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THE CITY RECORD

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PUBLIC SERVICE COMMISSION—FIRST DISTRICT.

Notice.

Pursuant to section 90 of the Railroad Law the Public Service Commission for the First District hereby gives notice to The New York and Harlem Railroad Company, The City of New York and to all owners of land adjoining said railroad in that part of East 166th street to be opened or extended from Brook avenue to Park Avenue East, in the Borough of The Bronx, City of New York, that the Public Service Commission for the First District will hold a public hearing in its hearing room, 154 Nassau street, Borough of Manhattan, City of New York, on November 10, 1911, at 2.30 o'clock in the afternoon, for the purpose of hearing an application made by The City of New York to the Public Service Commission for the First District to determine whether East 166th street as extended shall pass over or under or at grade of the tracks of the New York and Harlem Railroad Company and to determine the manner and method of constructing East 166th street across said railroad tracks, the grade or grades of the street and such other matters pertaining thereto as may be brought before the Commission under the provisions of the Railroad Law.

Dated New York, October 20. 1911.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by TRAVIS H. WHITNEY, Secretary.

No. 154 NASSAU STREET, NEW YORK CITY.

Calendar for Week Commencing November 6, 1911.

Wednesday, November 8—10 a. m.—Room 305—Case No. 1406—Staten Island Railway Company and Staten Island Rapid Transit Railway Company—"Additional safety precautions at unprotected crossings in Borough of Richmond"—Commissioner McCarroll. 2.30 p. m.—Room 310—Case No. 1316—Ocean Electric Railway Company—"Application for approval of construction and operation of an extension in Belle Harbor and West Rockaway"—Commissioner McCarroll. 2.30 p. m.—14th Floor—Case No. 1398—New York and North Shore Traction Company—"Application for approval of issue of $1,500,000 bonds and $771,764.12 stock"—Commissioner Maltbie. 2.30 p. m.—Room 305—Case No. 1411—Interborough Rapid Transit Company—"Escalators at 155th street elevated station"—Commissioner Eustis. 3.30 p. m—Room 305—Case No. 1330—Interborough Rapid Transit Company—"Station facilities on Second, Third and Ninth avenue elevated lines"—Commissioner Eustis.

Thursday, November 9—2.30 p. m.—Room 305—Case No. 1364—Street Railroad Corporations—"Rates of fare upon connecting or intersecting lines of street railroad in the Borough of Manhattan"—Whole Commission. 2.30 p. m.—Room 310—Case No. 1392—Interborough Rapid Transit Company—"Application for approval of issue of $11,400,000 bonds"—Commissioner Maltbie.

Friday, November 10—12.15 p. m.—Room 305—Case No. 1393—Interborough Rapid Transit Company—"Eight-car trains during rush hours on elevated lines"—Commissioner Eustis. 2.30 p. m.—Room 310—Case No. 1405—New York and Harlem Railroad Company—"Application of City of New York as to grade of East 166th street, from Brook avenue to Park avenue east, The Bronx, to be opened across company's tracks"—Commissioner Eustis. 2.30 p. m.—14th Floor—Case No. 1395—New York Edison Company, Geo. Stadtlander et al., Complainants—"Rates for electricity in Manhattan and Bronx"—Commissioner Maltbie. 2.30 p. m.—Room 305.—Case No. 1366—Long Island Railroad Company—"Safety precautions at grade crossings not now protected by gates or gatemen"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1258—Long Island Railroad Company—"Alteration of grade crossing at 18th street, Whitestone"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1259—Long Island Railroad Company—"Alteration of grade crossing at Fifth avenue, Whitestone"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1260—Long Island Railroad Company—"Alteration of grade crossing at Merrick road, Springfield"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1261—"Alteration of grade crossings at Fresh Pond road and Metropolitan avenue, Bushwick Junction"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1262—Long Island Railroad Company—"Alteration of grade crossing at Farmers avenue, Hollis"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1263—Long Island Railroad Company—"Alteration of grade crossing at Hamilton street, Hollis"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1264—Long Island Railroad Company—"Alteration of grade crossing at Hempstead and Jamaica turnpike, Queens"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1265—Long Island Railroad Company—"Alteration of grade crossings at Lawrence, Old Lawrence and Bridge streets, Flushing"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1380—Long Island Railroad Company—"Alteration of grade crossings at Bennett or Baylis avenue, Creed avenue, Wertland avenue and Madison avenue, Queens"—Commissioner McCarroll. 3 p. m.—Room 305—Case No. 1384—Long Island Railroad Company—"Alteration of grade crossing at Collins avenue and 9 other crossings on the Montauk Division, Borough of Queens"—Commissioner McCarroll.

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

Regular meetings of the Commission held on Tuesday and Friday at 12 noon—Room 310.

THE BOARD OF ALDERMEN OF THE CITY OF NEW YORK.

SPECIAL MEETING.

Monday, November 6, 1911, 11 o'clock a. m.

The Board met in the Aldermanic Chamber, City Hall.

Present:

Hon. John Purroy Mitchel, President of the Board of Aldermen.

Aldermen

Thomas F. Baldwin,	Daniel Ehntholt,	John J. Meagher,
John A. Bolles,	O. Grant Esterbrook	George A. Morrison,
John H. Boschen,	Lawrence J. Fagan,	James J. Mulhearn,
William D. Brush,	William Fink,	Courtlandt Nicoll,
Stephen Callaghan,	William H. Finley,	John C. Ruff
James E. Campbell,	James H. Finnigan,	Joseph Schloss,
Daniel T. Cornell,	Ralph Folks,	W. Augustus Shipley,
Henry H. Curran	John S. Gaynor,	Frederick Snell,
Frank A. Cunningham,	Joseph M. Hannon	Michael Stapleton,
Charles Delaney,	Francis P. Kenney,	Michael J. Volkmann,
William J. Desmond,	John Loos,	Leonard A. Van Nostrand,
Frank L. Dowling,	John McCann,	John F. Walsh,
William Drescher,	George Markert,	John J. White,
Alexander Dujat	Samuel Marx,	James R. Weston.
	James J. Molen,	

Cyrus C. Miller, President Borough of The Bronx, by Thomas W. Whittle, Commissioner of Public Works.

Alfred E. Steers, President, Borough of Brooklyn.

George McAneny, President, Borough of Manhattan.

The President directed the Clerk to read the following call of his Honor, the Mayor:

No. 4822.

The City of New York, Office of the Mayor, November 2, 1911.

To the Honorable, the Board of Aldermen of The City of New York:

Gentlemen—In pursuance of section 226 of the Charter of The City of New York, I hereby call a Special Meeting of the Board of Aldermen, to be held on Monday, November 6, 1911, at 11 a. m., to consider the Budget for 1912.

Respectfully, W. J. GAYNOR, Mayor.

Which was ordered on file.

COMMUNICATIONS FROM CITY, COUNTY AND BOROUGH OFFICERS.

The President laid before the Board the following communication from the Board of Estimate and Apportionment:

No. 4823.

Which was referred to the Committee on Finance. (For text, see CITY RECORD of Monday, November 6, 1911.)

Alderman White moved that the Board do now adjourn.

The President put the question whether the Board would agree with said motion.

Which was decided in the affirmative.

And the President declared that the Board stood adjourned.

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

BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of the Board of Estimate and Apportionment held in Room 16, City Hall, Friday, October 20, 1911.

FINANCIAL MATTERS.

The Board met in pursuance of an adjournment.

Present: William J. Gaynor, Mayor; William A. Prendergast, Comptroller; Alfred E. Steers, President Borough of Brooklyn; Maurice E. Connolly, President Borough of Queens.

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

Pursuant to a resolution adopted October 5, 1911, a public hearing of taxpayers was held in relation to the Departmental Estimates for the Budget for the year 1912.

Dr. Abraham Korn, Chairman, Budget Committee, United Real Estate Owners' Association, protested against increases in salary in any department of the City Government and especially against any increased appropriation for the Tenement House Department.

Mr. Faust, of the United Real Estate Owners' Association, advocated a reduction in the Budget.

Mr. Thomas A. Fulton addressed the Board in regard to the Estimate of the Department of Water Supply, Gas and Electricity.

On motion of the Comptroller, the Board adjourned to meet Thursday, October 26, 1911, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of Board of Estimate and Apportionment, Held in Room 16, City Hall, Thursday, October 26, 1911.

FINANCIAL AND FRANCHISE MATTERS.

The Board met in pursuance of an adjournment.

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

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

The minutes (Financial and Franchise Matters) of the meeting held October 19, 1911, were approved as printed in the CITY RECORD, October 25, 1911.

FRANCHISE MATTERS.

Staten Island Rapid Transit Railway Company.

The public hearing was opened on the form of contract modifying contract dated October 29, 1909, granting a franchise to the Staten Island Rapid Transit Railway Company, by extending for three (3) years the time within which to commence and complete the construction of a railway track upon and across Richmond Terrace, in the Third Ward, Borough of Richmond.

The hearing was fixed for this day by resolution adopted September 21, 1911.

Affidavits of publication were received from the "Evening Sun," the New York "Press" and the CITY RECORD.

