995 Williamsburg.

Fourth District—Embraces the Twenty-fourth and Twenty-fifth Wards, that portion of the Twenty-first and Twenty-third Wards lying east of the centre line of Stuyvesant avenue and east of the centre line of Schenectady avenue, and that portion of the Twenty-seventh Ward lying southeast of the centre line of Starr street between the boundary line of Queens and the centre line of Central avenue and southeast of the centre line of Suydam street between the centre lines of Central and Bushwick avenues, and southeast of the centre line of Willoughby avenue between the centre lines of Bushwick avenue and Broadway.
Court room, No. 14 Howard avenue.
Jacob S. Strahl, Justice. Joseph P. McCarthy Clerk.
Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

Fifth District—Contains the Eighth, Thirtieth and Thirty-first Wards, and so much of the Twenty-second Ward as lies south of Prospect avenue.
Court House, northwest corner of Fifty-third street and Third avenue (No. 5220 Third avenue).
Cornelius Furgueson, Justice. Jeremiah J. O'Leary, Clerk.
Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.
Telephone, 3907 Sunset.

Sixth District—The Sixth District embraces the Ninth and Twenty-ninth Wards and that portion of the Twenty-second Ward north of the centre line of Prospect avenue; also that portion of the Eleventh and the Twentieth Wards beginning at the intersection of the centre lines of Bridge and Fulton streets; thence along the centre line of Fulton street to Flatbush avenue; thence along the centre line of Flatbush avenue to Atlantic avenue; thence along the centre line of Atlantic avenue to Washington avenue; thence along the centre line of Washington avenue to Park avenue; thence along the centre line of Park avenue to Waverly avenue; thence along the centre line of Waverly avenue to Myrtle avenue; thence along the centre line of Mrytle avenue to Hudson avenue; thence along the centre line of Hudson avenue to Johnson street; thence along the centre line of Johnson street to Bridge street, and thence along the centre line of Bridge street to the point of beginning.
Lucien S. Bayliss and Stephen Callaghan Justices. William R. Fagan, Clerk.
Court House, No. 236 Duffield street.
Telephone, 6166-I Main.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.

Alexander S. Rosenthal and Edward A. Richards Justices. James P. Sinnott, Clerk.
Court House, corner Pennsylvania avenue and Fulton street (No. 31 Pennsylvania avenue).
Clerk's Office open from 8.45 a. m. to 4 p. m., Saturdays, 9 a. m. to 12 m. Trial days, Tuesdays, Wednesdays, Thursdays and Fridays. During July and August, 8.45 a. m. to 2 p. m.
Telephones, 904 and 905 East New York.

BOROUGH OF QUEENS.

First District—Embraces the territory bounded by and within the canal, Rapelye avenue, Jackson avenue, Old Bowery Bay road, Bowery Bay, East River and Newtown Creek. Court room, St. Mary's Lyceum, Nos. 115 and 117 Fifth street, Long Island City.
Clerk's Office open from 9 a. m. to 4 p. m. each day, excepting Saturdays, closing at 12 m. Trial days, Mondays, Wednesdays and Fridays. All other business transacted on Tuesdays and Thursdays.
Thomas C. Kadien, Justice. John F. Cassidy, Clerk.
Telephone, 1420 Hunters Point.
Second District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, boundary line between the Second and Third Wards, Flushing Creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, East River, Bowery Bay, Old Bowery Bay road, Jackson avenue, Rapelye avenue, the canal and Newtown Creek.

Court room in Court House of the late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, Queens County, New York.
John M. Cragen, Justice. J. Frank Ryan, Clerk.
Trial days, Tuesdays and Thursdays.
Fridays for Jury trials only.
Clerk's Office open from 9 a. m. to 4 p. m Sundays and legal holidays excepted.
Telephone, 87 Newtown.
Third District—Embraces the territory bounded by and within Maspeth avenue, Maurice avenue, Calamus road, Long Island Railroad, Trotting Course lane, Metropolitan avenue, boundary line between the Second and Fourth Wards, Vandeveer avenue, Jamaica avenue, Shaw avenue, Atlantic avenue, Morris avenue, Rockaway road, boundary line between Queens and Nassau counties, Atlantic Ocean, Rockaway Inlet, boundary line between Queens and Kings counties and Newtown Creek.
Alfred Denton, Justice. John H Huhn, Clerk. 1908 and 1910 Myrtle avenue, Glendale.
Telephone, 2352 Bushwick.
Clerk's Office open from 9 a. m. to 4 p. m.
Trial days, Tuesdays and Thurdays (Fridays for Jury trials only), at 9 a. m.

Fourth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing Creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck Bay, boundary line between Queens and Nassau counties, Rockaway road, Morris avenue, Atlantic avenue, Shaw avenue, Jamaica avenue and Vandeveer avenue.
Court House, Town Hall, northeast corner of Fulton street and Flushing avenue, Jamaica.
James F. McLaughlin, Justice. George W. Damon, Clerk.
Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.
Court held on Mondays, Wednesdays and Fridays at 9 a. m.
Telephone, 1654 Jamaica.

BOROUGH OF RICHMOND.

First District—First and Third Wards (Towns of Castleton and Northfield). Court room, former Village Hall, Lafayette avenue and Second street New Brighton.
Thomas C. Brown, Justice. Thomas E. Cremins, Clerk.
Clerk's Office open from 8.45 a. m. to 4 p. m.
Telephone, 503 Tompkinsville.
Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court room, former Edgewater Village Hall, Stapleton.
Arnold J. B. Wedemeyer, Justice. William Wedemeyer, Clerk.
Clerk's Office open from 8.45 a. m. to 4 p. m.
Court opens at 9 a. m. Calendar called at 9 a. m. Court continued until close of business Trial days, Mondays, Wednesdays and Fridays.
Telephone, 313 Tompkinsville.

CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commissioners appointed under said acts will be held at the office of the Commission, Room 223, 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Tuesdays and Thursdays of each week, at 2 o'clock p. m., until further notice.
Dated New York City, July 26, 1911.
WILLIAM D. DICKEY, CAMBRIDGE LIVINGSTON, DAVID ROBINSON, Commissioners.
LAMONT McLOUGHLIN, Clerk.

BOARD OF ESTIMATE AND APPORTIONMENT.

Public Improvement Matters.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grades of East 13th street, from Avenue P to Kings highway, and from Avenue V to Avenue X; and of East 17th street, from Avenue V to Avenue W, Borough of Brooklyn, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grades of East 13th street, from Avenue P to Kings highway, and from Avenue V to Avenue X; and of East 17th street, from Avenue V to Avenue W, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated June 25, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the street system bounded by Parrott place, 7th avenue, 86th street, 14th avenue, Dyker Beach Park and 92d street, Borough of Brooklyn, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines and grades of the street system bounded by Parrott place, 7th avenue, 86th street, 14th avenue, Dyker Beach Park and 92d street, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated June 6, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November. 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the street system bounded by Parrott place, 7th avenue, 86th street, 14th avenue, Dyker Beach Park and 92d street, Borough of Brooklyn, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grades of East 13th street, from Avenue P to Kings highway, and from Avenue V to Avenue X; and of East 17th street, from Avenue V to Avenue W, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated June 25, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and the corporation newspapers for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grade of Gerard avenue, between East 153d street and East 157th street, Borough of The Bronx, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grade of Gerard avenue, between East 153d street and East 157th street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated February 10, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grade of Summit place, between Heath avenue and Bailey avenue, and of Bailey avenue, between West 231st street and the grade point about 35 feet north of the northerly line of Summit place, Borough of The Bronx, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grade of Summit place, between Heath avenue and Bailey avenue, and of Bailey avenue, between West 231st street and the grade point about 35 feet north of the northerly line of Summit place, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated July 29, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines of Spencer place, from East 144th street to East 149th street, Borough of The Bronx, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines of Spencer place, from East 144th street to East 149th street, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated May 7, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out the lines and grades of North street, between Walton avenue and Morris avenue, Borough of The Bronx, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by laying out the lines and grades of North street, between Walton avenue and Morris avenue, in the Borough of The Bronx, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated July 9, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the street system bounded approximately by Betts avenue, Borden avenue, Marabel avenue and Maspeth avenue, 2d Ward, Borough of Queens, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines and grades of the street system bounded approximately by Betts avenue, Borden avenue, Marabel avenue and Maspeth avenue, in the 2d Ward, Borough of Queens, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated June 18, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out the lines and grades where the same have not heretofore been established, and change the lines and grades where the same have been heretofore established in the territory bounded by Botanic street, State street, Aspinwall street, Laura place, Murray street, Mitchell avenue, Boerum avenue, Connorton avenue, Van Riper avenue, Bayside avenue, Joslin street, Crocheron avenue, Jackson avenue, Hoogland street, Matthew place, Dunsing street, Marston avenue, Murray street and Amity street, 3d Ward, Borough of Queens, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:
Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by laying out the lines and grades where the same have not heretofore been established, and changing the lines and grades where the same have been heretofore established in the territory bounded by Botanic street, State street, Aspinwall street, Laura place, Murray street, Mitchell avenue, Boerum avenue, Connorton avenue, Van Riper avenue, Bayside avenue, Joslin street, Crocheron avenue, Jackson avenue, Hoogland street, Matthew place, Dunsing street, Marston avenue, Murray street and Amity street, in the 3d Ward, Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated May 29, 1912.
Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.
Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.
Dated October 31, 1912.
JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out the lines and grades where the same have not heretofore been established, and change the lines and grades where the same have been heretofore established within the territory bounded by Main street, Jackson avenue, Whitestone avenue, Bayside avenue, Brewster avenue, Mitchell avenue, Crawford place, Alice street, Parsons avenue, Jackson avenue, Bowne avenue and Burcker street, 3d Ward, Borough of Queens, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City

Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by laying out the lines and grades where the same have not heretofore been established, and changing the lines and grades where the same have been heretofore established within the territory bounded by Main street, Jackson avenue, Whitestone avenue, Bayside avenue, Brewster avenue, Mitchell avenue, Crawford place, Alice street, Parsons avenue, Jackson avenue, Bowne avenue and Burcker street, in the 3d Ward, Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated May 14, 1912.

Resolved, That this Board consider the proposed change at a meeting of the Board, to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to lay out the lines and grades of the street system within the area designated as section 119 of the final maps, Borough of Queens, and that a meeting of said Board will be held in Room 18 (Aldermanic Chamber), City Hall, Borough of Manhattan, City of New York, on November 14, 1912, at 10.30 o'clock a. m., at which such proposed change will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by the Board on October 17, 1912, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by laying out the lines and grades of the street system within the area designated as Section 119 of the Final Maps, bounded approximately by Audley street, Grenfell street, Onslow place, Kew Gardens road, Keystone street, DeGraw street, Kew Gardens road, Cottage street, Hillside avenue, Maure avenue, Jamaica avenue, Spruce street, Hillside avenue, Lefferts avenue and Ashland street; and approximately by Barrett street, Hutton street, Sussman street and Widener street, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated July 25, 1912.

Resolved, That this Board consider the proposed change at a meeting of the Board to be held in the City Hall, Borough of Manhattan, City of New York, on the 14th day of November, 1912, at 10.30 o'clock a. m.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby that the proposed change will be considered at a meeting of the Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Roberge place, from West 3d street to West 5th street; and West 2d street, from Sheepshead Bay road to Sea Breeze avenue, in the Borough of Brooklyn, City of New York; and

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

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

Beginning at a point on the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Roberge place, the said distance being measured at right angles to Roberge place, distant 100 feet westerly from the westerly line of West 5th street, and running thence eastwardly along the said line parallel with Roberge place and along the prolongations of the said line to the intersection with a line midway between West 2d street and West 3d street; thence northwardly along the said line midway between West 2d street and West 3d street to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Sheepshead Bay road, the said distance being measured at right angles to Sheepshead Bay road; thence eastwardly along the said line parallel with Sheepshead Bay road to the intersection with a line midway between West 1st street and West 2d street; thence southwardly along the said line midway between West 1st street and West 2d street and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of Sea Breeze avenue, the said distance being measured at right angles to Sea Breeze avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Sea Breeze avenue to the intersection with the prolongation of a line midway between West 2d street and West 3d street; thence northwardly along the said line midway between West 2d street and West 3d street and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Roberge place, the said distance being measured at right angles to Roberge place; thence westwardly along the said line parallel with Roberge place and along the prolongations of the said line to the intersection with a line parallel with West 5th street and passing through the point of beginning; thence northwardly along the said line parallel with West 5th street to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and the corporation newspapers for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Avenue H, from Ocean parkway to Coney Island avenue; from Ocean avenue to Flatbush avenue, and from the southeasterly right-of-way line of the Long Island Railroad to Ralph avenue, in the Borough of Brooklyn, City of New York; and

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

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

1. Bounded on the north by a line midway between Avenue G and Avenue H, as these streets are laid out immediately adjoining Coney Island avenue on the east, and by the prolongation of the said line; on the east by a line midway between Westminster road and Argyle road; on the south by the Northerly right-of-way line of the Long Island Railroad; and on the west by a line midway between East 5th street and Ocean parkway and by the prolongation of the said line.

2. Beginning at a point on a line midway between East 18th street and East 19th street where it is intersected by a line midway between Avenue G and Avenue H as these streets are laid out at Ocean avenue and running thence eastwardly along the said line midway between Avenue G and Avenue H and along the prolongation of the said line to the intersection with the prolongation of a line midway between Glenwood road and Avenue H; thence eastwardly along the said line midway between Glenwood road and Avenue H and along the prolongation of the said line to the intersection with a line midway between East 32d street and East 33d street; thence southwardly along the said line midway between East 32d street and East 33d street and along the prolongation of the said line to the intersection with the northerly right-of-way line of the Long Island Railroad; thence westwardly along the said right-of-way line to the intersection with a line midway between East 18th street and East 19th street; thence northtwardly along the said line midway between East 18th street and East 19th street to the point or place of beginning.

3. Beginning at a point on a line midway between East 38th street and East 39th street where it is intersected by a line midway between Glenwood road and Avenue H, and running thence eastwardly along the said line midway between Glenwood road and Avenue H to the intersection with a line midway between Albany avenue and East 42d street; thence southwardly along the said line midway between Albany avenue and East 42d street and along the prolongation of the said line to the intersection with the southeasterly right-of-way line of the Long Island Railroad; thence northeastwardly along the said right-of-way line to the intersection with a line midway between Glenwood road and Avenue H; thence eastwardly along the said line midway between Glenwood road and Avenue H and along the prolongation of the said line to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Ralph avenue, the said distance being measured at right angles to Ralph avenue; thence southwardly along the said line parallel with Ralph avenue to the intersection with the prolongation of a line midway between Avenue H and Avenue I, as these streets are laid out immediately west of Ralph avenue; thence westwardly along the said line midway between Avenue H and Avenue I and along the prolongation of the said line to the intersection with a line midway between East 38th street and East 39th street; thence northwardly along the said line midway between East 38th street and East 39th street, and along the prolongation of the said line to the point or place of beginning.

Resolved, That this Board consider the proposed areas of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD and the corporation newspapers for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of West 180th street, from Aqueduct avenue to Osborne place, in the Borough of The Bronx, City of New York; and

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

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

Beginning at a point on the southeasterly line of Andrews avenue where it is intersected by a line passing through a point on the northwesterly line of Andrews avenue and a point on the easterly line of Osborne place, respectively midway between West 179th street and West 180th street, and running thence westwardly along the line so located to a point distant 100 feet westerly from the westerly line of Osborne place, the said distance being measured at right angles to Osborne place; thence northwardly and parallel with Osborne place and its prolongation as laid out at West 180th street, to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of West 180th street as this street adjoins Osborne place, the said distance being measured at right angles to West 180th street; thence eastwardly along the said line parallel with West 180th street and along the prolongation of the said line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Andrews avenue as this street is laid out north of West 180th street, the said distance being measured at right angles to Andrews avenue; thence northwardly along the said line parallel with Andrews avenue to the intersection with the prolongation of the southerly property line of the University of the City of New York as this extends across the northerly terminus of Wiegand place; thence eastwardly along the said property line and its prolongation to the intersection with the westerly line of Aqueduct avenue; thence eastwardly at right angles to Aqueduct avenue a distance of 200 feet; thence southwardly and always distant 200 feet easterly from and parallel with the westerly line of Aqueduct avenue to the intersection with a line at right angles to Aqueduct avenue and passing through a point on its westerly side where it is intersected by a line parallel with West 179th street as this street is laid out between Andrews avenue and Aqueduct avenue and passing through the point of beginning; thence westwardly along the said line at right angles to Aqueduct avenue to the intersection with its westerly side; thence westwardly along the said line parallel with West 179th street to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the lands and premises required for the opening and extending of Paulding avenue, from West Farms road to Bogart avenue; and Bogart avenue, from Paulding avenue to Bronx and Pelham parkway south, in the Borough of The Bronx, City of New York; and

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

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

1. Beginning at a point on the northerly line of West Farms road where it is intersected by a line bisecting the angle formed by the intersection of the prolongation of the northeasterly line of Bear Swamp road and the westerly line of Paulding avenue as these streets are laid out immediately adjoining West Farms road, and running thence northwestwardly along the said bisecting line to the intersection with the southerly right-of-way line of the New York, New Haven and Hartford Railroad; thence eastwardly along the said right-of-way line to the intersection with the prolongation of a line midway between Paulding avenue and Hone avenue, as these streets are laid out immediately adjoining West Farms road; thence southwardly along the said line midway between Paulding avenue and Hone avenue and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of West Farms road, the said distance being measured at right angles to West Farms road; thence westwardly and parallel with West Farms road to the intersection with a line at right angles to West Farms road and passing through the point of beginning; thence northwardly along the said line at right angles to West Farms road to the point or place of beginning.

2. Beginning at a point on the southerly line of Pelham parkway south where it is intersected by the prolongation of a line midway between Paulding avenue and Hone avenue as these streets are laid out at the unnamed street south of Pelham parkway south, and running thence southwardly along the said line midway between Paulding avenue and Hone avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Paulding avenue and Hone avenue as these streets are laid out south of Lydig avenue; thence southwardly along the said line midway between Paulding avenue and Hone avenue and along the prolongations of the said line to the intersection with the northerly right-of-way line of the New York, New Haven and Hartford Railroad; thence westwardly along the said right-of-way line to the intersection with the prolongation of a line midway between Paulding avenue and Colden avenue as these streets are laid out south of Lydig avenue; thence northwardly along the said line midway between Paulding avenue and Colden avenue and along the prolongations of the said line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Paulding avenue as this street is laid out where it adjoins the unnamed street south of Bronx and Pelham parkway, the said distance being measured at right angles to Paulding avenue; thence northwardly along the said line parallel with Paulding avenue to the intersection with the easterly line of Bogart avenue; thence westwardly at right angles to Bogart avenue a distance of 160 feet; thence northwardly and parallel with Bogart avenue to the intersection with the southerly line of Pelham parkway south; thence eastwardly along the southerly line of Pelham parkway south to the point or place of beginning.

Resolved, That this Board consider the proposed areas of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York on the 5th day of April, 1907, instituted proceedings for acquiring title to Pierce avenue, from Jackson avenue to the East River, in the Borough of Queens, which proceeding was amended by the said Board on April 8, 1910, so as to change the boundary of the district of assessment; and

Whereas, The Board of Estimate and Apportionment is considering the advisability of further amending the aforesaid proceeding so as to conform to a change from 80 feet to 65 feet in the width of Pierce avenue, from Vernon avenue to the East River, as shown upon a map or plan adopted by the said Board on September 19, 1912, and approved by the Mayor on September 30, 1912; the proceeding as amended to relate to Pierce avenue, from Jackson avenue to Vernon avenue, at a width of 80 feet; and from Vernon avenue to the East River at a width of 65 feet.