No one appeared in opposition to or in favor of the proposed grant, and the Chair declared the hearing closed.

The following was offered:

Resolved, That the Board of Estimate and Apportionment hereby consents to certain modifications in the terms and conditions of the said contract of October 29, 1909, such modified terms and conditions being fully set forth and described in the following form of proposed contract for the grant thereof, embodying such terms and conditions as modify or alter said contract of October 29, 1909, which said contract otherwise remains unchanged as to all the other terms and conditions expressed therein, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

This contract, made this .... day of ...., 1911, by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and The Staten Island Rapid Transit Railway Company (hereinafter called the Company), party of the second part, witnesseth:

Whereas, The City did by contract dated October 29, 1909, grant to the Company the right to construct, maintain and operate railroad tracks upon, across and under certain streets and avenues in the Borough of Richmond; and

Whereas, The Company has by a petition verified June 13, 1911, applied to the Board for a modification of said contract by extending for three (3) years the time within which to commence and complete the construction of one of said tracks, namely, across and upon Richmond Terrace in the Third Ward of the Borough of Richmond, authorized by said contract of October 29, 1909; now, therefore,

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby consents to such modification or amendment in and to said contract, subject to the following conditions:

First. All the terms and conditions contained in the said contract dated October 29, 1909, shall remain unchanged, except as follows:

Section 1, paragraph sixth, is hereby amended so as to read:

"Sixth.—The Company shall commence the construction of the tracks herein authorized under South Street, First Ward, within three (3) years, and complete the same within five (5) years from the date upon which this contract is signed by the Mayor, and shall complete the construction of the track herein authorized across Richmond Terrace within five (5) years from such date, and shall commence and complete the construction of the other tracks herein authorized within two (2) years from such date, otherwise the rights herein granted shall cease and determine as to such tracks not so constructed. In the event of the rights so ceasing, the Company shall not be required to make any further payments for the privilege of constructing and maintaining said tracks under this contract, but shall continue paying to the City the sum fixed by this contract for each crossing which it constructs within the time limit herein fixed."

Section 2. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms and conditions and requirements in this contract fixed and contained.

In Witness Whereof, The party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,

(Corporate Seal) By ....., Mayor.

Attest: ....., City Clerk.

THE STATEN ISLAND RAPID TRANSIT RAILWAY COMPANY,

(Seal) By ....., President.

Attest: ....., Secretary.

(Here add acknowledgments.)

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen, the Presidents of the Boroughs of Brooklyn, The Bronx and Queens, and the Acting President of the Borough of Richmond—14.

Union Railway Company of New York City.

The public hearing was opened on the form of contract for the grant of a franchise to the Union Railway Company of New York City, to construct, maintain and operate a street surface railway connecting with the existing tracks of the company in Boscobel avenue near Aqueduct avenue, upon and along Boscobel avenue, to Aqueduct avenue, Borough of The Bronx, and upon, along and over the Washington Bridge and its approaches to 181st street, Borough of Manhattan, and upon and along 181st street, to the easterly side of Broadway.

The hearing was fixed for this day by resolution adopted September 21, 1911.

Affidavits of publication were received from the New York "Times," the New York "Press" and the CITY RECORD.

No one appeared in opposition to or in favor of the proposed grant and the Chair declared the hearing closed.

The following was offered:

Resolved, That the Board of Estimate and Apportionment hereby grants to the Union Railway Company of New York City the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions, including the provisions as to rates, fares and charges, upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

This contract, made this ..... day of ..... 191.., by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Union Railway Company of New York City (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right and privilege to construct, maintain and operate a double-track extension to its present street surface railway with the necessary wires and equipment, for the purpose of conveying passengers only in the Boroughs of Manhattan and The Bronx, in The City of New York, upon the following route, to wit:

Beginning at and connecting with the existing tracks of the Company in Boscobel avenue, at or near its intersection with Aqueduct avenue, in the Borough of The Bronx; thence upon and along Boscobel avenue to Aqueduct avenue; thence westerly upon and over the easterly approach to the Washington Bridge and upon and over the said bridge and its westerly approach to the intersection thereof with 181st street, Borough of Manhattan, and thence upon and along 181st street to the easterly side of Broadway, and to cross such other streets and avenues, named and unnamed, as may be encountered in said route.

The said route, with turnouts, switches and crossovers, hereby authorized is shown upon a map entitled: "Map showing proposed extension of the Union Railway Co. of New York City, in the Boroughs of Manhattan and The Bronx, City of New York, to accompany petition dated October 27, 1910, to the Board of Estimate and Apportionment," and signed by F. W. Whitridge, Receiver; Edward A. Maher, General Manager, and T. F. Mullaney, Chief Engineer, a copy of which is attached hereto, is to be deemed a part of this contract, is to be construed with the text thereof, and is to be substantially followed, provided that deviations therefrom and additional turnouts, switches and crossovers which are consistent with the foregoing description and the other provisions of this contract may be permitted by resolution of the Board.

Nothing in this contract shall be construed as permitting the construction of more than one double-track street surface railway upon the route hereinabove described.

Section 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The consent in writing of the owners of half in value of the property bounded on said streets and avenues to the construction and operation of said railway shall be obtained by the Company within three (3) months from the signing of this contract by the Mayor, and a copy of such consents shall be filed with the Board within such time, or in the event that such consents cannot be obtained within such time, the Company shall within said three (3) months or within one (1) month thereafter, make application to the Appellate Division of the Supreme Court for the appointment of Commissioners in the manner provided by the Railroad Law, to determine if said railway ought to be constructed; otherwise this grant shall cease and determine.

Second—The said right to construct, maintain and operate said railway shall be held and enjoyed by the Company from the date upon which this contract is signed by the Mayor until March 1, 1924, with the privilege of renewal of said contract for the further period of twenty-five (25) years, upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time not earlier than two (2) years and not later than one (1) year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but in no case shall the annual rate of compensation to the City be fixed at a less amount than the sum required to be paid during the last year prior to the termination of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one (1) year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding twenty-five (25) years shall be reasonable, and either the City (by the Board) or the Company shall be bound upon request of the other to enter into a written agreement with each other fixing the rate of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested freeholders selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluation aforesaid. Such appraisers shall be chosen at least six (6) months prior to the expiration of this original contract, and their report shall be filed with the Board within three (3) months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience and upon such information as they may obtain by inquiries and investigations, without the presence of either party. They shall have the right to examine any of the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum shall, in any event, be less than the sum required to be paid for the last year of the original term of this contract. If in any case the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company each paying one-half thereof.

Third—The Company shall pay to the City for the privilege hereby granted the following sums of money:

(*a*) The sum of two thousand five-hundred dollars ($2,500) in cash on or before the date on which operation over any portion of the route hereby authorized is commenced.

(*b*) During the first term of five (5) years an annual sum which shall in no case be less than one thousand dollars ($1,000), and which shall be equal to three (3) per cent. of its gross annual receipts if such percentage shall exceed the sum of one thousand dollars ($1,000).

During the second term of five (5) years an annual sum which shall in no case be less than seventeen hundred dollars ($1,700) and which shall be equal to five (5) per cent. of its gross annual receipts, if such percentage shall exceed the sum of seventeen hundred dollars ($1,700).

During the remaining term expiring March 1, 1924, an annual sum which shall in no case be less than nineteen hundred dollars ($1,900), and which shall be equal to five (5) per cent, of its gross annual receipts if such percentage shall exceed the sum of nineteen hundred dollars ($1,900).

The gross annual receipts mentioned above shall be that portion of the gross receipts of the Company from all sources within the limits of the City as shall bear the same proportion to its whole gross receipts as the length of the extension hereby authorized shall bear to the entire length of the railway of the Company in operation within the limits of the City.

The annual charges shall commence from the date upon which this contract is signed by the Mayor.

(*c*) For the use of the Washington Bridge and its approaches during the term expiring March 1, 1914, an annual sum of one thousand dollars ($1,000); during the succeeding term of five (5) years expiring March 1, 1919, an annual sum of one thousand two hundred and fifty dollars ($1,250); and during the remaining term of five (5) years expiring March 1, 1924, an annual sum of one thousand five hundred dollars ($1,500). The compensation herein reserved shall commence from the date on which this contract is signed by the Mayor.

All annual charges as above shall be paid into the treasury of the City on November 1 of each year and shall be for the amount due to September 30 next preceding. Provided that the first annual payment shall be only for that portion of the first annual charge as the time between the date upon which this contract is signed by the Mayor and September 30 following shall bear to the whole of one year.

Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before November 1 in each year for the year ending September 30 next preceding.

The annual charges herein provided are intended to include the percentages of gross receipts now required to be paid by railway companies to the City pursuant to the Railroad Law as amended, and such charges as are required under Chapter 340 of the Laws of 1892 to be paid by the Company for this extension if said act

applies to or controls the Company in relation to the right and privilege hereby granted.

The City does not and shall not demand or require the payment by the Company of a percentage of gross receipts under the provisions of Chapter 340 of the Laws of 1892 on the gross receipts earned on the extension constructed pursuant to this contract.

Any and all payments to be made by the terms of this contract to the City by the Company, shall not be considered in any manner in the nature of a tax, but such payments shall be made in addition to any and all taxes of whatsoever kind or description, now or hereafter required to be paid by any ordinance of the City, or resolution of the Board, or any law of the State of New York.

Fourth—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal), notwithstanding any clause in any statute or in the charter of any other railway or railroad company providing for payment for railway or railroad rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted (whether original or renewal), or of any part thereof, or of any of the routes mentioned herein, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assigneee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Fifth—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual or other corporation a similar right or privilege, upon the same or other terms and conditions, over the route hereinbefore described.

The use of the railway constructed by the Company under this contract, including the tracks, wires and other equipment, or any structures used in connection therewith, in streets and avenues hereinbefore described, shall be permitted by the Company to any individual or corporation to which the City may have granted, or may hereafter grant, the right or privilege to use such streets and avenues for street railway purposes, upon payment of an annual sum by such individual or corporation to the Company which shall equal the legal interest on such proportion of the actual cost of the construction of such railway and structures, and additions and betterments thereto, as the number of cars operated by such individual or corporation shall bear to the number of cars operated by the companies then using the same; and also such proportion of the cost of keeping the tracks and electrical equipment in repair, and the cost of additions and betterments thereto, such proportion of laying and repairing of pavement and removal of snow and ice, and all other duties imposed upon the Company by the terms of this contract in connection with the maintenance or the operation of said railway so used, as the number of cars operated by such individual or corporation shall bear to the number of cars operated by the companies then using the same, together with the actual cost of the power necessary for the operation of the cars thereon of such individual or corporation. Provided, however, that if, in the opinion of the Company, the legal rate of interest upon the cost of such railway shall be an insufficient sum to be paid for the use of such tracks, it may appeal to the Board and the Board may fix a percentage upon the cost to be paid to the Company, at a sum in excess of the legal rate of interest, if, in its opinion, such action is justified.

The Company shall not at any time oppose but shall upon the request of the Board, consent to the construction or operation of any street surface railway which may necessitate the use of any portion of the railway which shall be constructed by the Company pursuant to this contract.

Sixth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Seventh—Upon the termination of this original contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the tracks and equipments of the Company constructed pursuant to this contract within the streets and avenues and upon the bridge shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of its tracks and other equipment constructed pursuant to this contract and the said streets and avenues and the bridge shall be restored to their original condition at the sole cost and expense of the Company.

Eighth—The Company shall commence construction of the railway herein authorized within three (3) months from the date upon which the consents of the property owners are filed with the Board or from the date of the order of the Appellate Division of the Supreme Court, made pursuant to Section 174 of the Railroad Law, confirming the determination of the Commissioners appointed thereunder that such railway ought to be constructed, and shall complete the construction and place the same in full operation within six (6) months from the date of filing such consents or the date of such order, otherwise this right shall cease and determine and all sums paid, and the sum of two thousand dollars ($2,000) deposited with the Comptroller of the City, as hereinafter provided, shall thereupon be forfeited to the City; provided that the period for commencement and the period for completion and placing the railway in full operation may be extended by the Board, but the total extension of time for either of such periods shall not exceed in the aggregate six (6) months; and provided, further, that when the commencement or completion of said construction shall be prevented by legal proceedings in any Court, or by works of public improvement, or from other causes not within the control of the Company, the time for the commencement or completion of such construction may be extended for the period of such prevention, but no delay shall be allowed for unless the Court proceedings shall be diligently prosecuted by the Company, and provided further, that in no case shall such delay be deemed to begin until the Company shall have given written notice to the Board of any such Court proceedings or other occasion of delay, and deliver to the Board copies of any injunction or other orders, and the papers upon which the same shall have been granted, and unless upon the request of the Board the Company shall, in writing, consent that the Board, either in its own name as a party or in the name of the City as a party, may intervene in any such proceedings.

Ninth—Said railway shall be constructed and operated in the latest approved manner of street railway construction and operation, and it is hereby agreed that the Board may require the Company to improve or add to the railway equipment, including rolling stock and railway appurtenances, from time to time, as such additions and improvements are necessary, in the opinion of the Board. Upon failure on the part of the Company to comply with the direction of the Board within a reasonable time, the rights hereby granted shall cease and determine.

Tenth—Said railway shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the charter of the City.

No construction upon said railway shall be commenced until written permits have been obtained from the proper City officials.

In any permits so issued such officials may also impose such conditions, as a condition of the granting of the same, as are necessary for the purpose of protecting any structures, in the streets and avenues and upon the bridge, over which such officials have jurisdiction and the Company shall comply with such conditions.

The electrical equipment to be installed by the Company for the operation of the railway within the limits of the City, whether the same be upon streets and avenues, or upon the bridge and its approaches, or upon private property, shall be constructed and maintained under the supervision and control of the Commissioner of Water Supply, Gas and Electricity.

Eleventh—Said railway may be operated by overhead electric power substantially similar to the overhead electric system now in use by street surface railways in the Borough of The Bronx, or by any other motive power, except locomotive steam power or horse power, which may be approved by the Board, and consented to by the abutting property owners, in accordance with the provisions of law, and by the Public Service Commission for the First District of the State of New York.

Provided, however, that the Board, upon giving to the Company one (1) year's notice, may require the Company to operate its railway upon the whole or upon any portion of the route herein authorized to be constructed, except upon the Washington Bridge structure, by underground electric power substantially similar to the system now in use on the street surface railways in the Borough of Manhattan, or upon the whole or any portion of said route by any other practical motive power then in use which does not require the use of poles and overhead wires in the streets and avenues and upon the bridge and its approaches, and thereupon to discontinue the use of the overhead trolley system, and to remove its poles, wires and other structures used by it for that purpose from the streets, avenues and bridge of the City upon said route.

Twelfth—Upon six (6) months' notice by the Board to the Company, all wires for the transmission of power, except trolley wires, for the operation of the railway, upon all or any portion of the route hereby authorized, shall be placed in conduits beneath or alongside of the railway. The Company shall provide in such conduits two (2) ducts not less than three (3) inches in diameter for the exclusive use of the City. Such ducts shall be used only by the Company for the operation of its railway and by the City, as above.

Thirteenth—The rate of fare for any passenger upon said railway shall not exceed five (5) cents and the Company shall not charge any passenger more than five (5) cents for one continuous ride, from any point on its road or on any road, line or branch operated by it or under its control to any other point thereof, or any connecting branch thereof within the limits of the City.

The Company shall carry free upon the railway hereby authorized during the term of this contract all members of the Police and Fire Departments of the City, when such employees are in full uniform.

Fourteenth—No cars shall be operated upon the railway hereby authorized, other than passenger cars and cars necessary for the repair or maintenance of the railway, and no freight cars shall be operated upon the tracks of said railway.

Fifteenth—The Company shall attach to each car run over the said railway proper fenders and wheel guards, in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Sixteenth—All cars which are operated on said railway shall be heated during the cold weather, in conformity with such laws and ordinances as are now in force, or may hereafter, during the term of this contract, be enacted or adopted by the State or City authorities, or as may be required by resolution of the Board.

Seventeenth—All cars operated on said railway shall be well lighted by electricity, or by some lighting system equally efficient, or as may be required by resolution of the Board.

Eighteenth—Cars on the said railway shall run at intervals of not more than thirty (30) minutes both day and night, and as much oftener as reasonable convenience of the public may require, or as may be directed by the Board.

Nineteenth—The Company, so long as it shall continue to use any of the tracks upon the streets and avenues or bridge in or upon which said railway shall be constructed, shall cause to be watered at least three (3) times every twenty-four (24) hours when the temperature is above thirty-five (35) degrees Fahrenheit, the entire width of the streets, avenues and bridge, except when the width of such streets, avenues and bridge shall exceed sixty (60) feet between curb lines, in which case the Company shall cause to be watered only sixty (60) feet in width of such roadway, and the Company shall provide for such purpose at least one tank car, the capacity of which shall be sufficient to water such streets, avenues and bridge in a satisfactory manner.

Twentieth—The Company shall at all times keep the streets, avenues and bridge, upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two (2) feet beyond the rails, on either side thereof, free and clear from ice and snow, provided, however, that the Company shall, at the option of the Commissioner of Street Cleaning, enter into an agreement for each winter season, or part thereof, to clean an equivalent amount of street surface from house line to house line.

And provided further, that the Company shall, at the option of the Commissioner of Bridges, enter into an agreement for each winter season, or part thereof, to clean an equivalent amount of roadway upon the bridge and its approaches.

Twenty-first—As long as said railway, or any portion thereof, remains in any street or avenue, or upon the bridge, the Company shall pave and keep in permanent repair that portion of the surface of the street, avenue or bridge in or upon which the said railway is constructed, between its tracks, the rails of its tracks and for a distance of two (2) feet beyond the rails on either side thereof, under the supervision of the local authorities, whenever required by them to do so, and in such manner as they may prescribe.