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

Beginning at a point on the bulkhead line of the East River where it is intersected by the prolongation of a line midway between Washington avenue and Pierce avenue as these streets are laid out westerly from Marion street, and running thence northwardly along the said bulkhead line to the intersection with a line passing through a point on the easterly line of Vernon avenue midway between Graham avenue and Pierce avenue and a point on the westerly line of the Boulevard midway between Graham avenue and Pierce avenue; thence eastwardly along the line last described to the intersection with the prolongation of a line midway between Graham avenue and Pierce avenue as these streets are laid out easterly from Marion street; thence eastwardly along the said line midway between Graham avenue and Pierce avenue, and along the prolongation of the said line to the intersection with the prolongation of a line midway between Grove street and Bliss street; thence southwardly along the said line midway between Grove street and Bliss street and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of Jackson avenue, the said distance being measured at right angles to Jackson avenue; thence southwestwardly and always distant 100 feet southerly from and parallel with the southerly line of Jackson avenue to the intersection with a line midway between Madden street and Van Buren street; thence northwardly along the said line midway between Madden street and Van Buren street, and along the prolongation of the said line to the intersection with the prolongation of a line midway between Pierce avenue and Washington avenue as these streets are laid out easterly from Hopkins avenue; thence westwardly along the said line midway between Pierce avenue and Washington avenue, and along the prolongation of the said line to the intersection with the prolongation of a line midway between Pierce avenue and Washington avenue as these streets are laid out westerly from Marion street; thence westwardly along the said line midway between Pierce avenue and Washington avenue, and along the prolongation of the said line to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding instituted by said Board on September 25, 1908, for acquiring title to Hebberd avenue, from Flushing avenue to Fresh Pond road, in the Borough of Queens, so as to relate to Hebberd avenue between the aforesaid limits as shown upon a map or plan adopted by the Board of Estimate and Apportionment September 19, 1912, and approved by the Mayor September 30, 1912.

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

Beginning at a point on the prolongation of a line midway between Linden avenue and Hebberd avenue, distant 100 feet easterly from the easterly line of Fresh Pond road, the said distance being measured at right angles to the line of Fresh Pond road, and running thence southwardly and parallel with Fresh Pont road to the intersection with the prolongation of a line midway between Hebberd avenue and Mount Olivet avenue; thence westwardly along a line always midway between Hebberd avenue and Mount Olivet avenue, and along the prolongation of the said line to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Flushing avenue, the said distance being measured at right angles to the line of Flushing avenue; thence northeastwardly along the said line parallel with Flushing avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northerly line of Hebberd avenue as laid out at Flushing avenue and the southerly line of James street; thence eastwardly along the said bisecting line to the intersection with a line midway between Linden avenue and Hebberd avenue; thence eastwardly along the said line midway between Linden avenue and Hebberd avenue and the prolongation thereof to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding instituted by said Board on June 29, 1911, for acquiring title to Winthrop avenue, from the bulkhead line of the East River to the easterly line of the old Shore road (boulevard); and from the easterly line of Chauncey street to the easterly line of the 1st Ward (old Bowery Bay road), Borough of Queens, so as to relate to Winthrop avenue, between the easterly line of Chauncey street and the old Bowery Bay road.

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

Bounded on the northeast by a line midway between Winthrop avenue and Riker avenue, and by the prolongation of the said line; on the southeast by a line always distant 100 feet southeasterly from and parallel with the southeasterly line of Bowery Bay road, the said distance being measured at right angles to Bowery Bay road; on the southwest by a line midway between Winthrop avenue and Wolcott avenue, and by the prolongation of the said line; and on the northwest by the southeasterly line of Chauncey street and by the prolongation of the said line.

Resolved, That this Board consider the proposed modified area of assessment at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 10. 1912, the following resolutions were adopted:

Whereas, the Board of Estimate and Apportionment of The City of New York is considering the advisability of instituting proceedings to acquire title to the public park (East River Park) bounded by Barclay street, Hoyt avenue, the bulkhead line of the East River and Ditmars avenue, Borough of Queens; and

Whereas, In pursuance of the provisions of section 247 of the Greater New York Charter, as amended (chapter 679, Laws of 1911), the Board is considering the advisability of placing 15 per cent. of the entire cost and expense of the proceeding upon the following local area:

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

And whereas, In pursuance of the provisions of section 247 of the Greater New York Charter, as amended (chapter 679, Laws of 1911), the Board is considering the advisability of placing 50 per cent. of the entire cost and expense of the proceeding upon the Borough of Queens, 15 per cent. of the entire cost and expense of the proceeding upon the Borough of Manhattan, and the remaining 20 per cent. of the entire cost and expense of the proceeding upon the City at large.

Resolved, That this Board will consider the proposed acquisition of title to the foregoing public park, and the proposed distribution of the expense of such acquisition in accordance with the provisions of the Greater New York Charter, as amended, at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 o'clock a. m., at which time and place a public hearing thereon will then and there be held, at which all persons interested in such proposed area and distribution of cost and expense will be afforded an opportunity to be heard thereon.

Resolved, That the Secretary of this Board cause these resolutions and notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. o31,n12

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment, held on October 17, 1912, the following resolutions were adopted:

Whereas, The Board of Estimate and Apportionment of The City of New York is considering the advisability of amending the proceeding instituted by said Board on July 27, 1911, for acquring title to

Fort Schuyler road, from the easterly boundary of lands acquired for West Farms road at Westchester Creek to Shore drive, Borough of The Bronx, by excluding that portion of said Fort Schuyler road lying south of Morris lane, thereby making the proceeding relate to Fort Schuyler road from the easterly boundary line of the land acquired for West Farms road at Westchester Creek to Morris lane.

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

Beginning at a point on the easterly bulkhead line of Westchester Creek as indicated on the final maps of the borough, where it is intersected by the prolongation of a line midway between Schuyler street and Halsey street as these streets are laid out between Seabury avenue and Commerce avenue, and running thence westwardly along the said line midway between Schuyler street and Halsey street and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of Seabury avenue; thence northwardly along a line always distant 100 feet westerly from and parallel with the westerly line of Seabury avenue, and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of Lane avenue as this street is laid out where it adjoins Benson street; thence northwardly along the said line parallel with Lane avenue and along the prolongations of the said line to the intersection with the prolongation of a line midway between Roberts avenue and Ponton avenue; thence eastwardly along the said line midway between Roberts avenue and Ponton avenue, and along the prolongation of the said line, to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Blondell avenue and the westerly line of Waters avenue, as these streets are laid out between Ponton avenue and Fink avenue; thence southwardly along the said bisecting line to the intersection with a line midway between Ponton avenue and Fink avenue; thence eastwardly along the said line midway between Ponton avenue and Fink avenue to the intersection with a line midway between Waters avenue and Lang avenue; thence southwardly along the said line midway between Waters avenue and Lang avenue, and along the prolongation of the said line, to the intersection with the prolongation of a line midway between Roebling avenue and Zulette avenue; thence eastwardly along the said line midway between Roebling avenue and Zulette avenue, and along the prolongation of the said line, to the intersection with the prolongation of a line midway between Ericson place and Mayflower avenue as these streets are laid out between Wellman avenue and Maitland avenue; thence southwardly along the prolongation of the said line midway between Ericson place and Mayflower avenue to the intersection with a line midway between Zulette avenue and Wellman avenue; thence eastwardly along the said line midway between Zulette avenue and Wellman avenue to the intersection with the prolongation of a line midway between Mayflower avenue and Edison avenue as these streets are laid out between Dudley avenue and Harrington avenue; thence southwardly along the said line midway between Mayflower avenue and Edison avenue, and along the prolongations of the said line, to a point distant 100 feet northerly from the northerly line of LaSalle avenue, the said distance being measured at right angles to LaSalle avenue; thence eastwardly and parallel with LaSalle avenue to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Bradford avenue, the said distance being measured at right angles to Bradford avenue; thence southwardly along the said line parallel with Bradford avenue, and along the prolongation of the said line, to a point distant 100 feet northerly from the northerly line of Waterbury avenue, the said distance being measured at right angles to Waterbury avenue; thence eastwardly and parallel with Waterbury avenue to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Edison avenue, the said distance being measured at right angles to Edison avenue; thence southwardly along the said line parallel with Edison avenue to the intersection with a line midway between Waterbury avenue and Paine street; thence eastwardly along the said line midway between Waterbury avenue and Paine street, and along the prolongation of the said line, to a point distant 100 feet easterly from the easterly line of Crosby avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Crosby avenue, and its prolongation as laid out at Eastern boulevard to the intersection with a line midway between Otis avenue and Barkley avenue; thence eastwardly along the said line midway between Otis avenue and Barkley avenue to a point midway between Hollywood avenue and Throggs Neck boulevard; thence southwardly along a line always midway between Hollywood avenue and Throggs Neck boulevard, and along the prolongations of the said line, to the intersection with the northerly bulkhead line of the East River; thence westwardly along the said bulkhead line to the intersection with the prolongation of a line distant 850 feet westerly from and parallel with the westerly line of Fort Schuyler road as this street is laid out between Schurz avenue and Lawton avenue, the said distance being measured at right angles to Fort Schuyler road; thence northwardly, along the said line parallel with Fort Schuyler road, and along the prolongations of the said line, to the intersection with the prolongation of a line distant 850 feet westerly from and parallel with the westerly line of Fort Schuyler road as this street is laid out between Eastern boulevard and Otis avenue, the said distance being measured at right angles to Fort Schuyler road; thence northwardly along the said line parallel with Fort Schuyler road, and along the prolongations of the said line, to the intersection with the prolongation of a line midway between Swinton street and Quincy street as these streets are laid out where they adjoin Eastern boulevard; thence northwestwardly along the said line midway between Swinton street and Quincy street, and along the prolongations of the said line, to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Whittemore avenue as this street is laid out in the first tangent east of Balcom avenue, the said distance being measured at right angles to Whittemore avenue; thence westwardly along the said line parallel with Whittemore avenue, and along the prolongation of the said line, to a point distant 100 feet westerly from the westerly line of Balcom avenue, the said distance being measured at right angles to Balcom avenue; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Balcom avenue to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Waterbury avenue where it adjoins Vreeland avenue, the said distance being measured at right angles to Waterbury avenue; thence westwardly along the said line parallel with Waterbury avenue to the intersection with the easterly bulkhead line of Westchester Creek as indicated on the Final Maps of the Borough; thence northwardly along the said bulkhead line to the point or place of beginning.

Resolved, That this Board consider the proposed area of assessment at a meeting of the Board to be held in the City of New York, Borough of Manhattan, in the City Hall, on the 14th day of November, 1912, at 10.30 a. m., and that at the same time and place a public hearing thereon will then and there be had.

Resolved, That the Secretary of this Board cause these resolutions and a notice to all persons affected thereby to be published in the CITY RECORD for ten days prior to the 14th day of November, 1912.

Dated October 31, 1912.

JOSEPH HAAG, Secretary, 277 Broadway. Telephone, 2280 Worth. o31,n12

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m. on

FRIDAY, NOVEMBER 8, 1912,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR INSTALLING CLOTHES DRYERS IN THE LAUNDRY BUILDING AT THE NEW YORK CITY HOME FOR THE AGED AND INFIRM, BLACKWELL'S ISLAND, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is thirty (30) consecutive working days. The surety required will be Twelve Hundred Dollars ($1,200).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of the Supervising Engineer of the Department, foot of E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.

Dated October 28, 1912. o28,n8.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PUBLIC CHARITIES, FOOT OF E. 26TH ST., NEW YORK.

TO CONTRACTORS.

PROPOSALS FOR BIDS OR ESTIMATES.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities at the above office until 2.30 o'clock p. m. on

FRIDAY, NOVEMBER 8, 1912,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR NEW SHINGLED ROOFS ON COTTAGES A, B AND C, AT THE NEW YORK CITY FARM COLONY, BOROUGH OF RICHMOND, THE CITY OF NEW YORK.

The time allowed for the completion of the work and full performance of the contract is thirty (30) consecutive working days.

The surety required will be Fourteen Hundred Dollars ($1,400).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Blank forms and further information may be obtained at the office of the Architect of the Department, foot of E. 26th st., The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.

Dated October 28, 1912. o28,n8.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF STREET CLEANING.

MAIN OFFICE OF THE DEPARTMENT OF STREET CLEANING, ROOM 1403, Nos. 13-21 PARK ROW, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Street Cleaning at the above office until 12 o'clock m. on

MONDAY, NOVEMBER 4, 1912,

Boroughs of Manhattan and The Bronx,

TITLE: CONTRACT FOR THE PRIVILEGE OF PICKING OVER AND APPROPRIATING FROM AMONG THE ASHES, STREET SWEEPINGS AND RUBBISH IN CONSIDERATION OF THE WORK OF LOADING AND TRIMMING DECK SCOWS, DUMPERS AND OTHER VESSELS AND FEEDING AND CHARGING THE INCINERATORS AND LEVELING AND GRADING AT INLAND DUMPS AND THE PAYMENT OF A SUM OR SUMS OF MONEY.

For the Boroughs of Manhattan and The Bronx, for a period beginning the first Monday after the signing and delivery of the contract and ending January 1, 1914, at 12 o'clock midnight.

The amount of security required is Twenty-five Thousand Dollars ($25,000).

In addition to this a special deposit of Fifteen Thousand Dollars ($15,000) will be required to be made to the Comptroller of The City of New York on or before the signing, sealing and delivery of the contract to remain on deposit with the said Comptroller until the completion of the contract.

Each bid or estimate must be accompanied by a certified check on one of the state or national banks in The City of New York, drawn to the order of the Comptroller of The City of New York, or of money, or of corporate stock or certificates of indebtedness, of any nature, issued by The City of New York, which the Comptroller shall approve as of equal value with the security required, for five per centum of amount of the security bond and this deposit shall be handed in at the time of presenting the bid and separately from the bid.

The price or the compensation which the contractor is to pay to The City of New York through the Commissioner of Street Cleaning for the said privilege in addition to the work to be performed by him of loading and trimming deck scows, dumpers and other vessels, will be a sum of money to be paid weekly in advance on or before noon of Monday of each week during the continuance of the contract, and this sum per week must be written full by the bidder in his bid and must also be given in figures.

Blank forms and further information may be obtained at the office of the Department of Street Cleaning, the Borough of Manhattan, Nos. 13 to 21 Park row.

WM. H. EDWARDS, Commissioner of Street Cleaning.

Dated October 22, 1912. o23,n4

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF FINANCE.

Notice to Property Owners.

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:

TWELFTH WARD, SECTION 7.

WEST ONE HUNDRED AND NINTH STREET—RESTORING ASPHALT PAVEMENT, in front of premises No. 227 and 229. Area of assessment, north side of 109th st., between Amsterdam ave. and Broadway, known as Lot 17, in Block 1881.

The above assessments were certified to the Collector of Assessments and Arrears, under the provisions of section 391 of the Greater New York Charter.

—that the same was entered on October 26, 1912, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, 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 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 26, 1912, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 26, 1912.

n1,13.

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-FOURTH WARD, ANNEXED TERRITORY.

PARKER STREET—OPENING, from Protectory ave. to Wellington ave. Confirmed September 25, 1912; entered October 29, 1912. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the northerly line of Wellington ave. where it is intersected by the prolongation of a line midway between Zerega ave. and Parker st., as these streets are laid out northwesterly from Westchester ave., and running thence southwardly at right angles to Wellington ave. a distance of 160 feet; thence westwardly and parallel with Wellington ave. to the intersection with a line at right angles to Wellington ave., and passing through a point on its northerly side where it is intersected by the prolongation of a line midway between Parker st. and Glover st.; thence northwardly along the said line at right angles to Wellington ave. to its northerly side; thence northwestwardly along the said line midway between Parker st. and Glover st., and along the prolongations of the said line to the intersection with the prolongation of a line midway between St. Raymond ave. and Parker st. as these streets are laid out between Purdy st. and Castle Hill ave.; thence westwardly along the said line midway between St. Raymond ave. and Parker st., and along the prolongation of the said line to a point distant 100 feet westerly from the westerly line of Purdy st.; thence northwardly and parallel, respectively with Purdy st. and Protectory ave. to the intersection with the prolongation of a line distant 250 feet northerly from and parallel with the northerly line of Parker st., as laid out between Protectory ave. and Castle Hill ave., the said distance being measured at right angles to the line of Parker st.; thence eastwardly along the said line parallel with Parker st., and along the prolongation of the said line to the intersection with the prolongation of a line midway between Zerega ave. and Parker st., as these streets are laid out northwesterly from Westchester ave.; thence southeastwardly along the said line midway between Zerega ave. and Parker st. and along the prolongations of the said line to the point or place of beginning.

The above-entitled assessment was entered on the date hereinbefore given in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents. Unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided in section 1006 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Bergen Building, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 28, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 29, 1912.

o31,n12

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:

TWENTY-SECOND WARD, SECTION 4.

WEST FORTY-EIGHTH STREET—RESTORING ASPHALT PAVEMENT in front of premises Nos. 312 to 316. Area of Assessment: Affects property on south side of Forty-eighth st., 150 feet west of Eighth ave., known as Lot 39, in Block 1038.

TWENTY-SECOND WARD, SECTION 5.

WEST EIGHTY-FIRST STREET—RESTORING ASPHALT PAVEMENT in front of premises No. 203. Area of assessment: North side of Eighty-first st., 100 feet west of Amsterdam ave., known as Lot 25, in Block 1229.

TWELFTH WARD, SECTION 8.

WEST TWO HUNDRED AND TWENTY-EIGHTH STREET—RESTORING ASPHALT PAVEMENT in front of premises No. 162. Area of assessment: Affects Lot No. 320 in Block 3402.

The above assessments were certified to the Collector of Assessments and Arrears, under the provisions of section 391 of the Greater New York Charter.

—that the same was entered on October 24, 1912, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, 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 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 23, 1912, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 24, 1912.

o29,n9.

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 BROOKLYN:

EIGHTH WARD, SECTION 3.

FORTY EIGHTH STREET—SEWER, between 7th and 8th aves. Area of assessment: Both sides of 48th st., from 7th to 8th aves.

TWENTY-FOURTH WARD, SECTION 5.

CROWN STREET—REGULATING, GRADING, CURBING AND FLAGGING, from Franklin to Bedford aves. Area of assessment: Both sides of Crown st., from Franklin to Bedford aves., and to the extent of half the block at the intersecting streets.

—the above-entitled assessment was confirmed by the Board of Assessors on October 22, 1912, and entered October 22, 1912, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment for 48th st. sewer exceeding five per cent. of the assessed valuation for the year 1911 of the property affected thereby, has been divided into ten annual instalments according to the provisions of section 1019 of the Greater New York Charter. The instalments now due, with interest at the rate of five per centum per annum to the date of payment, may be paid at any time.

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Mechanics Bank Building, Court and Montague sts., Borough of Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 21, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 22, 1912.

o26,n7

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 9.

BROWN PLACE—REGULATING, GRADING, RESETTING CURBSTONES, PAVING THE ROADWAY, from E. 132d st. to E. 133d st. Area of assessment: Both sides of Brown place, from E. 132d st. to E. 133d st., and to the extent of half the block at the intersecting and terminating streets.

WALTON AVENUE—RECEIVING BASINS, on the east and west sides, at the north line of the New York Central and Hudson River Railroad right of way. Area of assessment affects Lot 67 in Block 2353, and Lot 69 in Block 2348.

PLIMPTON AVENUE AND WEST ONE HUNDRED AND SEVENTIETH STREET—RECEIVING BASIN at the southwest corner. Area of assessment affects Block 2522.

TWENTY-THIRD WARD, SECTION 10.

FOX STREET—PAVING THE ROADWAY AND SETTING CURB, from Avenue St. John to Leggett ave. Area of assessment: Both sides of Fox st., from Avenue St. John to Leggett ave., and to the extent of half the block at the intersecting streets.

EAST ONE HUNDRED AND FIFTY-EIGHTH STREET—PAVING THE ROADWAY AND SETTING CURB, from Cauldwell ave. to Eagle ave. Area of assessment: Both sides of E. 158th st., from Cauldwell ave. to Eagle ave., and to the extent of half the block at the intersecting streets and avenues.

TWENTY-FOURTH WARD, SECTION 11.

RECEIVING BASIN, on the east side of PARK AVENUE, opposite E. 174th st. Area of assessment affects Lot 60 in Block 2898, and Lot 70 in Block 2899.

EAST ONE HUNDRED AND EIGHTY-THIRD STREET AND HUGHES AVENUE—RECEIVING BASIN, at the northeast corner. Area of assessment affects Lots 30, 35 and 37 in Block 3087.