In case of the neglect of the Company to pave or repair the pavement on the streets after the expiration of thirty (30) days' notice to do so from the President of the Borough having jurisdiction, or in case of the neglect of the Company to pave or repair the pavement on the bridge after the expiration of thirty (30) days' notice so to do from the Commissioner of Bridges, said President or said Commissioner, as the case may be, may pave or repair the same at the expense of the Company. And the City shall have the right to change the material or character of the pavement of any street or avenue, and in that event the Company shall be bound to replace such pavement in the manner directed by the proper City official, at its own expense, and the provisions as to repairs herein contained shall apply to such renewed or altered pavement.

Twenty-second—Any alteration to the sewerage or drainage systems, or to any other subsurface or to any surface structures in the streets, required on account of the construction or operation of the railway, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Twenty-third—It is agreed that the right hereby granted to operate a street surface railway shall not be in preference or in hindrance to public work of the City, and should the said railway in any way interfere with the construction of public works in the streets and avenues, or upon the bridge, whether the same is done by the City directly or by a contractor for the City, the Company shall, at its own expense, protect or move the tracks and appurtenances in the manner directed by the City officials having jurisdiction over such public work.

Twenty-fourth—Should the grades or lines of the streets and avenues in which the railway is hereby authorized be changed at any time after the railway has been constructed and during the term of this contract, the Company shall, at its own expense, change its tracks and appurtenances to conform with such new grades and lines, and during the construction of any public improvement upon said streets and avenues the Company shall take care of and protect the tracks and appurtenances at its own expense, all to be done subject to the direction of the City official having jurisdiction over the construction of such change.

Twenty-fifth—Upon one (1) year's notice from the Board the Company shall, if the Board shall so determine by resolution, cease the operation of the stub-end terminal at E. 181st street and Broadway, and shall within sixty (60) days from the date of such notice make application to the Board for the right to construct, maintain and operate a loop terminal upon streets to be designated by the Board and shall on or before the expiration of said one (1) year enter into a contract for such loop terminal in substitution for the stub-end terminal hereby authorized.

Twenty-sixth—The Company shall keep and maintain the tracks and the electrical equipment upon the bridge and its approaches necessary for the operation of cars thereon in good order and repair and in such manner as shall be approved and directed by the Commissioner of Bridges, and shall furnish all motive power required by the Commissioner of Bridges for the operation of its cars. If deemed necessary by the Commissioner of Bridges, the Company shall install and operate a system of signals to insure the safe and efficient operation of cars, such system to be approved by the Commissioner of Bridges. In the event of any necessity for changing the layout of tracks, curves, switches, sidings or platforms on the bridge in order to facilitate operation of cars by the Company, said Company must do all the work and furnish all the labor and tools necessary for effecting such changes, which shall all be made under the control and direction of the Commissioner of Bridges, and no such changes or construction connected therewith, or relating thereto, shall be made unless the plan or plans for the same have been first submitted to the Commissioner of Bridges and approved by him.

Twenty-seventh—Before beginning the operation of cars, the Company shall file with the Commissioner of Bridges a statement for his approval and assent as

to the type of car which it proposes to operate and a sketch showing clearance dimensions, weight on axles and wheel spacing or such other information as may be required by said Commissioner. All cars operated over the bridge by the Company and all equipment and appliances relating to such operation shall be subject at all times to the inspection of the Commissioner of Bridges or his authorized representatives, who shall have power to forbid the entrance to the bridge of cars which may for any reason be unsatisfactory, and who shall have power to direct the removal of any old or inadequate appliance and the substitution therefor of appliances of approved character.

Said Commissioner may adopt rules and regulations in regard to the number of cars to be operated over the bridge, the rate of speed of said cars, the movement and headway thereof, the type and weight of cars to be used and the condition thereof, the switching of cars and the use of platforms and the control of the electrical current used by the Company, and the said Commissioner may alter and amend any such rules and regulations so as to secure the safety and comfort of persons using the bridge and preserve the purposes for which the bridge was constructed, and, upon serving notice upon the Company that such rules and regulations have been made, amended or altered, the Company shall comply with all the requirements thereof.

Twenty-eighth—Nothing in this contract shall be deemed to affect in any way the right of the Commissioner of Bridges to make any alterations or changes in the construction, operation or management of the bridge or to affect in any way the control of such Commissioner over such bridge, as provided by the Charter of the City.

Twenty-ninth—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the corporation held for such purpose.
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of passengers carried during the year.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.
18. Total expenses for operation, including salaries—and such other information in regard to the business of the Company as may be required by the Board.

Thirtieth—The Company shall at all times keep accurate books of account of the gross receipts from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company, for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross receipts, the total miles in operation within the limits of the City and the miles of railway constructed and operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report and may examine its officers under oath.

Thirty-first—In case of any violation or breach or failure to comply with any of the provisions herein contained, or with any orders of the Board or of the Commissioner of Bridges acting under the powers herein reserved, the franchise or consent herein granted may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the railway constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Thirty-second—If the Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall, for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars ($250), as fixed or liquidated damages, or the Board, in case such structures or equipment which may effect the surface of the streets or of the bridge shall not be put in good condition within a reasonable time after notice by the Board as aforesaid shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Thirty-third—The Company shall assume all liability to persons or property by reason of the construction or operation of the railway authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirty-fourth—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of two thousand dollars ($2,000), either in money or securities, to be approved by him, which sum together with any and all sums of money or any securities heretofore deposited with the Comptroller by the Company under and pursuant to franchises heretofore granted to it by the City for the faithful performance by the Company of the several franchises so granted, shall form a fund for the performance by the Company of all of the terms and conditions of this contract and compliance with all orders of the Board or of the Commissioner of Bridges acting under the powers herein reserved, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at the rates herein fixed, the repairs of the street and bridge pavement, the repair and maintenance of tracks and equipment upon the bridge and its approaches, and the removal of snow and ice and the quality of construction of the railway and the maintenance of the property in good condition throughout the whole term of this contract, and in case of default in the performance by the Company of such terms and conditions or compliance with such orders, or either or any of them, the City shall have the right to cause the work to be done and the materials to be furnished for the performance thereof after due notice, and shall collect the reasonable cost thereof from the said fund without legal proceedings; or after default in the payment of the annual charges, shall collect the same with interest, from the said fund after ten (10) days' notice to the Company; or in case of failure to observe the said terms and conditions of this contract and orders of the Board hereunder, relating to the headway, heating and lighting of cars, fenders, wheel-guards and watering of street pavements, the Company shall pay a penalty of fifty dollars ($50) per day for each day of violation, and the further sum of ten dollars ($10) per day for each car that shall not be properly heated, lighted or supplied with fenders or wheel-guards, in case of a violation of the provisions relating to those matters.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President, or other officer, to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalty or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund, the Company shall, upon ten (10) days' notice in writing, pay to the City a sum sufficient to restore said security fund to the original amount, and in default thereof this contract shall be cancelled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Thirty-fifth—The words "notice" or "direction," wherever used in this contract shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Thirty-sixth—The words "streets or avenues" and "streets and avenues," wherever used in this contract, shall be deemed to mean "streets, avenues, highways, parkways, driveways, concourses, boulevards, bridges, viaducts, tunnels, public places or any other property to which the City has title or over which the public has an easement" encountered in the route hereinabove described, and upon or in which authority is hereby given the Company to construct a railway.

Thirty-seventh—If at any time the powers of the Board or any other of the authorities herein mentioned or intended to be mentioned, shall be transferred by law to any other board, authority, officer or officers, then and in such case such other board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Section 3. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the laws of the State of New York.

Section 4. This grant is also upon the further and express condition that the provisions of Article 5, and the other provisions of the Railroad Law pertinent hereto shall be strictly complied with by the Company.

Section 5. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms and conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed the day and year first above written.

THE CITY OF NEW YORK.

By Mayor.

[CORPORATE SEAL.]

Attest: City Clerk.

UNION RAILWAY COMPANY OF NEW YORK CITY.

By Receiver.

[SEAL.]

By President.

Attest: Secretary.

(Here add acknowledgments.)

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Brooklyn, The Bronx and Queens, and the Acting President of the Borough of Richmond—14.

Rapid Transit Railways.

Revocation of 59th Street-Queensboro Bridge Route, and Adoption of 59th Street, Woodside and Astoria Route, and the Roosevelt Avenue Route.

The consideration was opened of the communication dated October 10, 1911, from the Public Service Commission for the First District, transmitting resolutions adopted by said Commission, as follows:

(a) Revoking resolutions adopting route and general plan of construction for an additional rapid transit railway known as 59th Street-Queensboro Bridge Route and establishing route and general plan of construction for an additional rapid transit railway known as 59th Street, Woodside and Astoria Route.

(b) Adopting route and general plan for additional rapid transit railway known as Roosevelt Avenue Route.

—and requesting the approval and consent of this Board thereto.

This communication was presented to the Board at the meeting of October 19, 1911, and by resolution duly adopted this day was fixed as the date for consideration. The matter was then referred to the Transit Committee.

An affidavit of publication was received from the CITY RECORD.