FURNISHING AND LAYING 160 LINEAR FEET OF FLAGGING AND 175 LINEAR FEET OF GUARD RAIL on the north side of ONE HUNDRED AND EIGHTY-FOURTH STREET, between Park and Webster avenues. Area of assessment: North side of 184th st., from Park to Webster aves.

TWENTY-FOURTH WARD, SECTION 13.

RECEIVING BASIN at the northwest corner of BROADWAY AND WEST TWO HUNDRED AND FORTY-SIXTH STREET. Area of assessment affects Lot 1085 in Block 3415.

—that the same were confirmed by the Board of Assessors October 22, 1912, and entered October 22, 1912, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date which such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Bergen Building, fourth floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 21, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 22, 1912.

o26,n7

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF RICHMOND:

FIRST WARD.

RICHMOND TERRACE—CONSTRUCTING A FENCE, on north side, between York and Bement avenues. Area of assessment affects Lots 6, 7a and 18, in Block 3, and Lot 65 in Block 9, District 2, Plots 1 and 3.

The above assessment was confirmed by the Board of Assessors on October 22, 1912, and entered October 22, 1912, in the Record of Titles of Assessments, kept in the Bureau of 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 theron, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessment is payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at Borough Hall, St. George, Borough of Richmond, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 21, 1912, 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.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 22, 1912.

o26,n7

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:

TWELFTH WARD, SECTION 8.

ONE HUNDRED AND SIXTY-SIXTH STREET AND ST. NICHOLAS AVENUE—RECEIVING BASIN, at the northwest corner. Area of assessment affects Lot 65, in Block 2124.

The above assessment was confirmed by the Board of Assessors on October 22, 1912 and entered on October 22, 1912, 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, in part, 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 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 21, 1912, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when the above assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 22, 1912.

o26,n7

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 QUEENS:

FIRST WARD.

WILSON AVENUE—SEWER, from 12th to 13th aves. Area of assessment; Both sides of Wilson ave., from 12th to 13th aves.

—the above-entitled assessment was confirmed by the Board of Assessors on October 22, 1912, and entered October 22, 1912, in the Record of Title of Assessments kept in the Bureau for the Collection of Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, 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 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, at the Municipal Building, Court House square Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 21, 1912, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when the above assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 22, 1912.

o26,n7

Corporation Sales.

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT of the Borough of Brooklyn, public notice is hereby given that the Commissioners of the Sinking Fund, by virtue of the powers vested in them by law, will offer for sale by sealed bids certain encroachments standing upon property owned by The City of New York acquired by it for street opening purposes in the

Borough of Brooklyn.

Being all the buildings, parts of buildings, etc., standing within the lines of Thatford ave., from Hegeman ave. to Vienna ave., in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund adopted at a meeting held October 9, 1912, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

FRIDAY, NOVEMBER 1, 1912,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel No. 1. One-story frame house on Thatford ave., about 100 feet north of Vienna ave. Also outhouse and part of sheds. Cut sheds 14 feet on north side by 17.6 feet on east side. Upset price, $25.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, No. 280 Broadway, Borough of Manhattan, until 11 a. m. on the 1st day of November, 1912, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will ge made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened November 1, 1912." and must be delivered, or mailed in time for their delivery, prior to 11 a. m. of that date to the "Collector of City Revenue, Room K, No. 280 Broadway, New York City." from whom any further particulars regarding the buildings to be disposed of may be obtained.

THE BUILDINGS WILL BE SOLD FOR IMMEDIATE REMOVAL ONLY, SUBJECT TO THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS ISSUE OF THE "CITY RECORD."

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, October 11, 1912. o16,n1

Sureties on Contracts.

UNTIL FURTHER NOTICE SURETY COMPANIES will be accepted as sufficient upon the following contracts to the amounts named:

Supplies of Any Description, Including Gas and Electricity.

One company on a bond up to $50.000.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Construction.

One company on a bond up to $25,000.

Including regulating, grading, paving, sewers, maintenance, dredging, construction of parks, parkways, docks, buildings, bridges, tunnels, aqueducts, repairs, heating, ventilating, plumbing, etc., etc.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated September 16, 1907.

Asphalt, Asphalt Block and Wood Block Pavements.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated September 16, 1907.

Dated January 3, 1910.

WILLIAM A. PRENDERGAST, Comptroller.

Interest on City Bonds and Stocks.

THE INTEREST DUE ON NOVEMBER 1, 1912, on registered bonds and stock of The City of New York, and of the former corporations now included therein, will be paid on that day by the Comptroller at his office (Room 85) in the Stewart Building, corner of Broadway and Chambers st., in the Borough of Manhattan.

The coupons that are payable in New York or in London for the interest due on November 1, 1912, on assessment bonds and corporate stock of The City of New York, will be paid on that day, at the option of the holders thereof, either at the office of the Guaranty Trust Company, 28 and 30 Nassau st., New York City, in United States money, or at the office of Messrs. Seligman Brothers, 18 Austin Friars, London, E. C., England, in sterling, at the rate of $4.8780 to the pound.

The coupons that are payable only in New York for interest due on November 1, 1912, on bonds and stock of the present and former City of New York, and of former corporations now included in The City of New York, except the former County of Queens, will be paid on that day at the office of the said Guaranty Trust Company.

The coupons that are payable on November 1, 1912, for interest on bonds issued by the former County of Queens, will be paid on that day at the Queens County Bank, Branch of the Corn Exchange Bank, Borden ave. and Front st., Long Island City.

The books for the transfer of bonds and stock on which interest is payable November 1, 1912, will be closed from October 10 to November 1, 1912.

WM. A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, September 20, 1912.

s21,n1

Notices of Sale.

NOTICE OF CONTINUATION OF QUEENS TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Queens, 2d Ward, as to liens remaining unsold at the termination of the sale of October 29, 1912, has been continued to

TUESDAY, NOVEMBER 19, 1912,

at 10 o'clock a. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Arrears Office, third floor, Municipal Building, Court House square, Long Island City, in the Borough of Queens, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated October 29, 1912. o30,n19

NOTICE OF CONTINUATION OF QUEENS TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Queens, Fifth Ward, as to liens remaining unsold at the termination of sales of November 21, December 12, 1911; January 16, February 20, March 19, April 23, May 21, June 25, July 23, August 23 and September 27, 1912, has been continued to

FRIDAY, NOVEMBER 22, 1912,

at 2 o'clock p. m., pursuant to section 1028 of the Greater New York Charter, and will be continued at that time in the Arrears Office, third floor, Municipal Building, Court House square, Long Island City, in the Borough of Queens, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated September 27, 1912. s28,n22

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NOTICE OF SALE OF TAX LIENS OF THE CITY OF NEW YORK, FOR UNPAID TAXES, WATER RENTS AND ASSESSMENTS FOR LOCAL IMPROVEMENTS UPON LANDS AND TENEMENTS WITHIN THAT PART OF THE CITY OF NEW YORK NOW KNOWN AND DESCRIBED AS THE BOROUGH OF THE BRONX.

THE CITY OF NEW YORK,

Department of Finance, Bureau for the Collection of Assessments and Arrears of Taxes and Assessments.

Stewart Building, No. 280 Broadway, Borough of Manhattan, City of New York.

Under the direction of Hon. William A. Prendergast, Comptroller of The City of New York, I, Daniel Moynahan, Collector of Assessments and Arrears, hereby give public notice, pursuant to the provisions of chapter 17, title 5 of the Greater New York Charter:

That the respective owners of the lands and tenements within that part of The City of New York now known as the Borough of The Bronx, on which taxes have been assessed and become a lien, so as to be due and payable for the years prior to and including 1908, including taxes on the real estate of corporations and taxes on special franchises of corporations for the said years, and which now remain due and unpaid;

And that the respective owners of all lands and tenements in The City of New York, in the Borough aforesaid, on which assessments for local improvements have been assessed according to law, and confirmed and entered, and which became a lien so as to be due and payable prior to and including March 22, 1909, and which now remain due and unpaid, are required to pay the amount of said taxes and assessments so remaining due and unpaid, *together with all unpaid taxes and assessments on the property affected which became a lien so as to be due and payable prior to April 2*, 1912 (the taxes required to be paid thus comprising all unpaid taxes affecting said properties, contained in assessment rolls down to and including the assessment roll of The City of New York for the year 1911; and the assessments for local improvements required to be paid thus comprising all unpaid assessments for local improvements affecting said properties, confirmed and entered up to March 22, 1912, inclusive), with the interest thereon at the rate of seven per centum per annum, from the time the same became due to the date of payment, together with the charges of this notice and advertisement, to the Collector of Assessments and Arrears, at his office, in the Municipal Building, 177th street and 3d avenue, or in case of removal during this advertisement, in the Bergen Building, corner of Arthur and Tremont avenues, Borough of The Bronx, City of New York.

And that if default shall be made in such payment, the tax lien of The City of New York for all said unpaid taxes and assessments for local improvements affecting said lands and tenements will be sold at public auction in the office of the Bureau for the Collection of Assessments and Arrears, fourth floor, Bergen Building, corner of Arthur and Tremont avenues, Borough of The Bronx, in The City of New York, on

MONDAY, DECEMBER 16, 1912,

at two o'clock in the afternoon of that day, for the lowest rate of interest, not exceeding twelve per centum per annum, at which any person or persons shall offer to take the same in consideration of advancing the said tax and assessment and penalties, as the case may be, and interest thereon as aforesaid to the time of sale, the charges of notice and advertisement, and all other costs and charges accrued thereon; and that such sale will be continued from time to time until all said liens for taxes and assessments for local improvements so advertised for sale affecting said lands and tenements shall be sold.

The tranfer of tax lien to be executed and delivered to the purchaser thereof pursuant to the terms of the said sale shall be subject to the lien for and right of The City of New York to collect and receive all taxes, water rents and assessments for local improvements and penalties and interest thereon which accrued and became a lien, or which shall accrue and become a lien upon said premises on and after the day of the date of this first advertisement of said sale as stated herein, namely, the second day of April, 1912 (i. e., the lien for and right of The City of New York to collect and receive all taxes and water rents included in the assessment rolls of The City of New York for the years subsequent to 1911, and assessments for local improvement entered subsequent to March 22, 1912).

Notice is hereby further given that a particular and detailed statement of the property affected and the tax liens thereon which are to be sold, is published in a pamphlet, and that copies thereof are deposited in the offices of the Collector of Assessments and Arrears, in the Boroughs of The Bronx and Manhattan, and will be delivered to any person applying for the same.

DANIEL MOYNAHAN, Collector of Assessments and Arrears of The City of New York.

Dated, New York, April 2, 1912. s13.20,27,O4,11,18,25,n1,8,15,22,29,D6,13,14,16.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

WEDNESDAY, NOVEMBER 13, 1912,
Boroughs of Manhattan and The Bronx,

FOR FURNISHING, DELIVERING, STORING AND TRIMMING COAL.

The time allowed for the delivery of the supplies herein scheduled and for the performance of the contract is before January 1, 1913.

The amount of the security shall be twenty-five per cent. (25%) of the amount of bid or estimate.

The bidder will state price of work contained in the specifications or schedule by which the bids will be tested. The bids will be compared and the award made to the lowest formal bidder in a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.

Dated October 31, 1912. n1,13

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

WEDNESDAY, NOVEMBER 13, 1912,
Borough of Brooklyn.

FOR FURNISHING AND DELIVERING VENTURI TUBES, WITH INDICATING, RECORDING AND REGISTERING APPARATUS, ETC., AT THE RIDGEWOOD PUMPING STATION, BOROUGH OF BROOKLYN.

The time allowed for the delivery of the supplies herein scheduled and for the performance of the contract is ninety (90) calendar days.

The amount of the security will be Four Hundred Dollars ($400).

The bidder will state the price of work contained in the specifications or schedule by which the bids will be tested. The bids will be compared and the award made to the lowest formal bidder in a lump or aggregate sum.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.

Dated October 29, 1912. o31,n13

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

WEDNESDAY, NOVEMBER 6, 1912,
Borough of Brooklyn.

FOR FURNISHING AND DELIVERING MISCELLANEOUS SUPPLIES, AS FOLLOWS: BUILDERS HARDWARE (GALVANIZED RIBBON WIRE, TWISTED); FORAGE; LEATHER AND SADDLERY; MATERIALS OF CONSTRUCTION (LUMBER); MISCELLANEOUS (FIRE EXTINGUISHERS); RUBBER GOODS (BOOTS).

The security required is twenty-five per cent. (25%) of the amount of the bid or estimate.

The time allowed for the delivery of the supplies and the performance of the contract is fifteen (15) calendar days.

The bidder will state the price, per unit, of each item of work or supplies contained in the specifications or schedule by which the bids will be tested. The bids will be compared and award made to the lowest formal bidder on each item.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.

Dated October 23, 1912. o24,n6

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, ROOM 1903, 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Water Supply, Gas and Electricity at the above office until 2 o'clock p. m. on

MONDAY, NOVEMBER 4, 1912,
All Boroughs.

LABORATORY SUPPLIES.

The time allowed for doing and completing the entire work will be sixty (60) calendar days.

The security required will be twenty-five per cent. (25%) of the amount of the bid or estimate.

The bids will be compared and award made to the lowest bidder on each item.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Department, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department, Room 1903, 13 to 21 Park row, Borough of Manhattan, where any further information desired may be obtained.

HENRY S. THOMPSON, Commissioner.

Dated October 22, 1912. o23,n4

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, October 31, 1912.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

THURSDAY, OCTOBER 31, 1912, TO 4 P. M. FRIDAY, NOVEMBER 15, 1912,

for the position of

REGISTRAR OF RECORDS, GRADE 5.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., November 15, 1912, will be accepted.

The examination will be held FRIDAY, DECEMBER 6, 1912, at 10 o'clock a. m.

The subjects and weights of the examination are as follows: Technical, 5; experience, 3; mathematics, 2; 75 per cent. is required on the technical paper and 70 per cent. on all.

Candidates should be thoroughly familiar with statistical methods and should have a reading knowledge of French or German. Logarithmic tables will be supplied to candidates.

Minimum age, 21 years; one vacancy in the Tenement House Department; salary, $3,000 per annum.

Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same.

F. A. SPENCER, Secretary.

o31,n15

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, October 29, 1912.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

TUESDAY, OCTOBER 29, 1912, TO 4 P. M. WEDNESDAY, NOVEMBER 13, 1912,

for the position of

DUMP INSPECTOR, GRADE 2.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., Wednesday, November 13, 1912, will be accepted.

Physical examination will precede the mental. The dates of the examination to be announced later.

The subjects and weights of the examination are as follows: Duties, including report, 6; arithmetic, 1; experience, 3; 70% is required on the duties paper and 70% on all.

Minimum age, 21 years; 1 vacancy in the office of the President, Borough of Queens; salary, $1,200 per annum.

Application blanks will be mailed upon request but the Commission will not guarantee the delivery of the same.

F. A. SPENCER, Secretary.

o29,n13.

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, October 23, 1912.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

WEDNESDAY, OCTOBER 23, 1912, TO 4 P. M. THURSDAY, NOVEMBER 7, 1912,

for the position of

TYPEWRITING COPYIST (MALE AND FEMALE), GRADE 2.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., November 7, 1912, will be accepted.

The dates of the examination will be announced later.

The subjects and weights of the examination are as follows: Speed test, 6 (copying on machine, both correctness and rapidity to be considered); tabulation, 3 (neatness and excellence of work to be considered but not time of execution); arithmetic, 1; 70 per cent. is required on the speed test and 70 per cent. on all.

Minimum age, 18 years; vacancies constantly occurring; salaries, $600 to $1,200 per annum.

Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same.

F. A. SPENCER, Secretary.

o23,n7

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, October 18, 1912.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

FRIDAY, OCTOBER 18, 1912, TO 4 P. M. FRIDAY, NOVEMBER 1, 1912,

for the position of

STATIONARY ENGINEER.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., Friday, November 1, 1912, will be accepted.

The date of the examination will be announced later.

The subjects and weights of the examination are as follows: Technical, 6; experience, 3; mathematics, 1; 70 per cent. is required on the technical paper and 70 per cent. on all.

Minimum age, 21 years; vacancies are constantly occurring; salary, $4.50 per day.

Application blanks will be mailed upon request, but the Commission will not guarantee the delivery of the same.

F. A. SPENCER, Secretary.

o18,n1

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS, MAIN OFFICE, BOROUGH OF MANHATTAN, HALL OF RECORDS, September 27, 1912.

NOTICE IS HEREBY GIVEN, AS REquired by section 892 of the Greater New York Charter, that the books called "The Annual Record of the Assessed Valuation of Real and Personal Estate of the Boroughs of Manhattan, Bronx, Brooklyn, Queens and Richmond," comprising The City of New York, will be open for public inspection, examination and correction as follows:

The Annual Record of the Assessed Valuation of Real Property will be open from the 1st day of October, not a Sunday or legal holiday, until the 16th day of November, 1912; and the Annual Record of Assessed Valuation of Personal Estate will be open from the 1st day in October, not a Sunday or legal holiday, until the 1st day of December, 1912.

During the time that the books are open for public inspection application may be made by any person or corporation claiming to be aggrieved by the assessed valuation of real or personal estate to have the same corrected.

In the Borough of Manhattan, at the main office of the Department of Taxes and Assessments, Hall of Records, 31 Chambers st.

In the Borough of The Bronx, at the office of the Department, Bergen Building, corner Tremont and Arthur aves.

In the Borough of Brooklyn, at the office of the Department, Municipal Building.

In the Borough of Queens, at the office of the Department, Court House square, Long Island City.

In the Borough of Richmond, at the office of the Department, Borough Hall, New Brighton, S. I.

Applications for the reduction of real estate assessments must be made in writing and should be upon blanks furnished by the Department.

Applications for the correction of the personal assessment of corporations must be filed at the main office in the Borough of Manhattan.

Applications in relation to the assessed valuation of personal estate must be made by the person assessed at the office of the Department in the Borough where such person resides, and in case of a non-resident carrying on business in The City of New York, at the office of the Department in the Borough where such place of business is located, between the hours of 10 a. m. and 2 p. m., except on Saturday when all applications must be made between 10 a. m. and 12 noon.

LAWSON PURDY, President; CHARLES J McCORMACK, JOHN J. HALLERAN, CHARLES T. WHITE, DANIEL S. McELROY, EDWARD KAUFMANN, JUDSON G. WALL, Commissioners of Taxes and Assessments. s28,n30

DEPARTMENT OF EDUCATION

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies, at the above office of the Department of Education, until 11 a. m. on

WEDNESDAY, NOVEMBER 6, 1912,

FOR FURNISHING AND DELIVERING TEXT-BOOKS, CHARTS, ETC., FOR THE DAY AND EVENING HIGH SCHOOLS AND DAY AND EVENING ELEMENTARY SCHOOLS OF THE CITY OF NEW YORK.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1913, and such further time as may be allowed by the contract. The amount of the security required is fifty per cent. (50%) 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, by which the bids will be tested. Award will be made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, the Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated October 24, 1912. o24,n6

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVE. AND 59TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Buildings at the above office of the Department of Education until 3 o'clock p. m. on

MONDAY, NOVEMBER 4, 1912,
Borough of The Bronx.

No. 2. FOR INSTALLING ELECTRIC EQUIPMENT IN THE ADDITIONS TO AND ALTERATIONS IN PUBLIC SCHOOL 39, ON THE NORTHERLY SIDE OF LONGWOOD AVE., BETWEEN KELLY AND BECK STS., BOROUGH OF THE BRONX.

The time allowed to complete the whole work will be eighty (80) working days, as provided in the contract.

The amount of security required is Four Thousand Dollars ($4,000).

Bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent at Estimating Room, 9th floor, Hall of the Board of Education, Park ave. and 59th st., Borough of Manhattan.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated October 23, 1912. o23,n4

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF EDUCATION, CORNER OF PARK AVENUE AND 59TH 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 3 o'clock p. m. on

MONDAY, NOVEMBER 4, 1912,
Borough of Brooklyn.

NO. 1—FOR INSTALLING HEATING APPARATUS IN LOCKER, DRESSING AND TOILET BUILDINGS, ON THE ATHLETIC FIELD, AVENUES K AND L, BETWEEN EAST 17TH STREET AND THE LONG ISLAND RAILROAD, FLATBUSH, BOROUGH OF BROOKLYN.

The time allowed to complete the whole work will be sixty (60) working days, as provided in the contract.

The amount of security is sixteen hundred dollars ($1,600).

Bids will be compared and the contract will be awarded in a lump sum to the lowest bidder.

Blank forms, plans and specifications may be obtained or seen at the office of the Superintendent, at Estimating Room, 9th floor, Hall of the Board of Education, Park avenue and 59th street, Borough of Manhattan, and also at branch otfice, 131 Livingston street, Borough of Brooklyn.

C. B. J. SNYDER, Superintendent of School Buildings.

Dated October 23, 1912. o23,n4.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD MEETINGS

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

P. J. SCULLY, City Clerk and Clerk to the Board of Aldermen.

Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Thursday, at 10.30 o'clock a. m.

During the month of October, 1912, the meetings of the Board will be held in Room 18 (Aldermanic Chamber), City Hall, instead of Room 16.

JOSEPH HAAG, Secretary.

Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesdays, at 11 a. m., at call of the Mayor.

JOHN KORB, JR., Secretary.

Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, every Friday, at 11 a. m., upon notice of the Chief Clerk.

JOHN KORB, JR., Chief Clerk.

Board of City Record.

The Board of City Record meets in the City Hall at call of the Mayor.

DAVID FERGUSON, Supervisor, Secretary.

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m. on

FRIDAY, NOVEMBER 8, 1912,

FOR FURNISHING ALL LABOR AND MATERIALS NECESSARY OR REQUIRED TO FURNISH AND INSTALL ELECTRIC PUMPS WITH AUTOMATIC CONTROLLERS AND ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, IN THE SEWER TANKS ON THE GROUNDS OF THE KINGSTON AVENUE HOSPITAL, BOROUGH OF BROOKLYN, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is Fifty (50) consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Blank forms and plans for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker streets, Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President; JOSEPH J. O'CONNELL, M.D., RHINELANDER WALDO, Board of Health.

Dated October 26, 1912. o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m. on

FRIDAY, NOVEMBER 8, 1912.

TO FURNISH AND INSTALL COMPLETE, WIRE SCREENS ON WINDOWS AND TRANSOMS, AND SCREEN DOORS AT THE VARIOUS INFANTS' MILK STATIONS, IN THE SEVERAL BOROUGHS OF THE CITY OF NEW YORK.

The time for the delivery of the supplies and the performance of the contract is thirty (30) consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for the contract complete.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker sts., Borough of Manhattan.

ERNST J. LEDERLE, Ph.D., President; JOSEPH J. O'CONNELL, M.D., RHINELANDER WALDO, Board of Health.

Dated October 26, 1912. o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF CENTRE AND WALKER STS., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health until 10.30 o'clock a. m. on

FRIDAY, NOVEMBER 8, 1912.

FOR FURNISHING ALL THE NECESSARY LABOR AND MATERIAL REQUIRED TO COVER THE ROOF OF THE LAUNDRY BUILDING WITH VITRIFIED TILE ON THE GROUNDS OF THE TUBERCULOSIS SANITORIUM AT OTISVILLE, ORANGE CO., NEW YORK, FOR THE DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is thirty (30) consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder for the entire contract.

Blank forms and plans for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of Centre and Walker streets, Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President; JOSEPH J. O'CONNELL, M.D., RHINELANDER WALDO, Board of Health.

Dated October 26, 1912. o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF QUEENS.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, 3D FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 o'clock a. m. on

FRIDAY, NOVEMBER 8, 1912,

No. 1. FOR REGULATING, GRADING, CURBING AND REPAVING WITH IMPROVED GRANITE BLOCKS ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN GRAND ST., FROM FLUSHING AVE. TO THE MAIN LINE OF THE LONG ISLAND RAILROAD, 2D WARD.

The time allowed for doing and completing the above work will be one hundred (100) working days.

The amount of security required will be Fifty Thousand ($50,000) Dollars.

The Engineer's estimate of the quantities is as follows:

200 cubic yards of earth excavation.

7,000 linear feet of new bluestone curb, set in concrete.

6,600 linear feet of old curb, redressed and reset, in concrete.

200 square feet of old flagstone sidewalk, retrimmed and relaid.

100 square feet of cement sidewalk, and one (1) year's maintenance.

100 square yards of stone gutters laid or relaid.

200 linear feet of 12-inch vitrified pipe, furnished and laid.

60 linear feet of 12-inch cast iron pipe, five-eighths of an inch thick, furnished and laid.

1,000 feet B. M. spruce timber in place.

1 new standard catch basin.

1 catch basin rebuilt.

25,000 square yards of improved granite block pavement (laid outside of the railroad franchise area), including sand bed and bituminous grouted joints, and one (1) year's maintenance.

5,600 cubic yards of concrete (laid outside of the railroad franchise area).

14,000 square yards of improved granite block pavement (laid within the railroad franchise area), including sand bed and bituminous grouted joints, and no maintenance.

3,300 cubic yards of concrete (laid within the railroad franchise area).

6,000 square yards of old stone block pavement, to be purchased and removed by the contractor.

No. 2. FOR REGULATING, WIDENING THE ROADWAY AND REPAVING WITH IMPROVED GRANITE BLOCKS AND WITH OLD GRANITE BLOCKS SPLIT AND REDRESSED ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN MYRTLE AVE., FROM BROOKLYN BOROUGH LINE TO COOPER ST., 2D WARD.

The time allowed for doing and completing the above work will be one hundred and twenty-five (125) working days.

The amount of security required will be Sixty Thousand ($60,000) Dollars.

The Engineer's estimate of the quantities is as follows:

1,600 cubic yards of excavation.

12,500 linear feet of new bluestone curb set in concrete.

5,000 linear feet of old curb redressed and reset in concrete.

1,000 square feet of new flagstone sidewalks.

1,000 square feet of old flagstone sidewalks, redressed and relaid.

3,000 square feet of cement sidewalk and one (1) year's maintenance.

60 catch basins rebuilt.

360 linear feet of 12-inch culvert pipe furnished and laid.

240 linear feet of 12-inch culvert pipe relaid.

6,500 cubic yards of concrete.

10,000 square yards of old granite block pavement, taken up, split and redressed with new heads and relaid on a concrete foundation, outside of the railroad franchise area, including sand bed and cement grouted joints and one (1) year's maintenance.

18,500 square yards of improved granite block pavement (laid outside of the railroad franchise area), including sand bed and bituminous grouted joints, and one (1) year's maintenance.

4,200 cubic yards of concrete (within the railroad franchise area).

10,000 square yards of old granite block pavement taken up, split and redressed with new heads and relaid on a concrete foundation within the railroad franchise area, and no maintenance, including sand bed and cement grouted joints.

9,000 square yards of improved granite block pavement (laid within the railroad franchise area), including sand bed and bituminous grouted joints, and no maintenance.

For delivering 1,500 square yards of old stone blocks as directed within a radius of 1,000 feet of Rockaway plank road and the Manhattan Beach division of the L. I. R. R., 4th Ward.

For delivering 1,500 square yards of old stone blocks as directed at the Corporation Yard, Vanderbilt avenue, 4th Ward.

The bidder must state the price of each item or article contained in the specifications or schedule herein contained, or hereafter annexed, per square yard, linear foot, or other unit of measure, by which the bids will be tested. The extensions must be made and footed up as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained, and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated Long Island City, N. Y., October 25, 1912.

MAURICE E. CONNOLLY, President.

o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, 3D FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 a. m. on

FRIDAY, NOVEMBER 8, 1912,

1. FOR CONSTRUCTING SEWER AND APPURTENANCES IN MARION ST., FROM WEBSTER AVE. TO PAYNTAR AVE., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

1,482 linear feet 12-inch vitrified salt-glazed pipe sewer, in cradle.

50 linear feet of 12-inch vitrified salt-glazed culvert pipe.

10 manholes, complete.

2 receiving basins, complete.

100 cubic yards rock excavated and removed.

10 cubic yards concrete, in place, not shown on plan.

5,000 feet B. M. timber for foundation.

8,000 pounds steel for reinforcement in concrete cradle.

1,500 linear feet of piles.

The time allowed for completing the above work will be sixty (60) working days.

The amount of security required will be Two Thousand Dollars ($2,000).

2. FOR CONSTRUCTING SEWER AND APPURTENANCES IN EIGHTH AVE., FROM WASHINGTON AVE., TO PIERCE AVE., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

546 linear feet 12-inch vitrified salt-glazed pipe sewer.

25 linear feet 12-inch vitrified salt-glazed culvert pipe.

580 linear feet 6-inch vitrified salt-glazed pipe for house connections.

4 manholes, complete.

1 receiving basin, complete.

The time allowed for completing the above work will be sixty (60) working days.

The amount of security required will be Seven Hundred and Fifty Dollars ($750).

3. FOR CONSTRUCTING SEWER AND APPURTENANCES IN SUMMERFIELD ST., FROM WYCKOFF AVE. TO SENECA AVE., 2D WARD.

The Engineer's estimate of the quantities is as follows:

1,284 linear feet 12-inch vitrified salt-glazed pipe sewer.

1,250 linear feet 6-inch vitrified salt-glazed pipe for house connections.

9 manholes complete.

1,000 feet B. M. timber for bracing and sheet piling.

The time allowed for completing the above work will be sixty (60) working days.

The amount of security required will be Fifteen Hundred Dollars ($1,500).

4. FOR CONSTRUCTING SEWER AND APPURTENANCES IN SHERMAN ST., FROM WEBSTER AVE. TO THE CROWN, 330 FEET NORTH OF PAYNTAR AVE., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

1,082 linear feet 12-inch vitrified salt-glazed pipe sewer.

8 manholes, complete.

300 cubic yards rock, excavated and removed.

20 cubic yards concrete in place, for cradle.

1,000 pounds steel for reinforcing concrete cradle.

The time allowed for completing the above work will be ninety (90) working days.

The amount of security required will be Fifteen Hundred Dollars ($1,500).

5. FOR CONSTRUCTING SEWER AND APPURTENANCES IN SHERMAN ST., FROM WASHINGTON AVE. TO WEBSTER AVE., AND IN WASHINGTON AVE., FROM MARION ST. TO THE BOULEVARD AND FROM HAMILTON ST. TO HANCOCK ST., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

472 linear feet 12-inch vitrified salt-glazed pipe sewer.

525 linear feet 24-inch vitrified salt-glazed pipe sewer.

120 linear feet 12-inch vitrified salt-glazed culvert pipe.

680 linear feet 6-inch vitrified salt-glazed pipe for house connections.

9 manholes, complete.

4 receiving basins, complete.

500 cubic yards rock excavted and removed.

The time allowed for completing the above work will be one hundred (100) working days.

The amount of security required will be Three Thousand Dollars ($3,000).

6. FOR CONSTRUCTING SEWER AND APPURTENANCES IN 12TH AVE., FROM VANDEVENTER AVE. TO THE EXISTING SEWER ABOUT 475 FEET SOUTH OF WILSON AVE., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

543 linear feet 12-inch vitrified salt-glazed pipe sewer.

450 linear feet 6-inch vitrified salt-glazed pipe for house connections.

3 manholes, complete.

The time allowed for completing the above work will be thirty (30) working days.

The amount of security required will be Five Hundred Dollars ($500).

7. FOR CONSTRUCTING SEWER AND APPURTENANCES IN RALPH ST., FROM SENECA AVE. TO FAIRVIEW AVE., AND IN FAIRVIEW AVE., FROM RALPH ST. TO BLEEKER ST., 2D WARD.

The Engineer's estimate of the quantities is as follows:

905 linear feet 2 feet 6 inch concrete sewer.

215 linear feet 12-inch vitrified salt-glazed pipe sewer.

503 linear feet 24-inch vitrified salt-glazed pipe sewer.

70 linear feet 12-inch vitrified salt-glazed culvert pipe.

40 linear feet 10-inch vitrified salt-glazed culvert pipe.

1,200 linear feet 6-inch vitrified salt-glazed pipe for house connections.

12 manholes, complete.

1 receiving basin, complete.

2 double receiving basins, complete.

The time allowed for completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Three Thousand Dollars ($3,000).

8. FOR CONSTRUCTING SIX-INCH HOUSE CONNECTIONS WHERE NOT ALREADY LAID, FROM SEWER TO CURB LINE, IN CAMELIA ST., FROM THE BOULEVARD TO CRESCENT ST., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

1,500 linear feet 6-inch vitrified salt-glazed pipe for house connections.

The time allowed for completing the above work will be thirty (30) working days.

The amount of security required will be Four Hundred Dollars ($400).

9. FOR CONSTRUCTING SIX-INH HOUSE CONNECTION DRAINS (WHERE NOT ALREADY LAID) IN EAST AVE., FROM 9TH ST. TO NOTT AVE., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

700 linear feet 6-inch vitrified pipe for house connections.

1,000 feet B. M. timber for foundation.

The time allowed for completing the above work will be twenty (20) working days.

The amount of security required will be Two Hundred and Fifty Dollars ($250).

10. FOR CONSTRUCTING SEWER AND APPURTENANCES IN ELY AVE., FROM JAMAICA AVE. TO BROADWAY, 1ST WARD.

The Engineer's estimate of the quantities is as follows:

640 linear feet 12-inch vitrified salt-glazed pipe sewer.

320 linear feet 6-inch vitrified salt-glazed pipe for house connections.

6 manholes, complete.

The time allowed for completing the above work will be thirty (30) working days.

The amount of security required will be Six Hundred Dollars ($600).

11. FOR CONSTRUCTING SEWER AND APPURTENANCES IN HAMILTON ST., FROM HARRIS AVE. TO SOUTH JANE ST., 1ST WARD.

The Engineer's estimate of the quantities is as follows:

5 linear feet 12-inch vitrified salt-glazed pipe sewer.

5 linear feet 15-inch vitrified salt-glazed pipe sewer.

580 linear feet 24-inch vitrified salt-glazed pipe sewer.

70 linear feet 12-inch vitrified salt-glazed culvert pipe.

510 linear feet 6-inch vitrified salt-glazed pipe for house connections.

5 manholes, complete.

3 receiving basins, complete.

1,500 cubic yards of rock excavated and removed.

The time allowed for completing the above work will be one hundred and twenty (120) working days.

The amount of security required will be Three Thousand Dollars ($3,000).

The bidder must state the price of each item or article contained in the specifications or schedule herein contained, or hereafter annexed, per square yard, per linear foot, or other unit of measure by which the bids will be tested The extension must be made and footed up, as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated Long Island City, October 25, 1912.

MAURICE E. CONNOLLY, President.

o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, 3D FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 o'clock a. m. on

FRIDAY, NOVEMBER 8, 1912,

No. 1. FOR REGULATING, GRADING AND LAYING BLUESTONE SIDEWALKS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN JACKSON AVE., FROM STEINWAY AVE. TO WOODSIDE AVE., 1ST WARD.

The time allowed for doing and completing the above work will be sixty (60) working days.

The amount of security required will be Three Thousand ($3,000) Dollars.

The Engineer's estimate of the quantities is as follows:

33,500 square feet of new flagstone sidewalk, including all grading.

No. 2. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, ON THE NORTH SIDE OF POLK AVE., FROM ALBURTIS AVE. TO JUNCTION AVE., 2D WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be One Thousand ($1,000) Dollars.

The Engineer's estimate of the quantities is as follows:

100 cubic yards of earth excavation.

1,700 linear feet of new bluestone curb.

7,450 square feet of cement sidewalk, and one (1) year's maintenance.

No. 3. FOR REGULATING, GRADING, CURBING, RECURBING, FLAGGING, REFLAGGING AND LAYING CROSSWALKS IN GRAHAM AVE., FROM VERNON AVE. TO SHERMAN ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO, 1ST WARD.

The time allowed for doing and completing the above work will be one hundred (100) working days.

The amount of security required will be Two Thousand Three Hundred ($2,300) Dollars.

The Engineer's estimate of the quantities is as follows:

3,000 cubic yards of earth excavation.

200 cubic yards of rock excavation.

500 cubic yards of embankment (in excess of excavation).

1,850 linear feet of new bluestone curb.

100 linear feet of old curb reset, not to be bid for.

1 catch basin rebuilt, not to be bid for.

8,500 square feet of new flagstone sidewalk.

500 square feet of old flagstone sidewalks, retrimmed and relaid.

600 square feet of new crosswalks.

50 square feet of old crosswalks, redressed and relaid.

50 square yards of granite block pavement, relaid, not to be bid for.

No. 4. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN SHERMAN ST., FROM RIDGE ST. TO GRAND AVE., 1ST WARD.

The time allowed for doing and completing the above work will be seventy-five (75) working days.

The amount of security required will be Four Thousand ($4,000) Dollars.

The Engineer's estimate of the quantities is as follows:

3,000 cubic yards of earth excavation.

50 cubic yards of rock excavation.

3,500 cubic yards of embankment (in excess of excavation).

3,800 linear feet of new bluestone curb.

400 linear feet of old curb reset, not to be bid for.

20,000 square feet of new flagstone sidewalk.

400 square feet of old flagstone sidewalk, relaid, not to be bid for.

No. 5. FOR REGULATING, GRADING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN FOREST AVE., FROM CORNAGA AVE. TO BAYVIEW AVE.; IN BRANDRETH AVE., FROM THE BOULEVARD TO OCEAN; ON THE SOUTH SIDE OF STATE ST., FROM SENECA ST., TO CLEVELAND AVE.; ON THE WEST SIDE OF SENECA ST., FROM CENTRAL AVE. TO STATE ST.; ON THE SOUTH SIDE OF CENTRAL AVE., FROM SENECA ST. TO McNEILL AVE.; ON THE EAST SIDE OF SOUTH DIVISION AVE., FROM THE BOULEVARD TO OCEAN AVE.; ON THE WEST SIDE OF ROANOKE AVE., FROM CENTRAL AVE. TO STATE ST.; ON THE WEST SIDE OF NEILSON AVE., FROM STATE ST. TO BROADWAY; ON THE EAST SIDE OF NOSTRAND AVE., FROM CENTRAL AVE. TO STATE ST.; ON THE SOUTH SIDE OF MOTT AVE., FROM FRANKLIN AVE. TO KENSINGTON GARDENS; ON THE NORTH SIDE OF MOTT AVE., FROM UNION ST. TO KENSINGTON GARDENS; ON THE SOUTH SIDE OF GREENWOOD AVE., FROM BROADWAY TO LOCKWOOD AVE.; ON THE NORTH SIDE OF GREENWOOD AVE., FROM BROADWAY TO LOCKWOOD AVE.; ON THE EAST SIDE OF CLEVELAND AVE., FROM CENTRAL AVE. TO STATE ST.; ON THE WEST SIDE OF BROADWAY, FROM CLARK ST. TO NORTON AVE.; ON THE EAST SIDE OF BROADWAY, FROM CORNAGA AVE. TO A POINT OPPOSITE NORTON AVE.; ON THE SOUTH SIDE OF BROADWAY, FROM McNEILL AVE. TO NEW BROADWAY; ON THE NORTH SIDE OF BROADWAY, FROM McNEILL AVE. TO OAK ST.; ON THE SOUTH SIDE OF MOTT AVE., FROM KENSINGTON GARDENS TO BAY ST., ALL IN THE 5TH WARD.

The time allowed for doing and completing the above work will be sixty (60) working days.

The amount of security required will be Three Thousand Two Hundred ($3,200) Dollars.

The Engineer's estimate of the quantities is as follows:

517 cubic yards of embankment (in excess of excavation).

375 square feet of new flagstone sidewalk.

26,555 square feet of cement sidewalk, and one (1) year's maintenance.

No. 6. FOR REGULATING, GRADING THE SIDEWALK SPACES, CURBING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), AND ALL WORK INCIDENTAL THERETO, IN JACKSON AVE., FROM JUNCTION AVE. TO 54TH ST., 2D WARD.

The time allowed for doing and completing the above work will be seventy-five (75) working days.