The following appeared in opposition: Frederick E. Grant representing Margaret M. Dunne, a property owner on Jackson avenue, Borough of Queens. Peter J. Dow

The following appeared in favor: W. H. Williams, representing the Queens Chamber of Commerce; R. Horak, John A. Adikes, Louis Windmuller, Henry B. Salsbury, John W. Paris, representing Real Estate Exchange of Long Island; John Anderson Leach, representing Long Island City Business Men's Association; John J. O'Brien, Milton L'Ecluse, James Cloe, George J. Ryan and Milo R. Maltbie, Commissioner Public Service Commission for the First District, and Hon. Edward Weil.

No one else desiring to be heard the Chair declared the consideration concluded.

The Comptroller presented the following:

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 24, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 10, 1911, the Public Service Commission for the First District requested approval of resolution adopted by the Commission as follows:

(a) Revoking the resolution adopting route and general plan of construction for additional rapid transit railway known as the "59th Street-Queensboro Bridge Route and establishing route and general plan of construction for an additional rapid transit railway known as "59th Street, Woodside and Astoria Route."

(b) Adopting route and general plan for additional rapid transit railway known as "Roosevelt Avenue Route."

By resolution of the Board of Estimate and Apportionment, the date for consideration was fixed as October 26, 1911, and the communication was referred to the Transit Committee.

The "59th Street-Queensboro Bridge Route," or Route No. 36, as originally transmitted for the approval of this Board on July 17, 1911, extended from 7th avenue through 59th (and in part through 60th) street, over the Queensboro Bridge to a point near Crescent street, Queens.

The new routes now proposed will extend this system to the Queens plaza of the bridge, with a two-track extension northeasterly, about two and one-half miles long through Jackson and 2d (formerly Debevoise) avenues to Ditmars avenue in the Steinway section, and another extension about five and a half miles of three-track structure extending northeasterly from the bridge plaza along Queens Boulevard Viaduct Thompson, Greenpoint and Roosevelt avenues to Prime street near Flushing Creek.

Section 5 of the Rapid Transit Act requires the taking of a final vote by the Board of Estimate and Apportionment within 60 days of the filing with it for approval of the copy of routes and plans by the Public Service Commission. The 60 days having elapsed without such action, the Public Service Commission has rescinded its original action and has supplemented the route so that as now laid down it will be an actual one-fare asset to Queens, serving the Astoria, Steinway, Woodside, Elmhurst and Corona sections by its respective branches and reaching almost to Flushing. Also Manhattan a train interchange will be possible between either the proposed 7th avenue subway or the existing one at Broadway by the utilization of the planned western connections. A traffic transfer can also be effected at the Lexington avenue subway crossing. The old route gave no convenient terminals and required a double fare if all not within walking distance.

We concur in the request of the Public Service Commission of the First District, that these routes should be approved at an early date, and we therefore transmit herewith preamble and resolutions, which, if adopted, will grant the request.

Respectfully,

———, Mayor; WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; Transit Committee.

The following was offered:

Whereas, The Public Service Commission for the First District, constituted pursuant to the provisions of the Public Service Commissions Law, being chapter 48 of the Consolidated Laws, by a resolution adopted on October 10, 1911, has duly determined and established a route or routes and general plan of construction of a rapid transit railroad or railroads for the conveyance and transportation of persons and property, in The City of New York in addition to those already existing, authorized or proposed; and

Whereas, Thereafter said Public Service Commission for the First District did transmit to the Board of Estimate and Apportionment of The City of New York a copy of said plans and conclusions for said route or routes as adopted, which plans and conclusions were received by said Board of Estimate and Apportionment on the 19th day of October, 1911, at a meeting of the said Board of Estimate and Apportionment duly held on said day; and

Whereas, Said Board of Estimate and Apportionment by resolution duly adopted at said meeting, did appoint a day not less than one week nor more than ten days after the receipt thereof for the consideration of such plans and conclusions, to wit, the 26th day of October, 1911, at 10.30 o'clock a. m.; and

Whereas, Said Board of Estimate and Apportionment, on the 26th day of October, 1911, proceeded with and concluded such consideration; and

Whereas, The said plans and conclusions are fully set forth in the resolution of said Public Service Commission for the First District adopted October 10, 1911, which resolutions are as follows:

RESOLUTION ADOPTED BY THE PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, OCTBER 10, 1911.

Whereas, The Public Service Commission for the First District did, on the 14th day of July, 1911, adopt a certain route and general plan of construction for a rapid transit railroad in the Boroughs of Manhattan and Queens, in The City of New York, known as the 59th Street-Queensboro Bridge Route, running from a point under 59th street, in the Borough of Manhattan, at or adjoining the westerly building line of 7th avenue extended under Central Park and 59th street to a point in 59th street about 350 feet west of the centre line of 5th avenue where the tracks diverge, one track extending under 59th street and the other track crossing 5th avenue diagonally and continuing thence easterly under 60th street to points at or adjoining the easterly curb line of 2d avenue, thence passing into and through the Manhattan terminal station of the Queensboro Bridge, thence continuing along the Manhattan approach and the main span of the Queensboro Bridge and the Queens approach to a point in the Borough of Queens at or about midway between William street and Crescent street, with a spur in the Borough of Manhattan under Central Park, 59th street and 7th avenue to a point at or near 57th street; and

Whereas, The said route and general plan of construction for the said 59th Street-Queensboro Bridge Route were thereafter and on or about the 17th day of July, 1911, duly transmitted by the Public Service Commission for the First District to the Board of Estimate and Apportionment of The City of New York and were on the 20th day of July, 1911, duly received by the said Board of Estimate and Apportionment, but have not yet been approved or consented to by said Board of Estimate and Apportionment or by the Mayor of the City, or consented to by the owners of one-half in value of the property bounded upon the said route; and

Whereas, The Public Service Commission for the First District has duly made the inquest and investigation necessary or proper in the premises, and all such inquests and investigations as are necessary or proper, and has determined to rescind and revoke its said resolutions adopted on July 14, 1911, adopting the said route and general plan of construction for the said 59th Street-Queensboro Bridge Route, and has further determined that the adoption of a new route or routes and general plan of construction for a rapid transit railroad or railroads for the conveyance and transportation of persons and property, in lieu of the said 59th Street-Queensboro Bridge Route, is necessary for the interest of the public and of The City of New York and should be established therein as hereinafter provided; now, therefore, be it

Resolved, That this Commission does hereby rescind and revoke its said resolutions adopted on July 14, 1911, adopting the said route and general plan of construction for the said 59th Street-Queensboro Bridge Route, and does hereby adopt the following route or routes for an additional rapid transit railroad or railoads in The City of New York, and does hereby determine and establish the said additional route or routes thereof as follows, and does hereby adopt a general plan of construction of the said railroad or railroads, the route or routes of which are herein provided, and does in such general plan hereby adopted show the general mode of operation and such details as to manner of construction as may be necessary to show the extent to which any street, avenue or other public place is to be encroached upon and the property abutting thereon affected.

This Commission in adopting the said route or routes and general plan expressly reserves all the powers in relation to the construction of the said route or routes which are conferred upon it by the Rapid Transit Act.

Routes.

A route or routes lying wholly within the Boroughs of Manhattan and Queens and made up of several sections as hereinafter described. The said sections are as follows:

Section 36-O—A route the centre line of which shall begin at a point under 59th street, in the Borough of Manhattan, at or adjoining the westerly building line of 7th avenue extended; running thence easterly under Central Park and 59th street to a point in 59th street about 350 feet west of the centre line of 5th avenue where the tracks diverge, one track extending thence easterly under 59th street and the other track crossing under 5th avenue diagonally and continuing thence easterly under 60th street (crossing under the tracks of the New York Central and Hudson River Railroad Company in Park avenue) to points at or adjoining the easterly curb line of 2d avenue, at which points the tracks will pass into the Manhattan terminal station of the Queensboro Bridge; extending thence through such terminal to a point about 310 feet east of the easterly building line of 2d avenue; extending thence easterly along the Manhattan approach along and across the main span of the Queensboro Bridge and along the Queens approach thereto to a point in the Borough of Queens at or near the westerly side of Crescent street.

The said section shall also include a suitable spur or connection in the Borough of Manhattan, the centre line of which shall begin at a point under 59th street, between 6th and 7th avenues, and after passing under portions of Central Park, 59th street and 7th avenue shall continue in a general southwesterly direction under 7th avenue to a point therein at or near 57th street, where a connection can conveniently be made with a proposed rapid transit railroad in 7th avenue as heretofore adopted and approved.

Section 36-A—A route the centre line of which shall begin at a point in the Borough of Queens on the Queens approach to the Queensboro Bridge at or near the westerly side of Crescent street, at the easterly end of Section 36-O above described; running thence easterly over and along said approach and over the Queensboro Bridge plaza to a point at or near the easterly side of Academy street extended, thence curving southeasterly over said plaza and crossing over Jackson avenue to the Queens boulevard viaduct, thence continuing southeasterly over and along the Queens boulevard viaduct and Queens boulevard to a point near Thompson avenue, thence curving easterly over Queens boulevard and Thompson avenue to a point in Thompson avenue at or near the easterly side of Hill street, thence continuing easterly over and along Thompson avenue to a point at or near Gosman avenue, thence curving northeasterly over Thompson avenue to Greenpoint avenue and continuing over and along Greenpoint avenue to the intersection of Greenpoint avenue and Skillman avenue, thence continuing over and along Skillman avenue to a point at or near the westerly side of 5th street, at which point a connection can conveniently be made with a proposed rapid transit railroad to be hereafter constructed along the proposed Roosevelt avenue and to be known as the Roosevelt Avenue Route.