The amount of security required will be Six Thousand ($6,000) Dollars.

The Engineer's estimate of the quantities is as follows:

4,500 cubic yards of earth excavation.

50 cubic yards of rock excavation.

1,700 cubic yards of embankment (in excess of excavation).

9,000 linear feet of new bluestone curb.

100 linear feet of old curb reset.

100 linear feet of 12-inch vitrified sewer pipe in place.

100 square feet of old flagstone sidewalk, retrimmed and relaid.

42,000 square feet of cement sidewalk, and one (1) year's maintenance.

320 cubic yards of gravel in crosswalks.

100 square yards of stone gutters, furnished and laid.

1,000 feet of B. M. spruce timber in place.

No. 7. FOR LAYING SIDEWALKS (WHERE NOT ALREADY LAID), TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN BROADWAY, FROM HOFFMAN BOULEVARD TO CORNISH ST. (CLERMONT AVE.), 2D WARD.

The time allowed for doing and completing the above work will be ten (10) working days.

The amount of security required will be Two Hundred and Fifty ($250) Dollars.

The Engineer's estimate of the quantities is as follows:

4,000 square feet of cement sidewalk, and one (1) year's maintenance.

No. 8. FOR REGULATING, GRADING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), TOGETHER WITH ALL WORK INCIDENTAL THERETO, ON THE NORTH SIDE OF MYRTLE AVE., FROM ONDERDONK AVE. TO FOREST AVE., 2D WARD.

The time allowed for doing and completing the above work will be ten (10) working days.

The amount of security required will be Thirty-five ($35) Dollars.

The Engineer's estimate of the quantities is as follows:

520 square feet of cement sidewalk, including all grading and one (1) year's maintenance.

No. 9. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS AND CROSSWALKS ON ONDERDONK AVE., FROM WILLOUGHBY AVE. TO ELM ST., 2D WARD.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be One Thousand ($1,000) Dollars.

The Engineer's estimate of the quantities is as follows:

2,550 cubic yards of earth excavation.

50 cubic yards of rock excavation.

1,150 linear feet of cement curb with steel nosing and one (1) year's maintenance.

5,200 square feet of cement sidewalk, and one (1) year's maintenance.

620 square feet of new crosswalks.

3 sewer manholes to be rebuilt.

The bidder must state the price of each item or article contained in the specifications or schedule herein contained, or hereafter annexed, per square yard, linear foot, or other unit of measure, by which the bids will be tested. The extensions must be made and footed up as the bids will be read from a total. Bids will be compared and the contract awarded at a lump or aggregate sum. Blank forms may be obtained, and the plans or drawings may be seen at the office of the President of the Borough of Queens.

Dated Long Island City, N. Y., October 25, 1912.

MAURICE E. CONNOLLY, President. o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK, CENTRAL DEPARTMENT, BOROUGH OF MANHATTAN.

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner of the Police Department of The City of New York, at the Bookkeeper's Office, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan, in The City of New York, until 10 o'clock a. m. on

THURSDAY, NOVEMBER 7, 1912,

FOR FURNISHING ALL THE LABOR AND MATERIALS NECESSARY OR REQUIRED IN MAKING AND COMPLETING REPAIRS TO THE HEATING SYSTEMS OF THE STATION HOUSES OF THE 26TH, 28TH AND 36TH PRECINCTS, IN THE BOROUGH OF MANHATTAN; 63D, 65TH AND 79TH PRECINCTS, IN THE BOROUGH OF THE BRONX; 144TH, 146TH, 148TH, 152D, 154TH, 155TH, 163D, 164TH, 168TH, 170TH, 171ST AND 174TH PRECINCTS AND BOROUGH HEADQUARTERS, 269 STATE ST., IN THE BOROUGH OF BROOKLYN.

The time allowed for making and completing the work will be thirty (30) calendar days after the execution of the contract, the endorsement thereon of his certificate by the Comptroller, and the receipt by the contractor of a written order from the Police Commissioner.

The security required will be fifty (50) per cent. of the amount of the bid or estimate.

The bids will be compared and award of contract, if made, made to the lowest bidder for each precinct and Borough Headquarters

The bidder will state the price for which he will do all the work, and provide, furnish and deliver all the labor and materials mentioned and described in said contract and specifications.

For particulars as to the nature and extent of the work required or of the materials to be furnished, bidders are referred to the specifications.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, can be obtained upon application therefor at the office of the Commissioner, and any further information can be obtained at the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

R. WALDO, Police Commissioner.

The City of New York, October 23, 1912.

o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT OF THE CITY OF NEW YORK, OFFICE OF THE PPOPERTY CLERK, OCTOBER 16, 1912.

PUBLIC NOTICE IS HEREBY GIVEN THAT the 142d public auction sale, unclaimed property, consisting of trunks, suit cases, clothing, boots, shoes, furs, hats, umbrellas, canes, pocketbooks, furniture, household goods, jewelry, silverware, clocks, cameras, baby carriages, books, auto tires, auto inner tubes, auto lamps, bicycles, pushcarts, baseball gloves, balls and bats, whips, knives, razors, locks, keys, tools, junk brass, copper, and iron, rags, paper and miscellaneous articles, will be held at the Property Clerk's office, No. 240 Centre st., Manhattan, on

THURSDAY, NOVEMBER 7, 1912,

at 10 a. m.

R. WALDO, Police Commissioner. o25,n7

POLICE DEPARTMENT OF THE CITY OF NEW YORK, CENTRAL DEPARTMENT, BOROUGH OF MANHATTAN.

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner of the Police Department of The City of New York, at the Bookkeeper's office, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan, in The City of New York, until 10 o'clock a. m. on

THURSDAY, NOVEMBER 7, 1912,

FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERECTING ALL THE MATERIALS NECESSARY IN THE INSTALLATION OF NEW PLUMBING WORK AND FIXTURES AT THE 28TH, 31ST AND 36TH PRECINCT STATION HOUSES, IN THE BOROUGH OF MANHATTAN, AND THE 155TH PRECINCT STATION HOUSE IN THE BOROUGH OF BROOKLYN, IN THE CITY OF NEW YORK.

The time allowed for making and completing the work will be ninety (90) calendar days after the execution of the contract, the endorsement thereon of his certificate by the Comptroller, and the receipt by the contractor of a written order to deliver from the Police Commissioner.

The security required will be fifty (50) per cent. of the amount of the bid or estimate.

The bids will be compared on each contract and award made to the lowest bidder for each precinct.

The bidder will state the price for which he will do all the work, and provide, furnish and deliver all the labor and materials mentioned and described in said contracts and specifications.

For particulars as to the nature and extent of the work required or of the materials to be furnished, bidders are referred to the specifications and to the plans on file in the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Commissioner, and any further information can be obtained at the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

R. WALDO, Police Commissioner.

The City of New York, October 23, 1912.

o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT OF THE CITY OF NEW YORK, CENTRAL DEPARTMENT, BOROUGH OF MANHATTAN.

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner of the Police Department of The City of New York, at the Bookkeeper's Office, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan, in The City of New York, until 10 o'clock a. m., on

FRIDAY, NOVEMBER 1, 1912,

FOR FURNISHING AND DELIVERING STEEL LOCKERS FOR SIXTY-FIFTH PRECINCT STATION HOUSE, NO. 1925 BATHGATE AVE., BOROUGH OF THE BRONX.

he time allowed for making and completing the work will be sixty (60) calendar days after the execution of the contract, the endorsement thereon of his certificate by the Comptroller, and the receipt by the contractor of a written order to deliver from the Police Commissioner.

The security required will be fifty (50) per cent. of the amount of the bid or estimate.

The bids will be compared and award of contract, if made, made to the lowest bidder for all the supplies specified and contained in the specifications and schedules.

For particulars as to the nature and extent of the work required or of the materials to be furnished, bidders are referred to the specifications.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, a copy of which, with the proper envelope in which to enclose the bid, together with a copy of the contract, including the specifications, can be obtained upon application therefor at the office of the Commissioner, and any further information can be obtained at the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Borough of Manhattan.

R. WALDO, Police Commissioner.

The City of New York, October 19, 1912.

o21,n1

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

POLICE DEPARTMENT, CITY OF NEW YORK.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, No. 240 Centre street, for the following property now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

POLICE DEPARTMENT OF CITY OF NEW YORK, BOROUGH OF BROOKLYN.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York—Office, No. 269 State street, Borough of Brooklyn—for the following property, now in custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount of money taken from prisoners and found by Patrolmen of this Department.

R. WALDO, Police Commissioner.

BOROUGH OF THE BRONX.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 10.30 a. m. on

THURSDAY, NOVEMBER 14, 1912,

No. 1. FOR REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES WHERE NECESSARY IN PARKER ST., FROM WESTCHESTER AVE. TO LYON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

300 cubic yards of excavation of all kinds.
1,200 cubic yards of filling.
950 linear feet of new curb.
3,900 square feet of cement flagging.
400 cubic yards of dry rubble masonry.
50 linear feet of vitrified pipe, 12 inches in diameter.
650 linear feet of guard rail.

The time allowed for the completion of the work will be sixty (60) working days.

The amount of security required will be One Thousand Two Hundred Dollars ($1,200).

No. 2. FOR PAVING WITH SHEET ASPHALT THE ROADWAY AND SIDEWALKS OF 172D ST. BRIDGE OVER THE NEW YORK, NEW HAVEN AND HARTFORD RAILROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

300 square yards of completed sheet asphalt pavement on roadway, including binder course, and keeping the pavement in repair for five years from date of acceptance.

250 square yards of completed sheet asphalt pavement on sidewalks, and keeping the pavement in repair for five years from date of acceptance.

The time allowed for the completion of the work will be ten (10) consecutive working days.

The amount of security required will be Two Hundred and Fifty Dollars ($250).

Blank forms can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office. CYRUS C. MILLER, President.

n1,14

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 10.30 a. m. on

FRIDAY, NOVEMBER 8, 1912,

No. 2. FOR ALL OF THE LABOR AND MATERIALS REQUIRED FOR ERECTION OF FIRE ESCAPES ON THE BOROUGH HALL.

The time allowed for the completion of the work and the performance of the contract will be forty-five (45) calendar consecutive working days.

The amount of security required will be Five Hundred Dollars ($500).

No. 3. FOR FURNISHING AND DELIVERING PIPE FITTINGS, ETC., FOR STREET SIGN POSTS.

The time allowed for the completion of the work will be thirty (30) days after the execution of the contract.

The amount of security required will be Five Hundred Dollars ($500).

No. 4. FOR FURNISHING AND DELIVERING STENCIL STREET SIGNS AND OPAL GLASSES FOR SAME.

The time allowed for the completion of the work will be thirty (30) days after the execution of the contract.

The amount of security required will be Two Hundred and Fifty Dollars ($250).

No. 5. FOR FURNISHING AND DELIVERING STEEL ENAMELED STREET SIGNS.

The time allowed for the completion of the work will be thirty (30) days after the execution of the contract.

The amount of security required will be Two Hundred and Seventy-five Dollars ($275).

Blank forms can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office. CYRUS C. MILLER, President.

o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF THE BRONX, MUNICIPAL BUILDING, CROTONA PARK, 177TH ST. AND 3D AVE.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx at the above office until 10.30 a. m. on

FRIDAY, NOVEMBER 8, 1912,

No. 1. FOR FURNISHING ALL THE LABOR, MATERIAL, APPARATUS AND APPLIANCES NECESSARY FOR THE COMPLETION OF THE BRONX BOROUGH COURT HOUSE, SITUATE AT THE PUBLIC SQUARE BOUNDED BY BROOK AVE., 3D AVE. AND 161ST ST., BOROUGH OF THE BRONX, CITY OF NEW YORK, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The time allowed for the completion of the work will be three hundred (300) consecutive working days.

The amount of security required will be One Hundred and Seventy-five Thousand Dollars ($175,000).

Blank forms can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office.

CYRUS C. MILLER, President.

o22,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF BROOKLYN.

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the PROSPECT HEIGHTS DISTRICT at a meeting to be held in the office of the President of the Borough of Brooklyn, in Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 3.40 p. m.

No. 1. Approval of minutes of meeting held July 25, 1912.

No. 2. LINCOLN PLACE. To amend resolution of June 20, 1912, initiating proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on Lincoln place, from Classon ave. to a point 580 feet easterly thereof by having the limits of the improvement "Classon ave. to the bridge over the Brighton Beach Railroad," so as to make the amended resolution read as follows:

"To lay a preliminary asphalt pavement on a 4-inch concrete foundation on Lincoln place, from Classon ave. to the bridge over the Brighton Beach Railroad."

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the BEDFORD DISTRICT at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 3.30 p. m.

No. 1. Approval of minutes of meeting held July 25, 1912; abstract published in the CITY RECORD September 11, 1912, page 7314.

No. 2. TAYLOR STREET. To amend resolution of June 20, 1912, initiating proceedings to lay a permanent asphalt pavement on the widened portion of Taylor st., from Lee ave. to Bedford ave., and on the triangular public place at the intersection of Division and Lee aves., so as to read as follows:

"To lay a permanent asphalt pavement on the widened portion of the roadway of Taylor st., from Lee ave. to Bedford ave., and on the roadway of the triangular public place at the intersection of Division and Lee aves."

No. 3. ROEBLING STREET. To amend resolution of June 20, 1912, initiating proceedings to lay a permanent granite block pavement on the widened portion of Roebling st., from Division ave. to Broadway, so as to read as follows:

"To lay a permanent granite block pavement on the widened portion of the roadway of Roebling st., from Division ave. to Broadway."

No. 4. PALMETTO STREET. Recommending to the Board of Estimate and Apportionment an alteration in the map or plan of The City of New York by extending Palmetto st. southwesterly from its present termination at Broadway to the northerly line of Monroe st.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the BUSHWICK DISTRICT at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 3.20 p. m.

No. 1. Approval of minutes of meeting held July 25, 1912.

No. 2. SCOTT AVENUE. To regulate, grade, set cement curb and lay cement sidewalks on Scott ave., from St. Nicholas ave. and Troutman st. to Flushing ave.

No. 3. IRVING AVENUE. To construct a sewer basin on Irving ave. at the easterly corner of Willoughby ave., at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basin. Estimated cost, $200; assessed valuation, $27,208.

No. 4. WILLOUGHBY AVENUE. To regulate, grade, set cement curb and lay cement sidewalks on Willoughby ave., from St. Nicholas ave. to the Borough line.

No. 5. SUYDAM STREET. To regulate, grade, set cement curb and lay cement sidewalks on Suydam st., from St. Nicholas ave. to the Borough line.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Boards of the WILLIAMSBURG AND BUSHWICK DISTRICTS at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 3.15 p. m.

No. 1. Approval of minutes of meeting held June 20, 1912; abstract published in the CITY RECORD on August 31, 1912, page 7167.

No. 2. ST. NICHOLAS AVENUE. To construct sewer basins on St. Nicholas ave. at the east corner of Flushing ave.; at the east corner of Jefferson st.; at the east corner of Starr st.; at the east corner of Willoughby ave., and at the east corner of Suydam st.; also on Ingraham st. at the southwest corner of Porter ave., at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basins. Total estimated cost, $1,400; total assessed valuation, $462,270.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the WILLIAMSBURG DISTRICT at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 3.00 p. m.

No. 1. Approval of minutes of meeting held July 25, 1912; published in the CITY RECORD September 11, 1912, page 7314.

No. 2. ANTHONY STREET. To regulate, grade, set cement curb and lay cement sidewalks on Anthony st., from Morgan ave. to Porter ave.

No. 3. TEN EYCK STREET. Recommending to the Board of Estimate and Apportionment an alteration in the map or plan of The City of New York by closing and discontinuing Ten Eyck st., from Metropolitan ave. to Newtown Creek Canal.

No. 4. BENTON STREET (NOW JACKSON AVENUE). To construct a sewer in Benton st. (now Jackson ave.), from Kingsland ave. to Debevoise ave., and an outlet sewer in Benton st. (now Jackson ave.), from Debevoise ave. to Morgan ave.

No. 5. MORGAN AVENUE. To construct a sewer basin on Morgan ave., east side, 204 feet south of Ten Eyck st., at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basin. Estimated cost, $200; assessed valuation, $54,550.

No. 6. GARDNER AVENUE. To construct sanitary sewers and storm water sewers in Gardner ave., from Randolph st. to Grand st.

No. 7. GARDNER AVENUE. To lay a preliminary pavement of second-hand granite block on a sand foundation on Gardner ave., from Johnson ave. to Randolph st.

No. 8. GARDNER AVENUE. To lay a preliminary pavement of second-hand granite block on a sand foundation on Gardner ave., from Randolph st. to Grand st.

No. 9. NORTH HENRY STREET. To construct sewer basins on N. Henry st. at all four corners of Meserole ave., and at the northeast corner of Norman ave., at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basins. Estimated cost, $700; assessed valuation, $192,000.

No. 10. OAKLAND STREET. To amend resolution of July 25, 1912, directing that cement sidewalks be laid on the westerly side of Oakland st., from Java st. southerly to the sidewalks now laid, at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost, $125; assessed valuation, $5,500, so as to read as follows:

"That cement sidewalks be laid where necessary on the westerly side of Oakland st., between Java st. and Kent st., and on the south side of Java st., between Oakland st. and Manhattan ave., at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost, $125; assessed valuation, $5,500."

No. 11. PUBLIC PARK OR PLAYGROUND. Recommending to the Board of Estimate and Apportionment an alteration in the map or plan of The City of New York by locating and laying out as a public park or playground the property bounded by McKibben st., Bogart st., Siegel st. and White st.

No. 12. PUBLIC PARK OR PLAYGROUND. To acquire title for a public park or playground to the property bounded by McKibben st., Bogart st., Siegel st. and White st.

No. 13. GARDNER AVENUE. To amend resolution of July 10, 1911, initiating proceedings to pave with granite block on concrete foundation Gardner ave., from Flushing ave. to Johnson ave., by providing for a preliminary or permanent granite block pavement, so as to make the amended resolution read as follows:

"To lay a preliminary or permanent granite block pavement on Gardner ave., from Flushing ave. to Johnson ave."

No. 14. METROPOLITAN AVENUE. That the lots lying on the north side of Metropolitan ave., between Berry st. and Bedford ave., known as Nos. 24, 25 and 26, Block 2359, be enclosed with a board fence six feet high, at the expense of the owner or owners of said lots. Estimated cost, $21; assessed valuation, $2,200.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the BAY RIDGE DISTRICT at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 2.50 p. m.

No. 1. Approval of minutes of meeting held July 25, 1912, abstract published in the CITY RECORD September 10, 1912, page 7295.

No. 2. 8TH AVENUE. To set cement curb and lay cement sidewalks on 8th ave., from Bay Ridge ave. to 70th st.

No. 3. 8TH AVENUE. To lay a preliminary or permanent asphalt pavement on 8th ave., from Bay Ridge ave. to 70th st.

No. 4. 56TH STREET. That a strip five feet in width be graded along the westerly line of lot lying on the south side of 56th st., between 7th and 8th aves., known as No. 21, Block 842, at the expense of the owner or owners of said lot. Estimated cost, $75; assessed valuation, $1,200.

No. 5. 44TH STREET. To regulate, grade and set stone curb on concrete foundation on 44th st., from 1st ave. to 2d ave.

No. 6. 77TH STREET. To rescind resolution of July 25, 1912, directing that the lot lying on the south side of 77th st., between 4th and 5th aves., known as No. 15, Block 5691, be enclosed with a board fence six feet high, at the expense of the owner or owners of said lot.

No. 7. 45TH STREET. To lay a preliminary or permanent asphalt pavement on 45th st., from 12th ave. to 13th ave.

No. 8. 76TH STREET. To amend resolution of October 27, 1910, initiating proceedings to pave with asphalt on concrete foundation the roadway of 76th st., between 1st and 2d aves., omitting that portion between a point 100 feet east of 1st ave. and a point 180 feet east of 1st ave., and to construct a reinforced concrete stairway 10 feet in width with the necessary appurtenances beginning at a point 100 feet east of 1st ave. and extending 80 feet easterly and to sod the slopes on each side of said stairway by providing for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a preliminary or permanent asphalt pavement on the roadway of 76th st., between 1st and 2d aves., omitting that portion between a point 100 feet east of 1st ave. and a point 180 feet east of 1st ave., and to construct a reinforced concrete stairway 10 feet in width with the necessary appurtenances beginning at a point 100 feet east of 1st ave. and extending 80 feet easterly, and to sod the slopes on each side of said stairway."

No. 9. 71ST STREET. To amend resolution of July 12, 1911, initiating proceedings to regulate, grade, set cement curb, lay cement sidewalks and pave with asphalt on concrete foundation 71st st., between 10th and 11th aves., by providing for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb, lay cement sidewalks and lay a preliminary or permanent asphalt pavement on 71st st., between 10th and 11th aves."

10. 85TH STREET. To amend resolution of September 13, 1911, initiating proceedings to pave 85th st. with asphalt on concrete foundation, between 3d and Fort Hamilton aves., by providing for a preliminary or permanent as-

phalt pavement, so as to make the amended resolution read as follows:

"To lay a preliminary or permanent asphalt pavement on 85th st., from 3d ave. to Fort Hamilton ave."

No. 11. 45TH STREET. To regulate, grade, set cement curb and lay cement sidewalks on 45th st., from Fort Hamilton ave. to 10th ave.

No. 12. 68TH STREET. To lay a preliminary or permanent asphalt pavement on 68th st., from 2d ave. to 3d ave., with the exception of a strip 12 feet in width centrally located, extending from 3d ave. to a line 140 feet westerly thereof, and to pave said strip with a preliminary or permanent granite block pavement.

No. 13. 59TH STREET. To lay a preliminary or permanent asphalt pavement on that portion of 59th st. between 7th and Fort Hamilton aves. that has not already been paved.

No. 14. 40TH STREET. That a strip 5 feet in width, with banks sloping back at the rate of 1¼ to 1, be graded along the easterly line of Lot 20, Block 917, located on the south side of 40th st., between 5th and 6th aves., at the expense of the owner or owners of said lot. Estimated cost, $600; assessed valuation, $1,350.

No. 15. 40TH STREET. That the lot lying on the south side of 40th st., between 5th and 6th aves., known as No. 25, Block 917, be graded to the level of the curb at the expense of the owner or owners of said lot. Estimated cost, $700; assessed valuation, $4,000.

No. 16. 51ST STREET. To grade the following lots to a line five feet back of the street line and to slope the banks at the rate of one foot vertically to 1½ feet horizontally, at the expense of the owner or owners of said lots: Lots lying on the north side of 51st st., between 8th and 10th aves., known as Nos. 40, 52, 57, 64, 66, 70 and 1, Block 5644, and Lots 37, 45 and 1, Block 5645. Estimated cost, $1,600; assessed valuation, $39,400.

No. 17. 51ST STREET. That a strip 10 feet in width be graded along the northwesterly line of lot on the northeasterly side of 51st st., between 8th and 9th aves., known as No. 57, Block 5644, at the expense of the owner or owners of said lot.

No. 18. 75TH STREET. To amend resolution of July 7, 1910, initiating proceedings to pave 75th st. with asphalt on concrete foundation, between 11th and 13th aves., by providnng for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a preliminary or permanent asphalt pavement on 75th st., between 11th and 13th aves."

No. 19. 77TH STREET. To regulate, grade, set cement curb or stone curb on concrete foundation and lay cement sidewalks on 77th st., between 10th and 11th aves.

No. 20. 2D AVENUE. Recommending to the Board of Estimate and Apportionment that the roadway width of 2d ave., between 6th st. and Gowanus Canal be fixed at 42 feet.

No. 21. 13TH STREET. To amend resolution of June 27, 1912, initiating proceedings to regulate, grade, set curb on concrete and lay a permanent granite block pavement on 13th st., from 2d ave. to the bulkhead line of Gowanus Canal, where not already done, by excluding therefrom the words "where not already done," so as to make the amended resolution read as follows:

"To regulate, grade, set curb on concrete and lay a permanent granite block pavement on 13th st., from 2d ave. to the bulkhead line of Gowanus Canal."

No. 22. 8TH AVENUE. To construct a sewer in 8th ave., from 37th st. to 38th st.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection will be submitted to the Local Boards of the BAY RIDGE AND FLATBUSH DISTRICTS at a joint meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 2.45 p. m.

No. 1. Approval of minutes of meetings held as follows: March 14, 1912, abstract published in the CITY RECORD May 9, 1912, page 4031; June 20, 1912, abstract published in the CITY RECORD August 30, 1912, page 7151; June 27, 1912, abstract published in the CITY RECORD September 4, 1912, page 7205.

No. 2. BAY 7TH STREET—CHANGE OF GRADE. Recommending to the Board of Estimate and Apportionment an alteration in the map or plan of The City of New York by changing the grade in Bay 7th st., from Bath ave. to Cropsey ave.

No. 3. 73D STREET. To lay a preliminary or permanent asphalt pavement on 73d st., from 12th ave. to 14th ave.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

NOTICE IS HEREBY GIVEN THAT THE following petitions, on file and ready for inspection, will be submitted to the Local Board of the FLATBUSH DISTRICT at a meeting to be held in the office of the President of the Borough of Brooklyn, in Room 8, Borough Hall, on

THURSDAY, NOVEMBER 14, 1912,

at 2.30 p. m.

No. 1. Approval of minutes of meeting held October 9, 1912.

No. 2. AVENUE I. To amend resolution of May 20, 1912, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Avenue I, from Coney Island ave. to the right of way of the Brighton Beach Railroad between E. 15th and E. 16th sts., by excluding from the provisions thereof that portion of Avenue I between E. 15th st. and the Brighton Beach Railroad, so as to make the amended resolution read as follows:

"To regulate, grade, set cement curb and lay cement sidewalks on Avenue I, from Coney Island ave. to E. 15th st."

No. 3. AVENUE I. To amend resolution of July 10, 1912, initiating proceedings to lay a preliminary asphalt pavement on a 4-inch concrete foundation on Avenue I, from Coney Island ave. to the Brighton Beach Railroad, by excluding from the provisions thereof that portion Avenue I between E. 15th st. and the Brig n Beach Railroad, so as to make the ame ed resolution read as follows:

" lay a preliminary asphalt pavement on a 4-in concrete foundation on Avenue I, from Cor Island ave. to E. 15th st."

N . BROOKLYN AVENUE. To construct sew in Brooklyn ave., from Malbone st. to Lef s ave., and from Midwood st. to Winthr st.

No. 5. EAST 3D STREET. To construct a sewer in E. 3d st., from the end of the existing sewer between 18th ave. and Avenue F to Avenue F.

No. 6. CANARSIE LANE. To lay a preliminary or permanent asphalt pavement on Canarsie lane, from Flatbush ave. to Nostrand ave.

No. 7. WEST 37TH STREET. To regulate, grade, set cement curb and lay cement sidewalks on W. 37th st., from Bay View ave. to the bulkhead located about 260 feet south of Surf ave., omitting the land occupied by the New York and Coney Island Railroad Company.

No. 8. 73D STREET. To regulate, grade, set cement curb and lay cement sidewalks on 73d st., from 18th ave. to 19th ave.

No. 9. 57TH STREET. To regulate, grade, set cement curb and lay cement sidewalks on 57th st., from New Utrecht ave. to 14th ave.

No. 10. 57TH STREET. To lay a preliminary or permanent asphalt pavement on 57th st., from New Utrecht ave. to 14th ave.

No. 11. NEWKIRK AVENUE. To set cement curb and lay a preliminary or permanent asphalt pavement on Newkirk ave., from Coney Island ave. to 1st st.

No. 12. CHESTER AVENUE. To amend resolution of March 14, 1912, initiating proceedings to pave Chester ave. with asphalt on concrete foundation, from Louisa st. to Fort Hamilton parkway, by providing for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a preliminary or permanent asphalt pavement on Chester ave., from Louisa st. to Fort Hamilton parkway."

No. 13. NEW YORK AVENUE. To lay a preliminary or permanent granite pavement or a preliminary or permanent asphalt pavement on New York ave., from Crown st. to Sterling st., and to set stone curb on concrete foundation, from Montgomery st. to Malbone st.

No. 14. ALBANY AVENUE. To regulate, grade, set cement curb and lay cement sidewalks on Albany ave., from Clarkson ave. to Linden ave.

No. 15. ALBANY AVENUE. To rescind resolution of May 4, 1910, initiating proceedings to regulate, grade, set cement curb and lay cement sidewalks on Albany ave., from Clarkson ave. to Ridgewood lane.

No. 16. BEVERLY ROAD. To amend resolution of March 14, 1912, initiating proceedings to pave Beverly road with asphalt on concrete foundation, from E. 2d st. to Gravesend ave., by providing for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a preliminary or permanent asphalt pavement on Beverly road, from E. 2d st. to Gravesend ave."

No. 17. EAST 13TH STREET. To construct a sewer in E. 13th st., from Avenue N to Avenue O.

No. 18. WEST 30TH STREET. To amend resolution of February 20, 1908, initiating proceedings to regulate, grade, set curb on concrete, lay cement sidewalks and construct a timber bulkhead on W. 30th st., between Neptune ave. and the Atlantic Ocean, by having the limits of said proceeding read: "Between Neptune ave. and a line 360 feet south of Surf ave.," the amended resolution to read as follows:

"To regulate, grade, set curb on concrete, lay cement sidewalks and construct a timber bulkhead on W. 30th st., between Neptune ave. and a line 360 feet south of Surf ave."

No. 19. FORT HAMILTON AVENUE. That cement sidewalks be laid on the east side of Fort Hamilton ave., where necessary, from 38th st. to 39th st., at the expense of the owner or owners of lots in front of which sidewalks are to be laid. Estimated cost, $400; assessed valuation, $21,300.

No. 20. BAY 34TH STREET. To amend resolution of June 10, 1908, initiating proceedings to pave Bay 34th st. with asphalt on concrete foundation, between 86th st. and Cropsey ave., by providing for a preliminary or permanent asphalt pavement, so as to make the amended resolution read as follows:

"To lay a preliminary or permanent asphalt pavement on Bay 34th st., between 86th st. and Cropsey ave."

No. 21. EAST 21ST STREET. To regulate, grade, set curb and lay cement sidewalks where not already done on E. 21st st., from Avenue M to Kings highway.

No. 22. EAST 21ST STREET. To construct a sewer in E. 21st st., from Avenue M to Avenue O.

No. 23. EAST 22D STREET. To regulate, grade, set curb and lay cement sidewalks on E. 22d st., where not already done, from Avenue M to Kings highway.

No. 24. EAST 22D STREET. To construct a sewer in E. 22d st., from Avenue M to Avenue O.

No. 25. EAST 32D STREET. To construct a sewer basin at the northeast corner of E. 32d st. and Canarsie lane, at the expense of the owner or owners of lots fronting on the portions of the streets draining into said basin. Estimated cost, $200; assessed valuation, $59,800.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Secretary. n1

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at the above office until 11 o'clock a. m., on

WEDNESDAY, NOVEMBER 13, 1912,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN BAY 10TH STREET, BETWEEN 86TH STREET AND BENSON AVENUE.

The Engineer's preliminary estimate of the quantities is as follows:

50 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.25	$112 50
687 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.45	1,683 15
6 manholes, complete, with iron heads and covers, including all incident ls and appurtenances; per man ole, $55.00	330 00
3 sewer basins complete, of either star dard design, with iron pans or gratings, iron basin hoods, and connecting vulverts, including all incidentals and appurtenances; per basin, $115.00	345 00
7,600 feet, board measure, of foundation planking and pile capping, laid in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $25.00	190 00
2,750 linear feet of piles, driven in place complete, including all incidentals and appurtenances; per linear foot, $0.30	825 00
Total	$3,485 65

The time allowed for the completion of the work and full performance of the contract will be fifty (50) working days.

The amount of security required will be Seventeen Hundred Dollars ($1,700.00).

No. 2. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A SEWER IN SENATOR STREET, BETWEEN SECOND AND THIRD AVENUES.

The Engineer's preliminary estimate of the quantities is as follows:

890 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.70	$1,513 00
770 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	616 00
8 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50.00	400 00
3 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods, and connecting culverts, including all incidentals and appurtenances; per basin, $125.00	375 00
3,000 feet, board measure, of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet, board measure, $18	54 00
Total	$2,958 00

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Fourteen Hundred Dollars ($1,400.00).

No. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN 77TH ST., BETWEEN 6TH AND 7TH AVES.

The Engineer's preliminary estimate of the quantities is as follows:

801 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.90	$1,521 90
1,042 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot $0.80	833 60
6 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50.00	300 00
Total	$2,655 50

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Twelve Hundred Dollars ($1,200.00).

No. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN RIVERDALE AVE., FROM SNEDIKER AVE. TO WILLIAMS AVE.

The Engineer's preliminary estimate of the quanities is as follows:

443 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.65	$730 95
771 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	616 80
6 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50.00	300 00
One (1) sewer basin complete, of either standard design, with iron pans or gratings, iron basin hood, and connecting culvert, including all incidentals and appurtenances; per basin, $115.00	115 00
Total	$1,762 75

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Nine Hundred Dollars ($900.00).

No. 5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER BASIN AT THE SOUTHWEST CORNER OF DOBBIN ST. AND NORMAN AVE.

The Engineer's preliminary estimate of the quantities is as follows:

One (1) sewer basin complete, of either standard design, with iron pans or grating, iron basin hood and connecting culvert, including all incidentals and appurtenances; per basin, $130.00	$130 00

The time allowed for the completion of the work and full performance of the contract will be ten (10) working days.

The amount of security required will be Sixty-five Dollars ($65).

No. 6. FUR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER BASINS ON METROPOLITAN AVE., AT THE SOUTHEAST AND SOUTHWEST CORNERS OF VARICK AVE.

The Engineer's preliminary estimate of the quantities is as follows:

Two (2) sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $120.00	$240 00

The time allowed for the completion of the work and the full performance of the contract will be fifteen (15) working days.

The amount of security required will be One Hundred and Twenty Dollars ($120).

The foregoing Engineer's preliminary estimate of the total cost for the completed work is to be taken as the 100 per cent. basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent., or 105 per cent.), for which all materials and work called for in the proposed contracts and the notices to bidders are to be furnished to the City. Such percentage as bid for this contract shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

Dated October 28, 1912. o31,n13.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM NO. 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at the above office until 11 o'clock a. m., on

WEDNESDAY, NOVEMBER 13, 1912,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING FOUNDATION FOR SANITARY SEWER IN WEST FIFTEENTH ST., FROM MERMAID AVE. TO CANAL AVE.; AND STORM SEWER IN WEST FIFTEENTH ST., FROM MERMAID AVE. TO CANAL AVE.; AND TRIBUTARY SANITARY SEWERS IN MERMAID AVE., FROM WEST SEVENTEENTH ST. TO STILLWELL AVE.; IN SURF AVE., FROM WEST SEVENTEENTH ST. TO WEST TWELFTH ST.; AND IN WEST FIFTEENTH ST., FROM SURF AVE. TO MERMAID AVE.; AND TRIBUTARY STORM SEWERS IN NEPTUNE AVE., FROM WEST SEVENTEENTH ST. TO STILLWELL AVE.; IN MERMAID AVE., FROM WEST SEVENTEENTH ST. TO STILLWELL AVE.; IN SURF AVE., FROM WEST SEVENTEENTH ST. TO STILLWELL AVE.; AND IN WEST FIFTEENTH ST., FROM SURF AVE. TO MERMAID AVE.

The Engineer's estimate of the quantities is as follows:

21,000 linear feet Spruce Piles.

52,000 feet B. M. Yellow Pine Pile Capping.

86,000 feet B. M. Foundation Planking.

The time allowed for the completion of the work and full performance of the contract is three hundred (300) working days. The provision as to time shall not be modified.

The amount of security required is Five Thousand Dollars ($5,000).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed per linear foot, foot board measure or other unit of measure, by which the bids will be tested.

The bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, the Borough of Brooklyn, No. 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

Dated October 28, 1912. o31,n13.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn, at the above office, until 11 o'clock a. m. on

WEDNESDAY, NOVEMBER 6, 1912,

1. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON W. 35TH ST., FROM NEPTUNE AVE. TO SURF AVE.

The Engineer's estimate is as follows:

50 linear feet old curbstone reset in concrete.

1,050 cubic yards excavation.

4,610 cubic yards filling (to be furnished).

2,800 linear feet cement curb (1 year maintenance).

13,440 square feet cement sidewalks (1 year maintenance).

1,320 cubic yards top soil or loam (to be furnished).

Time allowed, seventy (70) working days.

Security required, Three Thousand Five Hundred Dollars ($3,500).

2. FOR REGULATING AND PAVING WITH PRELIMINARY ASPHALT PAVEMENT ON A 4-INCH CONCRETE FOUNDATION THE ROADWAY OF 45TH ST., FROM 14TH AVE. TO 15TH AVE.

The Engineer's estimate is as follows:

2,400 square yards asphalt pavement (5 years maintenance).

265 cubic yards concrete.

30 linear feet bluestone heading stones set in concrete.

470 cubic yards excavation to subgrade.

Time allowed, thirty (30) working days.

Security required, One Thousand Six Hundred Dollars ($1,600).

3. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON 61ST ST., FROM 12TH AVE. TO FORT HAMILTON AVE.

The Engineer's estimate is as follows:

10 linear feet old curbstone reset in concrete.

190 cubic yards excavation.

2,000 cubic yards filling (to be furnished).

3,200 linear feet cement curb (1 year maintenance).

8,000 square feet cement sidewalks (1 year maintenance).

2 sewer basins to be rebuilt.

Time allowed, forty (40) working days.

Security required, One Thousand Four Hundred Dollars ($1,400).

4. FOR CONSTRUCTING CEMENT SIDEWALKS ON BOTH SIDES OF HENRY ST., BETWEEN W. 9TH ST. AND LORRAINE ST., WHERE NOT ALREADY DONE, AND ON THE WEST SIDE OF CONEY ISLAND AVE., BETWEEN BEVERLY ROAD AND AVENUE C, IN FRONT OF LOT 38, BLOCK 5361.

The Engineer's estimate is as follows:

8,620 square feet cement sidewalks (1 year maintenance).

Time allowed, thirty (30) working days.

Security required, Five Hundred Dollars ($500).

5. FOR FURNISHING AND DELIVERING 300 TONS OF 2,000 POUNDS EACH OF REFINED ASPHALT, TO BE DELIVERED AT THE MUNICIPAL ASPHALT PLANT, 7TH ST. BASIN, BETWEEN 6TH AND 7TH STS., NEAR 2D AVE.

Time allowed for the delivery of the above and the performance of the contract is on or before December 31, 1912.

Security required, One Thousand Six Hundred Dollars ($1,600).

6. FOR FURNISHING AND DELIVERING 4,000 CUBIC YARDS OF ASPHALT SAND, TO BE DELIVERED AT THE MUNICIPAL ASPHALT PLANT, 7TH ST. BASIN, BETWEEN 6TH AND 7TH STS., NEAR 2D AVE.

Time allowed for the delivery of the above and the performance of the contract is on or before December 31, 1912

Security required, Nine Hundred Dollars ($900).

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, square yard, cubic yard or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Highways, in the Borough of Brooklyn, Room No. 12 Municipal Building.

ALFRED E. STEERS, President.

Dated October 21, 1912. o24,n6

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION, No. 148 E. 20TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m. on

THURSDAY, NOVEMBER 7, 1912,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS FOR STEAMFITTING IN CONNECTION WITH FIREPROOFING THE WORKHOUSE ON BLACKWELLS ISLAND.

The time for the completion of the work and the full performance of the contract is by or before one hundred and seventy-five (175) calendar consecutive working days.

The amount of security required is fifty per cent. (50%) of the amount of bid or estimate.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of Charles B. Meyers, Architect, No. 1 Union square west, Borough of Manhattan, The City of New York, where plans and specifications may be seen.

PATRICK A. WHITNEY, Commissioner.

Dated October 24, 1912. o25,N7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office, until 11 o'clock a. m. on

THURSDAY, NOVEMBER 7, 1912,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED TO MAKE THE NECESSARY REPAIRS AND COPPER THE STEAMER "HARTS ISLAND."