Section 36-B—A route the centre line of which shall begin at a point in the Borough of Queens on the Queens approach to the Queensboro Bridge at or near the westerly side of Crescent street, at the point of junction of Sections 36-O and 36-A above described; running thence easterly over and along said approach and over the Queensboro Bridge plaza to a point at or near the easterly side of Academy street extended; thence curving northeasterly over said plaza and over Jackson avenue to a point in Jackson avenue at or near the northerly side of Skillman place; thence continuing northeasterly over and along Jackson avenue to 2d (formerly Debevoise) avenue; thence continuing over and along 2d avenue to Ditmars avenue.

General Plan of Construction.

The general plan of construction hereby adopted for the foregoing route or routes is as follows:

For Section 36-O above described, including the said spur or connection forming part of Section 36-O, there shall be two tracks, except that from a point about three hundred and fifty feet west of the centre line of 5th avenue to points at or adjoining the easterly curb line of 2d avenue, one of such tracks shall be constructed under 59th street and the other track diagonally under 5th avenue and under 60th street. For Sections 36-A and 36-B above described there shall be three tracks.

The tracks in Section 36-O above described, including the said spur or connection, except those upon the Queensboro Bridge and its approaches, shall be placed in subway or tunnel. The tracks in Sections 36-A and 36-B above described, and the tracks in that portion of Section 36-O between Crescent street and a point about midway between Crescent street and William street in the Borough of Queens shall be carried upon an elevated structure or viaduct. The tracks in the portion of Section 36-O in the Borough of Manhattan where there are two or more tracks in one street and the tracks in that portion of Section 36-O between Crescent street and a point about midway between Crescent street and William street in the Borough of Queens and the tracks in Sections 36-A and 36-B shall be substantially parallel with each other and on substantially the same level; except that wherever required by special necessities of surface or subsurface structures or other special or local necessities, and at curves and for the purpose of avoiding grade crossings, any one or more of the tracks may be elevated above or depressed below the level of the other track or tracks to the extent that may be necessary. Upon the Queensboro Bridge and upon the Manhattan approach thereto and upon the Queens approach west of a point about midway between William street and Crescent street there shall be occupied part of the viaduct and two of the tracks constructed or to be reconstructed by the City as part of such bridge structure.

The tracks shall be placed in general under or over the central part of the longitudinal streets of the route so far as may be practicable and convenient, except that wherever required by special or local necessities and at curves and at stations and station approaches the tracks or any one or more of them may be diverted as far as necessary to one side or the other of the longitudinal streets of the route or any of them. But no part of the viaduct structure (except at stations, station approaches and curves) shall be within a distance of five feet of the exterior line or side of Jackson avenue, 2d avenue or Thompson avenue. On the portion of Section 36-O underground any part of the longitudinal streets of the route may be occupied so far as the purposes of this general plan require.

The roof of the tunnels on Section 36-O when under the street shall be as near the surface of the street as street conditions and grades and rapid transit railroads heretofore proposed or constructed will conveniently permit.

The roof of the said tunnels shall be of iron or steel with brick or concrete arches, supported when necessary by iron or steel or masonry columns and resting upon masonry walls; or the roof shall be a masonry structure; or the whole of the lining may be of metal.

The said tunnels shall in no case be more than sixteen (16) feet in height in the clear.

There shall be a width in the said tunnels not exceeding fifteen (15) feet for each track in addition to the thickness of the supporting walls, unless it shall be necessary to tunnel by the shield method, in which event the tracks may be placed in tubes not exceeding twenty (20) feet in outside diameter and driven or placed along such part of the street or streets as shall be most practicable and convenient, except that at stations, station approaches, switches, turnouts, curves and crossovers, the width or diameter may be increased.

Except upon the Queensboro Bridge or bridge viaduct or approach, the tracks, where there are two or more tracks under a street, may at any point of Section 36-O above described be placed in the same tunnel, or there may be separate tunnels for one or more tracks, as shall be most convenient.

The viaducts on Sections 36-A and 36-B and on that portion of Section 36-O between Crescent street and a point about midway between Crescent street and William street shall be built with a width of not exceeding thirteen (13) feet for each track, except on curves or at stations or station approaches, or where greater width is required for special construction, and with an additional width of not exceeding three (3) feet on each side for outside footways. Such viaducts may be built of metal or of masonry or of both.

The tracks shall of standard gauge, that is to say, of the width of four (4) feet and eight and one-half (8½) inches between the guage lines.

There shall be as many additional tracks as may be needed for convenient operation of terminals, if necessary, on private property along Sections 36-A and 36-B. Terminal tracks, if any, shall be connected with the tracks of the railroad over and along the longitudinal streets of Sections 36-A and 36-B, and adjacent tracks may be connected with each other, by necessary and suitable switches and connections, and additional track for siding accommodations may be constructed not to exceed in length one-quarter of a mile for each mile of roadway.

Stations and station approaches shall in general be at the intersections of streets and shall be built under or, if the position of the tracks so requires, over the streets or through private property to be acquired for the purpose or both under or over streets and through private property as aforesaid. The streets under or over which stations or station approaches shall be built may include cross streets, but no part of any cross street shall be used for a station or station approach at a distance greater than seventy-five (75) feet from the exterior line or side of the longitudinal streets of the route.

Wherever along any part of Section 36-O above described it shall be necessary for the proper maintenance or accommodation of pipes, wires, sewers or other subsurface structures, the removal, construction or reconstruction of which shall be rendered necessary by the construction of the railroad, any tunnel or subway may be enlarged on either or both sides by an additional width not to exceed fifteen (15) feet on each side of the route. All or any pipes, wires, sewers or other subsurface structures may be placed in suitable galleries to be constructed within the additional width hereinbefore permitted. At each cross street where accommodation for pipes, wires, sewers and other subsurface structures shall be thus provided within the tunnels or subways, such tunnels or subways, in order to provide convenient access to the same, may have, within the limit of the sides or exterior lines of such cross streets or such lines produced, an additional width on each side of the route not to exceed fifteen (15) feet.

Pipes, wires, sewers, street railroad tracks, poles for electric wires and other surface and subsurface structures at any part of the said route or routes shall be removed or disturbed only when necessary for the construction or operation of the railroad or railroads above referred to, and if removed or disturbed shall be placed over, upon or under the several streets in such manner and in such location that the use and service thereof shall not be impaired. All pipes, wires, sewers and other subsurface structures shall be left or shall be so arranged as to give free access for their repair or alteration or for the placing with them, so far as there may be space, of new pipes, wires, sewers and other like structures, and for making connections between the same and abutting buildings at any time.

The manner of construction on the underground portion of Section 36-O shall be by tunneling or excavation under cover, except in places where this Commission shall give express permission to construct by open excavation.

In parks, parkways and public places under the jurisdiction of the Department of Parks, all trees injured or destroyed shall so far as possible be replaced under the direction and to the satisfaction of the said Department.

Mode of Operation.

The general mode of operation of the route or routes above described shall be by electricity or some other power not requiring combustion within the tunnels, and the motors or other means of transmitting power shall be capable of moving conveyances at a speed of not less than thirty-five (35) miles per hour for long distances, exclusive of stops.

Definitions.

The word "street," wherever used herein, shall include an avenue or public place.

The words "Rapid Transit Act," wherever used herein, shall be taken and held to mean chapter 4 of the Laws of 1891, as amended by chapter 752 of the Laws of 1894 and chapter 429 of the Laws of 1907, as amended, and by other Acts of the Legislature.

Maps and Drawings.

It is Further Resolved, That the seven (7) maps and drawings dated October 4, 1911, and entitled: "State of New York, Public Service Commission for the First District, Engineering Department, Routes and General Plan," one of such drawings being marked "Route No. 36, Fifty-ninth St., Woodside & Astoria Route, Route No. 37, Roosevelt Avenue Route, Boroughs of Manhattan & Queens, 36 & 37, Key Map," and the other of said drawings being marked "Route No. 36, Fifty-ninth St. Woodside & Astoria Route, Boroughs of Manhattan and Queens," and numbered "36, Sheet No. 1," "36, Sheet No. 2," "36, Sheet No. 3," "36, Sheet No. 4," "36, Sheet No. 5," and "36, Sheet No. 6," respectively, be and they hereby are adopted as showing the foregoing route or routes and general plan for convenience merely, and that the said maps and drawings are not to be deemed a part of the description of the route or routes or a part of the general plan for any purpose whatever.

Resolved, That the Board of Estimate and Apportionment of The City of New York, by a majority vote according to the number of votes by law pertaining to each member of the Board, hereby approves such plans and conclusions and consents to the construction of a railroad or railroads in accordance therewith.

Which was adopted by the following vote:

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

Present and not voting, the Mayor—3.

His Honor, the Mayor, stated he would refrain from voting or expressing his views thereon until the matter came before him as Mayor for his approval as required by law.

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The following was offered:

Whereas, The Public Service Commission for the First District, constituted pursuant to the provisions of the Public Service Commission Law, being chapter 48 of the Consolidated Laws, by a resolution adopted on October 10, 1911, has duly determined and established a route or routes and general plan of construction of a rapid transit railroad or railroads for the conveyance and transportation of persons and property, in The City of New York, in addition to those already existing, authorized or proposed; and

Whereas, Thereafter said Public Service Commission for the First District did transmit to the Board of Estimate and Apportionment of The City of New York a copy of said plans and conclusions for said route or routes as adopted, which plans and conclusions were received by said Board of Estimate and Apportionment on the 19th day of October, 1911, at a meeting of the said Board of Estimate and Apportionment duly held on said day; and

Whereas, Said Board of Estimate and Apportionment, by resolution duly adopted at said meeting, did appoint a day not less than one week nor more than ten days after the receipt thereof for the consideration of such plans and conclusions, to wit, the 26th day of October, 1911, at 10.30 o'clock a. m.; and

Whereas, Said Board of Estimate and Apportionment, on the 26th day of October, 1911, proceeded with and concluded such consideration; and

Whereas, The said plans and conclusions are fully set forth in the resolution of said Public Service Commission for the First District, adopted October 10, 1911, which resolutions are as follows:

RESOLUTION ADOPTED BY THE PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, OCTOBER 10, 1911:

Whereas, The Public Service Commission for the First District has determined that a rapid transit railroad for the conveyance and transportation of persons and property, in addition to those already existing, authorized or proposed, is necessary for the interest of the public and of The City of New York, and should be established therein as hereinafter provided; and

Whereas, This Commission has duly made the inquest and investigation necessary or proper in the premises and all such inquests and investigations as are necessary or proper for such determination;

Now, therefore, this Commission does hereby adopt the following route for an additional rapid transit railroad in The City of New York, and does hereby determine and establish the said additional route thereof as follows, and does hereby adopt a general plan of construction of the said railroad, the route of which is herein provided, and does in such general plan hereby adopted show the general mode of operation and such details as to manner of construction as may be necessary to show the extent to which any street, avenue or other public place is to be encroached upon and the property abutting thereon affected.

This Commission in adopting the said route and general plan, expressly reserves all the powers in relation to the construction of the said route which are conferred upon it by the Rapid Transit Act.

Route.

A route wholly within the Borough of Queens, the centre line of which shall begin at a point in Skillman avenue, at or near the westerly line of 5th street, at which point a connection can conveniently be made with a proposed rapid transit railroad to be hereafter constructed, terminating at that point, and to be known as the Fifty-ninth Street, Woodside and Astoria Route, running thence in a general easterly direction over Skillman avenue and over and across Woodside avenue to a point in private property on the north side of Woodside avenue within the lines of the proposed Roosevelt avenue, as the same is shown upon a certain map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment of The City of New York, and dated August 25, 1911, and referred to in a certain resolution relative to a proposed change in the map or plan of The City of New York adopted by said Board of Estimate and Apportionment on September 21, 1911; thence continuing in a general easterly direction over private property within the lines of the proposed Roosevelt avenue, as shown upon said map or plan to 20th street; thence continuing still easterly over and along private property and existing highways within the lines of the proposed Roosevelt avenue, as shown upon the map or plan of The City of New York, to Peartree avenue; thence continuing still easterly over and along private property within the lines of the proposed Roosevelt avenue, as shown upon said map or plan bearing the signature of the Secretary of the said Board of Estimate and Apportionment, and dated August 25, 1911, to Prime street; therefore, be it

General Plan of Construction.

The general plan of construction adopted for the route hereinbefore described is as follows:

For the whole of the said route there shall be three tracks.

All the tracks shall be carried upon an elevated structure or viaduct, and shall be substantialy parallel with each other and on substantially the same level, except that wherever required by special necessities of surface structures or other special or local necessities and at curves and for the purpose of avoiding grade crossings, any one or more of the tracks may be elevated above the level of the other track or tracks to the extent that may be necessary.

The tracks shall be placed in general over the central part of the proposed Roosevelt avenue so far as may be practicable and convenient, but wherever required by special or local necessities and at curves and at stations and station approaches, the tracks or any one or more of them may be diverted as far as necessary to one side or the other of such proposed avenue. But no part of the viaduct structure (except at stations, station approaches and curves) shall be within a distance of five feet of the exterior line or side of the proposed Roosevelt avenue.

Viaducts shall be built with a width of not exceeding thirteen (13) feet for each track, except on curves or at stations or station approaches or where greater width is required for special construction, and with an additional width of not exceeding three (3) feet on each side for outside footways. Viaducts may be built of metal or of masonry or of both.

The tracks shall be of standard guage, that is to say, of the width of four (4) feet and eight and one-half (8½) inches between the guage lines.

There shall be as many additional tracks as may be needed for convenient operation of terminals, if necessary, on private property adjoining the proposed Roosevelt avenue. Terminal tracks, if any, shall be connected with the tracks of the railroad over and along the proposed Roosevelt avenue, and adjacent tracks may be connected with each other, by necessary and suitable switches and connections, and additional track for siding accommodations may be constructed not to exceed in length one-quarter of a mile for each mile of roadway.

Stations and station approaches along the proposed Roosevelt avenue shall in general, if practicable and convenient, be at the intersections of the proposed Roosevelt avenue with other streets and shall be built over private property or existing highways within the lines of the proposed Roosevelt avenue, or through or over private property to be acquired for the purpose outside the lines of such proposed avenue, or both over such private property or existing highways within the lines of such proposed avenue and through or over private property outside the lines of such proposed avenue, as aforesaid. Stations and station approaches may be built over streets crossing the proposed Roosevelt avenue, but no part of any such cross street shall be used for a station or station approach at a distance greater than seventy-five (75) feet from the exterior line or side of the proposed Roosevelt avenue.

Pipes, wires, sewers, street railroad tracks, poles for electric wires and other surface and subsurface structures at any part of the said route shall be removed or disturbed only when necessary for the construction or operation of the railroad above referred to, and if removed or disturbed shall be placed over, upon or under the several streets in such manner and in such location that the use and service thereof shall not be impaired. All pipes, wires, sewers and other subsurface structures shall be left or shall be so arranged as to give free access for their repair or alteration, or for the placing with them, so far as there may be space, of new pipes, wires, sewers and other like structures, and for making connections between the same and abutting buildings at any time.

Mode of Operation.

The general mode of operation of the route above described shall be by electricity or some other power not requiring combustion upon the viaduct, and the motors or other means of transmitting power shall be capable of moving a conveyance at a speed of not less than thirty-five (35) miles per hour for long distances, exclusive of stops.

Definitions.

The word "street," wherever used herein, shall include an avenue or public place.

The words "Rapid Transit Act," wherever used herein, shall be taken and held to mean chapter 4 of the Laws of 1891, as amended by chapter 752 of the Laws of 1894, and chapter 429 of the Laws of 1907, as amended, and other Acts of the Legislature.

Maps and Drawings.

It is Further Resolved, That the three (3) maps and drawings dated October 4, 1911, and entitled "State of New York, Public Service Commission for the First District, Engineering Department, Routes and General Plan," one of such drawings being marked "Route No. 36, Fifty-ninth St., Woodside & Astoria Route, Route No. 37, Roosevelt Avenue Route, Boroughs of Manhattan & Queens, 36 & 37, Key Map," and the other two (2) of said drawings being marked "Route No. 37, Roosevelt Avenue Route, Borough of Queens," and numbered "37, Sheet No. 7," and "37, Sheet No. 8," respectively, be and they hereby are adopted as showing the foregoing route and general plan for convenience merely; and that said maps and drawings are not to be deemed a part of the description of the route or a part of the general plan for any purpose whatever.

Resolved, That the Board of Estimate and Apportionment of The City of New York, by a majority vote, according to the number of votes by law pertaining to each member of the Board, hereby approves such plans and conclusions, and consents to the construction of a railroad or railroads in accordance therewith.

Which was adopted by the following vote:

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

Present and not voting, the Mayor—3.

His honor, the Mayor, stated he would refrain from voting or expressing his views thereon until the matter came before him as Mayor for his approval, as required by law.

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South Shore Traction Company.

The hearing was opened on the order to show cause why a resolution declaring forfeited the contract dated May 20, 1909, as amended by contract dated December 31, 1909, granting a franchise to the South Shore Traction Company, should not be adopted and why the railway constructed and in use under and by virtue of said contracts should not thereupon become the property of the City.

The hearing was fixed for this day by resolution adopted October 11, 1911.

The Secretary presented the following:

Paul T. Brady and Willard V. King, Receivers of South Shore Traction Company, 165 Broadway, New York, October 17, 1911.