The time for the completion of the work and the full performance of the contract is by or before thirty (30) working days.

The amount of security required is fifty per cent. (50%) of amount of bid or estimate.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

PATRICK A. WHITNEY, Commissioner.

Dated October 24, 1912. o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m., on

THURSDAY, NOVEMBER 7, 1912,

No. 1. FOR FURNISHING AND DELIVERING POULTRY, SALT PORK, APPLES, ETC., FOR THANKSGIVING AND CHRISTMAS.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1912.

The amount of security required is fifty (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 totals 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 at the office of the Department of Correction, the Borough of Manhattan, No. 148 E 20th st.

PATRICK A. WHITNEY, Commissioner.

Dated October 18, 1912. o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, No. 148 E. 20TH ST., BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m., on

THURSDAY, NOVEMBER 7, 1912,

No. 1. FOR FURNISHING AND DELIVERING HARDWARE, PAINTS, IRON, STEAM FITTINGS, LUMBER AND MISCELLANEOUS ARTICLES.

The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1912.

The amount of security required is fifty (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 totals and awards made to the lowest bidder on each item. The bids on lumber will be compared and the contract awarded at a lump or aggregate sum 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 at the office of the Department of Correction, the Borough of Manhattan, No. 148 E. 20th st.

PATRICK A. WHITNEY, Commissioner.

Dated October 18, 1912. o25,n7

☞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 lands affected thereby, that the following proposed assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz.:

Borough of Manhattan,

2333. Regulating, regrading, curbing and recurbing, flagging and reflagging St. Nicholas avenue from the south house line of Dyckman street to a point 449 feet southerly therefrom, and constructing the necessary masonry retaining wall with guard rail. Affecting blocks 2170 and 2149.

2743. Paving, curbing and recurbing 121st street, between Amsterdam and Morningside avenues, and laying bridgestone and furnishing and setting necessary manhole covers. The area of assessment extends to one half the block at the terminating streets.

Borough of The Bronx.

2713. Sewer and appurtenances in East 161st street between Jerome avenue and River avenue. Affecting blocks 2357, 2490, 2491, 2492, 2497, 2498, 2499 and 2500.

2714. Sewer in East 181st street, between Mapes avenue and Southern boulevard. Affecting Block 3111.

1806. Regulating, grading, curbing, flagging, laying crosswalks, building approaches and placing fences in Tremont avenue (177th street), from the Bronx River and West Farms road to the Eastern boulevard, excepting the proposed public place at Tremont and Westchester avenues. The area of assessment extends to one-half the block at the intersecting and terminating streets.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, 320 Broadway, New York, on or before November 26, 1912, at 11 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, October 26, 1912. o26,n7

PUBLIC NOTICE IS HEREBY GIVEN TO all persons claiming to have been injured by a change of grade in the regulating and grading of the following named streets to present their claims, in writing, to the Secretary of the Board of Assessors, 320 Broadway, on or before November 12, 1912, at 11 o'clock a. m., at which place and time the said Board of Assessors will receive evidence and testimony of the nature and extent of such injury. Claimants are requested to make their claims for damages upon the blank form prepared by the Board of Assessors, copies of which may be obtained upon application at the above office.

Borough of Manhattan,

2742. 12th ave., between 42d and 44th sts.

2839. Elwood st., between Nagle and Sherman aves.

2840. 5th ave., between 140th and Marginal sts.

2841. 141st st., between Broadway and Riverside drive.

2842. 142d st., from 450 feet east of Lenox ave. to Marginal st.

Borough of The Bronx.

2752. Cromwell ave., between Jerome ave. and Macombs road.

2757. Leland ave., between Westchester and Gleason aves.

2764. Weiher court, from 3d ave. westerly to existing point of Weiher court, a distance of 144.78 feet.

2847. Kingsbridge road, between Heath and Bailey aves.

2851. Zerega ave., from Westchester ave. northerly to Castle Hill ave.

Borough of Brooklyn.

2740. 18th ave., from Ocean parkway to 47th st.

2782. Degraw st., between Washington and Underhill aves.

2783. E. 14th st., between Ditmas and Foster aves.

2785. E. 32d st., between Snyder and Tilden aves.

2786. 82d st., from 17th ave. westerly to existing sidewalk between 16th and 17th aves.

2788. 52d st., between New Utrecht and 13th aves.

2789. 55th st., between 7th and 8th aves.

2790. Garden ave., between Flushing and Johnson aves.

2791. Hendrix st., between Dumont ave. and New Lots road.

2792. Robinson st., between Bedford and New York aves.

2793. 74th st., between New Utrecht and 18th aves.

2794. Suydam st., between Wyckoff and St. Nicholas aves.

2795. W. 28th st., between Surf and Mermaid aves.

2796. White st., between Cook and Moore sts. and Seigel st. and Johnson ave.

2798. 8th ave., between 49th and 50th sts.

2801. E. 35th st., between Glenwood road and Farragut road.

2808. 64th st., between 12th and New Utrecht aves.

2812. Suydam st., between Irving and Wyckoff aves.

2813. 13th ave., between 36th and 37th sts.

2815. Willoughby ave., between Irving and Wyckoff aves.

2818. 81st st., between 18th and 19th aves.

2819. 89th st., between 1st and 2d aves.

2820. E. 2d st., between Beverly and Cortelyou roads.

2822. E. 14th st., between Avenue O and Kings highway and between Avenue V and Neck road.

2823. E. 28th st., between Clarendon road and Canarsie lane.

2825. Sullivan st., between Washington and Nostrand aves.

2827. W. 2d st., between Neptune and West aves.

2828. W. 36th st., between Surf and Neptune aves., including the right of way of the New York and Coney Island Railroad Company.

2829. Dahlgren place, between 86th and 92d sts.

2830. 58th st., between 10th and New Utrecht aves.

2831. Hendrix st., between Dumont ave. and New Lots road.

2832. Johnson st., between E. 7th st. and Coney Island ave.

2833. Newell st., between Meserole and Greenpoint aves.

2834. Senator st., between 2d and 3d aves.

2835. Ralph ave., between Eastern parkway and E. 98th st.

2838. 68th st., between 12th and 13th aves.

2869. E. 13th st., between Avenues I and J

2871. 14th ave., between Church ave. and 39th st.

2872. Homecrest ave., between Avenue S and Neck road.

2873. Lefferts ave., between Nostrand and New York aves.

2874. 16th ave., between 44th and 60th sts.

2875. 62d st., between 6th and 7th aves.

2876. 64th st., between 6th and Fort Hamilton aves.

Borough of Richmond,

2745. DeKay st., between Bard and Davis aves.

2864. Eureka place, between Bentley and Church sts.; Arents ave., between Bentley and Church sts.; Chestnut st., between Bentley st. and Church st.; Butler ave., between Eureka place and Broadway, 5th Ward.

JOS. P. HENNESSY, WM. C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

THOMAS J. DRENNAN, Secretary, 320 Broadway, City of New York, Borough of Manhattan, October 23, 1912. o23,n2

DEPARTMENT OF DOCKS AND FERRIES.

OFFICE OF THE DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon on

THURSDAY, NOVEMBER 21, 1912,

CONTRACT NO. 1352.

FOR FURNISHING AND DELIVERING GENERAL SUPPLIES.

The time for the completion of the work and the full performance of each class of the contract is on or before the expiration of ninety (90) calendar days.

The amount of security required in each class is as follows:

Class 1, sheet metal other than brass, Two Hundred and Fifty Dollars ($250); Class 2, iron dredge chain and spike chain, Two Hundred and Fifty Dollars ($250); Class 3, dock screw bolts and washers, Five Hundred Dollars ($500); Class 4, dock spikes, Three Hundred Dollars ($300); Class 5, wire nails, Four Hundred Dollars ($400); Class 6, durable wire rope, Four Hundred Dollars ($400); Class 7, cast iron, Four Hundred and Fifty Dollars ($450); Class 8, miscellaneous, Five Hundred Dollars ($500); Class 9, hardware, One Thousand Five Hundred Dollars ($1,500); Class 10, cast iron and malleable iron steam fittings and wrought iron, cast iron and lead pipe, Seven Hundred Dollars ($700); Class 11, valves, brass steam fittings and pumps, Three Hundred and Fifty Dollars ($350); Class 12, machine bolts, etc., Four Hundred and Fifty Dollars ($450); Class 13, metals other than iron or steel, Two Hundred and Fifty Dollars ($250); Class 14, wrought bar iron, One Hundred Dollars ($100); Class 15, tool steel, cold rolled, shafting and wire, Two Hundred and Fifty Dollars ($250); Class 16, canvas, One Hundred and Fifty Dollars ($150); Class 17, lard oil, One Hundred and Fifty Dollars ($150); Class 18, linseed oil, Three Hundred Dollars ($300); Class 19, white and red lead, Four Hundred Dollars ($400); Class 20, paints, etc., Four Hundred Dollars ($400); Class 21, electrical supplies, One Hundred and Fifty Dollars ($150).

The bidder shall state, both in writing and in figures, the price of each item, per pound, piece, sheet, gross or other unit of measure as indicated in the schedules. Extensions must be made and footed up in all cases. Each class of the contract is a separate and distinct contract in itself and as such will be awarded to the bidder whose price for furnishing and delivering all of the material called for in the class is the lowest and whose bid is regular in all respects. In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained upon personal application only when request is accompanied by ten (10) cents in stamps to cover postage.

CALVIN TOMKINS, Commissioner of Docks.

Dated October 29, 1912. o31,n21

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF DOCKS AND FERRIES, PIER "A," FOOT OF BATTERY PLACE, NORTH RIVER, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at the above office until 12 o'clock noon on

THURSDAY, NOVEMBER 7, 1912,
Borough of Brooklyn.

CONTRACT NO. 1355.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR DREDGING AND FILLING FOR CHANNEL AND MARGINAL WAY BETWEEN BARREN ISLAND AND MILL BASIN, JAMAICA BAY, BOROUGH OF BROOKLYN.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 360 calendar days.

The amount of security required is $60,000.

The bidder shall state both in writing and in figures, a price per cubic yard, measured in place, by which price the bids will be tested and award, if made, will be made to the bidder whose price per cubic yard, measured in place, is the lowest and whose bid is regular in all respects. The contract is entire and for a complete job. In case of discrepancy between the written price and that given in figures the price in writing will be considered as the bid.

Work must be done at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained upon personal application at the office of the said department, or by mail only when request is accompanied by ten (10) cents in stamps to pay postage.

CALVIN TOMKINS, Commissioner of Docks.

Dated October 24, 1912. o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES.

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, NOVEMBER 14, 1912,

FOR FURNISHING AND DELIVERING ANTHRACITE COAL TO THE BROOKLYN BRIDGE.

The time for the delivery of the material and for the performance of the contract will be sixty (60) calendar days after the receipt by the contractor of a written order to deliver the material from the Commissioner of Bridges.

The amount of security to guarantee the faithful performance of the work will be seven hundred dollars ($700).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.

Dated October 28, 1912. n1,14.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, NOVEMBER 14, 1912,

FOR FURNISHING AND DELIVERING ONE 1½ TON MOTOR TRUCK.

The time for the delivery of the truck and for the performance of the contract will be sixty (60) calendar days after the receipt by the contractor of a written order to deliver the truck from the Commissioner of Bridges.

The amount of security to guarantee the faithful performance of the work will be one thousand dollars ($1,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.

Dated October 28, 1912. n1,14.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m., on

THURSDAY, NOVEMBER 7, 1912,

FOR REPAVING THE NORTH APPROACH OF THE 3D AVE. BRIDGE OVER THE HARLEM RIVER.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of the City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the specifications on or before December 31, 1912.

In case the contractor shall fail to complete the work within the time aforesaid, he shall pay to the City of New York the sum of thirty dollars ($30) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be three thousand five hundred dollars ($3,500).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.

Dated October 23, 1912. o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m. on

THURSDAY, NOVEMBER 7, 1912,

FOR REPAVING THE EAST APPROACH OF THE BROOKLYN BRIDGE.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the specifications on or before December 31, 1912.

In case the contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of Thirty Dollars ($30) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be Three Thousand Dollars ($3,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.

Dated October 22, 1912. o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m. on

THURSDAY, NOVEMBER 7, 1912,

FOR FURNISHING AND DELIVERING LUMBER TO THE WILLIAMSBURG BRIDGE.

The time for the delivery of the material and for the performance of the contract will be ninety (90) calendar days after the receipt by the contractor of a written order to deliver the material, from the Commissioner of Bridges.

The amount of security to guarantee the faithful performance of the work will be Eight Hundred Dollars ($800).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.

Dated October 21, 1912. o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m. on

THURSDAY, NOVEMBER 7, 1912,

FOR REPAVING THE APPROACHES OF THE PELHAM BRIDGE OVER EASTCHESTER BAY.

The contractor will be required to begin work within five days of the date of certification of the contract by the Comptroller of The City of New York, and will be required to complete the entire work to the satisfaction of the Commissioner and in accordance with the specifications on or before December 31, 1912.

In case the contractor shall fail to complete the work within the time aforesaid, he shall pay to The City of New York the sum of Thirty Dollars ($30) for each and every calendar day the time consumed in said performance and completion may exceed the time allowed.

The amount of security to guarantee the faithful performance of the work will be Two Thousand Dollars ($2,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges.

ARTHUR J. O'KEEFFE, Commissioner.

Dated October 21, 1912. o25,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF BRIDGES, NOS. 13 TO 21 PARK ROW, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Bridges at the above office until 2 o'clock p. m. on

THURSDAY, NOVEMBER 7, 1912,

FOR FURNISHING AND DELIVERING YELLOW PINE AND SPRUCE LUMBER TO THE DEPARTMENT OF BRIDGES.

The time for the delivery of the materials and for the performance of the contract will be sixty (60) calendar days after the receipt by the contractor of a written order to deliver the materials from the Commissioner of Bridges.

The amount of security to guarantee the faithful performance of the contract will be Two Thousand Dollars ($2,000).

The right is reserved by the Commissioner to reject all the bids should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Bridges

Dated October 22, 1912.

ARTHUR J. O'KEEFFE, Commissione

o25,n

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF PARKS.

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the above office of the Department of Parks until 3 o'clock p. m., on

THURSDAY, NOVEMBER 14, 1912,
Borough of Brooklyn.

FOR CONSTRUCTING GRAVEL WALKS, CONSTRUCTING TENNIS COURTS, FURNISHING AND ERECTING WROUGHT IRON

PICKET FENCE AND OTHER INCIDENTAL WORK IN CONNECTION WITH THE IMPROVEMENT OF HIGHLAND PARK ON JAMAICA AVE., IN THE BOROUGH OF BROOKLYN.

The time allowed for the completion of this contract will be one hundred (100) days.

The amount of security required is ten thousand dollars ($10,000).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained at the office of the Department of Parks, Borough of Brooklyn, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

n1,14.

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board, at the above office of the Department of Parks, until 3 o'clock p. m. on

THURSDAY, NOVEMBER 7, 1912, Borough of Manhattan,

FOR FURNISHING AND SETTING AND RESETTING CURBSTONES AND PAVING WITH ASPHALTIC CONCRETE UPON A CONCRETE FOUNDATION THE ROADWAY OF THE PLAZA AT 110TH ST. AND 8TH AVE.

The time allowed for the completion of the whole work will be forty (40) consecutive working days.

The amount of the security required is Six Thousand Dollars ($6,000).

Certified check or cash in the sum of Three Hundred Dollars ($300) must accompany bid.

Bids will be compared and the contract awarded at a lump or aggregate sum.

Blank forms may be obtained and plans may be seen at the office of the Department of Parks, Arsenal, Central Park, 64th st. and 5th ave., Borough of Manhattan, New York City.

CHARLES B. STOVER, President: THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks.

o26,n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, NOVEMBER 7, 1912, Borough of Brooklyn.

FOR ALL LABOR AND MATERIALS REQUIRED FOR THE COMPLETION OF THE ABANDONED CONTRACT OF THE MASONRY CONSTRUCTION COMPANY, FOR REPAIRS AND THE ERECTION AND COMPLETION OF ADDITION TO THE LITCHFIELD MANSION, LOCATED IN PROSPECT PARK, BOROUGH OF BROOKLYN, TOGETHER WITH ALL THE WORK INCIDENTAL THERETO.

The time allowed for the completion of this contract will be ninety (90) days.

The amount of security required is Six Thousand Dollars ($6,000).

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 Frank J. Helmle, 190 Montague st., Borough of Brooklyn, The City of New York, where plans and specifications may be seen.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. o25n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE DEPARTMENT OF PARKS, ARSENAL BUILDING, 5TH AVE. AND 64TH ST., BOROUGH OF MANHATTAN, 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, NOVEMBER 7, 1912, Borough of The Bronx.

FURNISHING AND DELIVERING BROKEN STONE AND SCREENINGS, NO. 2, 1912, FOR PARKS, BOROUGH OF THE BRONX.

The time allowed for the completion of the delivery is twenty (20) working days.

The amount of security required is Five Hundred Dollars ($500).

Bids will be compared and the contract awarded at a lump or aggregate sum.

Submit bid in duplicate.

Blank forms may be obtained at the office of the Department of Parks, Zbrowski Mansion, Claremont Park, Bronx, by personal application or by mail on receipt of 10 cents in stamps to pay postage.

CHARLES B. STOVER, President; THOMAS J. HIGGINS, MICHAEL J. KENNEDY, WALTER G. ELIOT, Commissioners of Parks. o25n7

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

SUPREME COURT—FIRST DEPARTMENT.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of LYVERE STREET, between Zerega avenue and West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; FULLER STREET, between Zerega avenue and Sedgwick street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; BUCKLEY STREET, between Zerega avenue and Seventh street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; MACLAY AVENUE, between Parker street and West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; STEARNS STREET, between Glover street and Parker street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York; DORSEY STREET (Carroll lane or place), between Zerega avenue and Seventh street, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, as amended by an order of the Supreme Court, dated the 16th day of March, 1912, and entered in the office of the Clerk of the County of New York on the 19th day of March, 1912, so as to relate to the foregoing streets as shown on a map or plan adopted by the Board of Estimate and Apportionment on the 23d day of March, 1911, and approved by the Mayor on the 30th day of March, 1911. First partial and separate report as to MACLAY AVENUE, between Parker street and West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE first partial and separate final report as to Maclay avenue, of the Commissioners of Estimate in the above entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in The City of New York on the 8th day of November, 1912, at 10:30 o'clock in the forenoon of that day; and that the said first partial and separate final report as to Maclay avenue has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated, Borough of Manhattan, New York, November 1, 1912.

MAX BENDIT, ANDREW J. CARSON, WILLIAM G. DRADDY, Commissioners of Estimate.

JOEL J. SQUIER, Clerk. n1,7.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of EAST TWO HUNDRED AND THIRTEENTH STREET, from Bronx boulevard to Boston road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 21st day of October, 1912, and duly entered and filed in the office of the Clerk of the County of New York on the 24th day of October, 1912, Henry A. Friedman, Francis P. Kenney, and Frederick C. Hunter, Esqrs., were appointed Commissioners of Estimate in the above entitled proceeding and that in and by the said order Henry A. Friedman, Esq., was appointed the Commissioner of Assessment.

Notice is further given that pursuant to the statutes in such cases made and provided the said Henry A. Friedman, Francis P. Kenney and Frederick C. Hunter, Esqrs., will attend at a Special Term, Part II., of the Supreme Court of the State of New York, First Department, to be held at the County Court House in the Borough of Manhattan in the City of New York on the 12th day of November, 1912, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in said proceeding as to their qualifications to act as such Commissioners.

Dated Borough of Manhattan, City of New York, October 29, 1912.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, corner of Centre and Chambers streets, Borough of Manhattan, City of New York. o29,n9.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of SUMMIT PLACE, from Heath avenue to Bailey avenue in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 21st day of October, 1912, and duly entered and filed in the office of the Clerk of the County of New York on the 24th day of October, 1912, Timothy E. Cohalan, Edward A. Schill and E. Mortimer Boyle, Esqrs., were appointed Commissioners of Estimate in the above entitled proceeding and that in and by the said order Timothy E. Cohalan, Esq., was appointed the Commissioner of Assessment.

Notice is further given that pursuant to the statutes in such cases made and provided the said Timothy E. Cohalan, Edward A. Schill and E. Mortimer Boyle, Esqrs., will attend at a Special Term, Part II., of the Supreme Court of the State of New York, First Department, to be held at the County Court House in the Borough of Manhattan in the City of New York on the 12th day of November, 1912, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in said proceeding as to their qualifications to act as such Commissioners.

Dated Borough of Manhattan, City of New York, October 29, 1912.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, corner of Centre and Chambers streets, Borough of Manhattan, City of New York. o29,n9.

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of EAST ONE HUNDRED AND SEVENTY-FOURTH STREET, from Southern boulevard to West Farms road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, First Department, bearing date the 21st day of October, 1912, and duly entered and filed in the office of the Clerk of the County of New York on the 22nd day of October, 1912, Philip J. Schmidt, Esq., was appointed a Commissioner of Estimate in the above entitled proceeding, in the place and stead of Patrick J. Reville, resigned.

Notice is further given, that pursuant to the said order the said Philip J. Schmidt will attend at a Special Term, Part II., of the Supreme Court of the State of New York, First Department, to be held at the County Court House, in the Borough of Manhattan, in The City of New York, on the 11th day of November, 1912, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in said proceeding as to his qualifications to act as such Commissioner of Estimate.

Dated, Borough of Manhattan, City of New York, October 28, 1912.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, corner Centre and Chambers streets, Borough of Manhattan, New York City. o28,n8.

FIRST JUDICIAL DEPARTMENT.

In the matter of acquiring title by The City of New York to certain lands and premises on the westerly side of BRYANT AVENUE, between East 172d street and East 173d street, in the 24th Ward of the Borough of The Bronx, in The City of New York, duly selected as a site for school purposes according to law.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, bearing date the 18th day of October, 1912, entered and filed in the office of the Clerk of the County of New York on the 19th day of October, 1912, James Philip VanKirk, James J. McMahon and James F. Delaney were appointed Commissioners of Estimate and Appraisal in the above proceeding.

Notice is further given that pursuant to the statutes in such case made and provided, the said James Philip VanKirk, James J. McMahon and James F. Delaney will attend at a special term of the Supreme Court of the State of New York, to be held in Part II thereof, at the County Court House in the Borough of Manhattan, in the City and County of New York, on the 8th day of November, 1912, at 11 o'clock in the forenoon of that day, for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any person having an interest in said proceeding as to their qualifications to act as such Commissioners of Estimate and Appraisal in said proceeding.

Dated New York, October 23, 1912.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. o26,n7

FIRST DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of McGRAW AVENUE, between Beach avenue (Clasons Point road) and Unionport road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 8th day of November, 1912, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 11th day of November, 1912, at 1 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 8th day of November, 1912, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 12th day of November, 1912, at 1 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 26th day of March, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of McGraw avenue, the said distance being measured at right angles to McGraw avenue, where it is intersected by a line distant 100 feet northeasterly from and parallel with the northeasterly line of Unionport road, the said distance being measured at right angles to Unionport road, and running thence southeastwardly along the said line parallel with Unionport road to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of McGraw avenue and Benedict avenue, as these streets are laid out east of Pugsley avenue; thence westwardly along the said bisecting line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of McGraw avenue, the said distance being measured at right angles to McGraw avenue; thence westwardly along the said line parallel with McGraw avenue to the intersection with the easterly line of Storrow street; thence westwardly in a straight line to a point in the westerly line of Storrow street where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the southerly line of McGraw avenue and the northerly line of Westchester avenue, as these streets are laid out between White Plains road and Beach avenue; thence westwardly along the said bisecting line to a point distant 100 feet westerly from the westerly line of Beach avenue, the said distance being measured at right angles to the line of Beach avenue; thence northwardly and always 100 feet westerly from and parallel with the westerly line of Beach avenue to the intersection with the prolongation of a line midway between McGraw avenue and Wood avenue, as these streets are laid out west of White Plains road; thence eastwardly along the said line midway between McGraw avenue and Wood avenue, and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Wood avenue and McGraw avenue, as these streets are laid out between Storrow street and Gray street; thence eastwardly along the said bisecting line to a point distant 100 feet northerly from the northerly line of McGraw avenue, the said distance being measured at right angles to McGraw avenue; thence eastwardly and always 100 feet northerly from and parallel with the northerly line of McGraw avenue and the prolongation thereof to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit, together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 11th day of November, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House, in the Borough of Manhattan, in The City of New York, on the 6th day of December, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, October 10, 1912.

PETER J. EVERETT, Chairman; FRED. L. HAHN, ROBERT W. MALONEY, Commissioners of Estimate; PETER J. EVERETT, Commissioner of Assessment.

JOEL J SQUIER, Clerk. o19,n6

SUPREME COURT—SECOND DEPARTMENT.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of PROSPECT AVENUE, from Metropolitan avenue to Putnam avenue, in the Second Ward, Borough of Queens, City of New York.

Notice is hereby given that the final reports of the Commissioners of Estimate and of the Commissioner of Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Term thereof Part I, to be held at the Queens County Court House, Long Island City, in the Borough of Queens, in The City of New York, on the 13th day of November, 1912, at the opening of Court on that day; and that the said final reports have been deposited in the office of the Clerk of the County of Queens, there to remain for and during the space of five days, as required by law

Dated, Borough of Manhattan, New York, November 1, 1912.

GEO. A. GREGG, EDW. de F. SMITH, EDWARD DUFFY, Commissioners of Estimate; GEO. A. GREGG, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. n1,7.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of HALSEY STREET (although not yet named by proper authority), from Hallett's Cove to Hell Gate, East River, in the First Ward, Borough of Queens, The City of New York, as amended by an order of the Supreme Court, duly made and entered herein on the 7th day of June, 1909, discontinuing that portion of Halsey street lying between Fulton avenue and Hallett's Cove, East River, pursuant to a resolution of the Board of Estimate and Apportionment adopted April 19, 1907.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held for the hearing of motions at the County Court House in the Borough of Brooklyn, in The City of New York, on the 15th day of November, 1912, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, October 31, 1912.

RUDOLPH L. HORAK, HENRY P. TITUS, Commissioners of Estimate and Assessment.

WALTER C. SHEPPARD, Clerk. o31,n12.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired to the lands, tenements and hereditaments required for the opening and extending of CASSEL AVENUE (although not yet named by proper authority), from Washington avenue to Jay avenue, in the Second Ward, Borough of Queens, City of New York, as amended by an order of this court, dated the 30th day of September, 1910, and entered in the office of the Clerk of the County of New York on the 4th day of October, 1910, so as to conform to the lines of said street, as shown upon Section 2 of the final maps of the Borough

of Queens, as adopted by the Board of Estimate and Apportionment on the 19th day of June, 1908, and approved by the Mayor on the 5th day of August, 1908, and as shown upon Section 17 of the final maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 26th day of June, 1908, and approved by the Mayor on the 5th day of August, 1908.

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, in the Municipal Building, Court House Square, Long Island City, Borough of Queens, in The City of New York, on or before the 19th day of November, 1912, 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 21st day of November, 1912, at 1 o'clock p. m.

Second—That the abstracts of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, in the Municipal Building, Court House Square, Long Island City, in the Borough of Queens, in said City, there to remain until the 21st day of November, 1912.

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 Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the easterly side of Hobson avenue (formerly Washington avenue) midway in the block bounded by the northerly side of Cassel avenue and the southerly side of Columbine avenue; running thence in an easterly direction along the centre line of the block last mentioned to the northwesterly side of Jay avenue; thence in a southwesterly direction along the said northwesterly side of Jay avenue to the point of intersection of the said northwesterly side of Jay avenue and the easterly side of Willow street; thence on a straight line to the westerly side of Willow street at a point in a block midway between the southerly side of Cassel avenue and the northerly side of Halle avenue; thence in a westerly direction along the said last mentioned centre line to the easterly side of Hobson avenue; thence in a northerly direction along the said easterly side of said Hobson avenue to the point or place of beginning.

Fourth—That, provided there be no objections filed to either of said abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 15th day of January, 1913, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said abstracts of estimate and assessment, the notice of motion to confirm our final report herein will stand adjourned to the date to be hereafter specified, and of which notice will be given to all those who have theretofore appeared in this proceeding, as well as by publication in the CITY RECORD, pursuant to Sections 981 and 984 of the Greater New York Charter, as amended by Chapter 658 of the Laws of 1906.

Dated Borough of Manhattan, New York, October 24, 1912.

MORRIS L. STRAUSS, Chairman, JACOB N. IMANDT, Commissioners.

WALTER C. SHEPPARD, Clerk. o30,n16.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of MARY STREET, from Flushing avenue to the northerly property line of the Long Island Railroad and from the southerly property line of the Long Island Railroad to Metropolitan avenue, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court, Second Department, bearing date the 21st day of October, 1912, and duly entered and filed in the office of the Clerk of the County of Queens on the 25th day of October, 1912, Benjamin A. Macdonald, Frank L. Entwisle and Michael J. Connor, Esqrs., were appointed Commissioners of Estimate in the above entitled proceeding, and that in and by the said order Frank L. Entwisle, Esq., was appointed the Commissioner of Assessment.

Notice is further given that pursuant to the statutes in such cases made and provided the said Benjamin A. Macdonald, Frank L. Entwisle and Michael J. Connor, Esqrs., will attend at a Trial Term, Part I., of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Queens in the City of New York on the 11th day of November, 1912, at the opening of the court on that day or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in the said proceeding as to their qualifications to act as such Commissioners.

Dated Borough of Manhattan, City of New York, October 29, 1912.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, corner of Centre and Chambers streets, Borough of Manhattan, City of New York. o29,n9.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of HAROLD AVENUE, from Queens boulevard to Skillman avenue, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 21st day of October, 1912, and duly entered and filed in the office of the Clerk of the County of Queens on the 24th day of October, 1912, Edward Duffy, Theodore P. Wilsnack and Jacob F. Haubeil, Esqrs., were appointed Commissioners of Estimate in the above entitled proceeding and that in and by the said order Edward Duffy was appointed the Commissioner of Assessment.

Notice is further given that pursuant to the statutes in such cases made and provided the said Edward Duffy, Theodore P. Wilsnack and Jacob F. Haubeil, Esqrs., will attend at a Trial Term, Part I., of the Supreme Court of the State of New York, Second Department, to be held at the County Court House in the Borough of Queens in the City of New York, on the 11th day of November, 1912, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or by any other person having any interest in said proceeding as to their qualifications to act as such Commissioners.

Dated, Borough of Manhattan, City of New York, October 28, 1912.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office address, Hall of Records, corner of Centre and Chambers streets, Borough of Manhattan, City of New York. o28, n8.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of EAST 45TH STREET, EAST 46TH STREET, SCHENECTADY AVENUE, EAST 48TH STREET and EAST 49TH STREET, from Flatlands avenue to Flatbush avenue, in the 32d Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of dan age, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, No. 166 Montague streets, in the Borough of Brooklyn, in The City of New York, on or before the 16th day of November, 1912, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 18th day of November, 1912, at 2 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 16th day of November, 1912, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 19th day of November, 1912, at 2 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 14th day of February, 1908, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on the line midway between Utica avenue and East 49th street, distant 100 feet northwesterly from the northwesterly line of Flatlands avenue, the said distance being measured at right angles to the line of Flatlands avenue, and running thence southwardly along the said line midway between Utica avenue and East 49th street to the northeasterly line of Flatbush avenue; thence southwestwardly at right angles to Flatbush avenue a distance of 200 feet; thence northwestwardly and parallel with Flatbush avenue to the intersection with a line at right angles to Flatbush avenue, and passing through a point on its southwesterly side where it is intersected by the prolongation of a line midway between Troy avenue and East 45th street; thence northeastwardly along the said line at right angles to Flatbush avenue to the southwesterly line of the said Flatbush avenue; thence northwardly along a line midway between Troy avenue and East 45th street, and the prolongation thereof to the intersection with a line parallel with the northwesterly line of Flatlands avenue and passing through the point of beginning; thence northeastwardly along the said line parallel with Flatlands avenue to the point or place of beginning.

Fourth—That the abstracts of said estimate of damage and of said assessment for benefit together with the damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by the Commissioners of Estimate and by the Commissioner of Assessment in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, No. 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 27th day of November, 1912.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 19th day of December, 1912, at the opening of the Court on that day.

Sixth—In case, however, objections are filed to the foregoing abstracts of estimate and assessment, or to either of them the motion to confirm the reports as to awards and as to assessments shall stand adjourned to the date to be hereafter specified in the notice provided in such cases to be given in relation to filing the final reports, pursuant to sections 981 and 984 of the Greater New York Charter, as amended by chapter 658 of the Laws of 1906.

Dated Borough of Brooklyn, New York, October 28, 1912.

HENRY D. CIPPERLY, Chairman; EUGENE F. COOKE, EDWARD T. WALSH, Commissioners of Estimate; HENRY D. CIPPERLY, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. o28,n14.

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, wherever the same has not been heretofore acquired, to lands and premises required for the opening and extending of WASHINGTON AVENUE (although not yet named by proper authority), from the East River to Jackson avenue, in the First Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, Second Department, bearing date the 21st day of October, 1912, and duly entered and filed in the office of the Clerk of the County of Queens, on the 23d day of October, 1912, Charles H. Bailey, Esq., was appointed a Commissioner of Estimate and Assessment in the above entitled proceeding, in the place and stead of F. Bell Fenwick, resigned.

Notice is further given that, pursuant to said order, the said Charles H. Bailey will attend at a Special Term of the Supreme Court of the State of New York, Second Department, to be held for the hearing of motions in the County Court House, in the Borough of Queens, in The City of New York, on the 7th day of November, 1912, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel, or by any other person having any interest in the said proceeding, as to his qualifications to act as such Commissioner or Estimate and Assessment.

Dated Borough of Manhattan, City of New York, October 25, 1912.

ARCHIBALD R. WATSON, Corporation Counsel, Office and Post Office Address, Hall of Records, Corner of Centre and Chambers Streets, Borough of Manhattan, New York City. o25,n6

NOTICE TO BIDDERS AT SALES OF OLD BUILDINGS, ETC.

TERMS AND CONDITIONS UNDER WHICH BUILDINGS, ETC., WILL BE SOLD FOR REMOVAL FROM CITY PROPERTY.

THE BUILDINGS AND APPURTENANCES thereto will be sold to the highest bidder, who must pay cash or certified check, drawn to the order of the Comptroller of The City of New York, and must also give a certified check or cash in half the amount of the purchase price as security for the faithful performance of the terms and conditions of the sale. Where the amount of the purchase price does not equal or exceed the sum of $50, the sum of $50 shall be the amount of the security to be deposited. This security may at any time after the expiration of the contract period be applied by the City to the cost of completing any of the work required under the contract, but unfinished at the expiration of the contract period.

The purchaser shall not lease, occupy, cause or permit the building or buildings, etc., purchased by him to be used or occupied for any purpose other than that of their speedy removal, nor shall he collect any rental or other revenue for the use of either the land or the buildings, etc., situated thereon. The breach of either or any of these conditions shall forthwith void the sale and cause immediate forfeiture of the purchase money and the security deposited for the faithful performance of the conditions of the sale. The placing therein or permitting the occupancy of any such building by any tenant free, for rent or otherwise, excepting the necessary watchmen or the workmen engaged in the actual demolition thereof, shall of itself be a breach of the above conditions of sale.

The sale will be as of the condition of the property on date of delivery thereof to the purchaser. The City of New York will not be responsible for any change or loss which may occur in the condition of the buildings, or their appurtenances between the time of the sale thereof and the time of delivering possession to the purchaser, after being properly vacated of all tenants. The sale and delivery to purchaser will be made as nearly together as the circumstance of vacating the structures of their tenants will permit.

All the material of the buildings, sheds, walks, structures and cellars of whatsoever nature, with their exterior and interior fixtures, appurtenances and foundations of all kinds, except the exterior walls of the buildings and their foundations and the sidewalks and curb in front of said buildings, extending within the described area shall be torn down and removed from the premises. None of the dirt, debris or waste resulting from demolition shall be allowed to remain on the premises, except old mortar or plaster only, which may be left, but not higher at any point than two feet below the curb opposite that point. The exterior walls and their foundations shall be taken down only to a plane whose elevation shall be the level of the curb in front of the building. Where there is no curb the elevation of the surrounding ground shall be considered curb level. All wells, cesspools, sinks, etc., existing on the property must be filled to the level of the surrounding ground with clean earth.

The purchaser at the sale shall also withdraw and remove all abandoned water taps and old service mains, and in place thereof cause to be inserted a brass plug in the main water pipe in the street, in compliance with the rules and regulations of the Department of Water Supply, Gas and Electricity, and furnish the Department of Finance with a certificate from the Department of Water Supply, Gas and Electricity that this has been performed.

The purchaser at the sale shall also remove all house sewer connections to the main sewer in the street, and the opening of the main sewer in street shall be properly closed in compliance with the directions of the Bureau of Sewers in the Borough in which the buildings are situated, and furnish the Department of Finance with a certificate from the Bureau of Sewers that the work has been properly performed.

The permit for all opening in the street to be obtained by and at the expense of the purchaser of the building.

Failure to remove said buildings, appurtenances, or any part thereof, within thirty days from the day of possession will work forfeiture of ownership of such buildings, appurtenances or portion as shall then be left standing, together with all moneys paid by said purchaser on account thereof at the time of the sale, and the bidder's assent to the above conditions being understood to be implied by the act of bidding and The City of New York will, without notice to the purchaser, cause the same to be removed and the cost and expense thereof charged against the security above mentioned.

The work of removal must be carried on in every respect in a thorough and workmanlike manner, and must be completed within thirty days from the day of possession, and the successful bidder will provide and furnish all materials of labor and machinery necessary thereto, and will place proper and sufficient guards and fences and warning signs by day and night for the prevention of accidents, and will indemnify and save harmless The City of New York, its officers, agents and servants, and each of them, against any and all suits and actions, claims and demands of every name and description brought against it, them or any of them, and against and from all damage and costs to which it, they or any of them be put by reason of injury to the person or property of another, resulting from negligence or carelessness in the performance of the work, or in guarding the same, or from any improper or defective materials or machinery, implements or appliances used in the removal of said buildings.

Where party walls are found to exist between buildings purchased by different bidders, the materials of said party walls shall be understood to be equally divided between the separate purchasers.

Party walls and fences, when existing against adjacent property not sold, shall not be taken down. All furrings, plaster, chimneys, projecting brick, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beamholes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the contractor.

The Comptroller of The City of New York reserves the right on the day of sale to withdraw from sale any of the buildings, parts of buildings and machinery included therein, or to reject any and all bids, and it is further

Resolved, That, while the said sale is held under the supervision of the Commissioners of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureaus or offices, shall furnish the same in a sealed envelope, indorsed with the title of the supplies, materials, work or services for which the bid or estimate is made, with his or their name or names and the date of presentation to the President or Board or to the head of the Department at his or its office, on or before the date and hour named in the advertisement for the same, at which time and place the estimates received will be publicly opened by the President or Board or head of said Department and read, and the award of the contract made according to law as soon thereafter as practicable.

Each bid or estimate shall contain the name and place of residence of the person making the same, and names of all persons interested with him therein, and, if no other person be so interested, it shall distinctly state that fact; also, that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Board of Aldermen, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of The City of New York is, shall be or become interested, directly or indirectly, as contracting party, partner, stockholder, surety or otherwise in or in the performance of the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate that the several matters stated herein are in all respects true.

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, as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money or corporate stock or certificates of indebtedness of any nature issued by The City of New York, which the Comptroller shall approve as of equal value with the security required in the advertisement, to the amount of not less than three nor more than five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the City.

The contract must be bid for separately.

The right is reserved in each case to reject all bids or estimates if it is deemed to be for the interest of the City so to do.

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

Bidders are requested to make their bids or estimates upon the blank forms prepared and furnished by the City, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, in the form approved by the Corporation Counsel, can be obtained upon application therefor at the office of the Department for which the work is to be done. Plans and drawings of construction work may also be seen there.