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

Dear Sir—I acknowledge receipt of your favor of the 11th inst., enclosing the resolution adopted by your Board requiring me to appear before it on October 26, at 10.30 a. m. I should have acknowledged your letter earlier, but I have just returned from a trip to the West.

Yours faithfully, WILLARD V. KING, Receiver.

Breed, Abbott & Morgan, 32 Liberty Street, New York, October 23, 1911.

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

Gentlemen—The Superintendent of Banks, in charge of the liquidation of the Northern Bank and the Carnegie Trust Company, has recently been advised of a resolution of your Board, adopted on October 11, ordering the Receivers of the South Shore Traction Company to show cause before your honorable Board on October 26, 1911, why a resolution forfeiting a certain contract granting a franchise to that Company to build and operate a street railroad over the Queensboro Bridge to Jamaica should not be adopted.

The South Shore Traction Company has $433,000 first mortgage, five per cent. bonds, issued and outstanding, of which the Northern Bank and the Carnegie Trust Company hold $398,000, partly owned and partly collateral to loans which are unpaid.

The South Shore Traction Company has, issued and outstanding, 6,000 shares of the par value of $600,000, of which the Northern Bank and the Carnegie Trust Company hold, as collateral to loans, $370,000.

It would thus appear that these two institutions, now in the hands of the Superintendent of Banks, are deeply interested in the property and the assets of this Company, and that any action affecting this property will affect the interests of thousands of depositors, residents of New York City, as well as the City itself, which is a large depositor, both in the Northern Bank and the Carnegie Trust Company.

Within the past three weeks negotiations have been in progress with various parties for the sale of the South Shore Traction Company, which, if successful, will result in the early completion of the railroad from the Queensboro Bridge to Jamaica, and which negotiations will be seriously affected by the proposed action of your Board.

We therefore respectfully urge that an extension of sixty days be granted for the hearing of the resolution passed by your Board on October 11. Yours very truly,

BREED, ABBOTT & MORGAN, Attorneys for the Northern Bank, in Liquidation; WHITE & CASE, Attorneys for Carnegie Trust Company, in Liquidation.

James M. Gifford, counsel to the receivers, appeared and requested action be deferred as negotiations were pending with a possible purchaser.

William C. Breed, of Breed, Abbott & Morgan, appeared on behalf of the Northern Bank, in Liquidation, and Carnegie Trust Company, in Liquidation, and requested action be deferred

Milton L-Ecluse, W. H. Williams, representing the Queens Chamber of Commerce, and John W. Paris, representing the Real Estate Exchange of Long Island, requested an extension of time be granted.

J. O. Hammitt appeared on behalf of the Citizens' Union of New York.

The President of the Borough of Queens moved that the hearing be continued until the last meeting of the Board to be held in November, 1911, (November 29, 1911).

Which motion was adopted by the following vote;

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

Communications from the Mayor's Office.

Communications were received from the Mayor's office, returning duly approved by his honor the Mayor, on October 17, 1911, resolutions adopted by this Board October 11, 1911, as follows:

(a) Granting permission to the Long Island Railroad Company to construct, maintain and use two station platforms with approaches along the northerly and southerly roadways of Atlantic avenue, immediately adjoining its right of way on Atlantic avenue, at or near Railroad Company, Borough of Brooklyn.

(b) Granting permission to the Long Island Railroad Company to construct, maintain and use two station platforms with approaches thereto along the northerly and southerly roadways of Atlantic avenue, immediately adjoining its right of way on Atlantic avenue, with Benedict and Boyd avenues, Borough of Queens.

(c) Granting permission to the Long Island Railroad Company to construct, maintain and use two station platforms with approaches thereto along the northerly and southerly roadways of Atlantic avenue, adjoining its right of way on Atlantic avenue, at or near Shaw avenue and Rockaway road, Borough of Queens.

(d) Granting permission to A. Schrader's Sons, Inc., to construct, maintain and use a single span bridge over and across Rose street, west of Duane street, Borough of Manhattan, connecting premises 28 to 32 with 33 Rose street.

(e) Granting permission to the New York Catholic Protectory to continue to maintain and use one 5-inch pipe containing two electric cables and two 2½-inch iron pipes, each containing one electric cable under and across Unionport road, east of Walker avenue, Borough of The Bronx.

(f) Granting permission to the Seventy-sixth and Park Avenue Company to install, maintain and use a tunnel under and across East 76th street, west of Park avenue, connecting premises of the grantee on the northwesterly and southwesterly corners of 76th street and Park avenue, Borough of Manhattan.

(g) Modifying resolution adopted December 22, 1910, approved by the Mayor on the same date, permitting Robert Gair Company to construct, maintain and use two tunnels under and across the intersections of Front and Water streets with Washington street, Borough of Brooklyn, as actually constructed.

(h) Granting Rockwood & Co. an extension of time in which to complete the construction of a platform scale in front of its premises within the easterly sidewalk line of Waverly avenue, north of Park avenue, Borough of Brooklyn.

(i) Revoking consent granted to Wessell, Nockel & Gross, by resolution adopted by the Board of Aldermen, July 31, 1902, permitting said Company to lay and maintain a 6-inch tube for the purpose of conducting steam between their premises 444 West 45th street and 449 West 45th street, Borough of Manhattan.

Which were ordered filed.

New York City Interborough Railway Company.

In the matter of the franchises granted to the New York City Interborough Railway Company to construct, maintain and operate three extensions to its existing street surface railway system, as follows:

(a) Upon and along East 149th street and Southern boulevard, from St. Anns to Leggett avenues, Borough of The Bronx.

(b) Upon and along Dongan street, and East 163d street and Elton avenue, from Intervale avenue to East 161st street, Borough of The Bronx.

(c) Upon and along West 145th street, from Lenox avenue to Broadway, Borough of Manhattan.

These franchises were granted by resolutions adopted by this Board September 21, 1911, approved by the Mayor, September 26, 1911.

The Secretary presented the following:

Bureau of Franchises, October 21, 1911.

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

Sir—By resolution adopted by the Board of Estimate and Apportionment September 21, 1911, approved by the Mayor September 26, 1911, the New York City Interborough Railway Company was granted franchises to construct, maintain and operate street surface railways as follows:

(a) Upon and along E. 149th street and Southern Boulevard from St. Anns avenue to Leggett avenue, Borough of The Bronx.

(b) Upon and along Dongan street, E. 163d street and Elton avenue, from Intervale avenue to E. 161st street, Borough of The Bronx.

(c) Upon and along W. 145th street, from Lenox avenue to Broadway, Borough of Manhattan.

The contract for the extension on 149th street and other streets was executed by the President and Secretary of the Company, October 2, 1911, and by the Mayor and City Clerk, October 10, 1911, and bears the latter date. The agreements accompanying this contract were executed by the Secretary and President of the Railroad Companies October 2, 1911, and bears said date.

The contracts for extensions on Dongan and other streets and W. 145th street, were executed by the President and Secretary of the Railroad Company October 4, 1911, and by the Mayor and City Clerk October 10, 1911, and bear the latter date. The agreement accompanying the contract for the extension on Dongan and other streets was executed by the President and Secretary of the Railroad Companies October 4, 1911, and bears said date.

The contracts were executed in triplicate, two originals being delivered to the Company and the third original placed on file in this office. The Departments interested have been advised of the execution of the contracts.

The grants are now in full force and effect. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

Electric Protection Company of New York.

A communication dated October 18, 1911, was received from the President of the Electric Protection Company of New York, submitting report and financial statement in accordance with the provisions of Section 2, Ninth and Nineteenth, of the contract dated March 1, 1911, granting a franchise to said Company to construct, maintain and operate suitable wires or other electrical conductors in conduits under the streets and avenues, within the Borough of Manhattan, and the portion of the Borough of The Bronx, lying west of the Bronx River, for the purpose of maintaining and operating burglary and fire alarm systems for the protection of premises of the subscribers.

Which was referred to the Bureau of Franchises.

Riverside Light and Power Company.

In the matter of the petition of the Riverside Light and Power Company for a franchise to construct, maintain and operate conduits and conductors for supplying electricity for light and power in a limited district of the Borough of Manhattan, bordering on the Hudson River, between 129th and 134th streets.

At the meeting of July 6, 1911, by resolution duly adopted, the Corporation Counsel was requested to advise the Board as to its power to grant the application and as to certain issues raised by the attorneys for the Consolidated Telegraph and Electrical Subway Company, in a memorandum submitted to the Board.

At the meeting of September 21, 1911, an opinion was received from the Corporation Counsel, stating the Subway Company had not, in his opinion, an exclusive right to construct, maintain and operate subways in the streets and avenues of the City, and advising the Board had the right to grant the application of the Company, subject to certain conditions, and the matter was referred to the Bureau of Franchises.

The Secretary presented the following:

Board of Estimate and Apportionment, the City of New York, Bureau of Franchises, Room 801, 277 Broadway, October 23, 1911.

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

Sir—The Riverside Light & Power Company has, by an application, dated May 16, 1911, applied for a franchise to construct, maintain and operate certain conduits, with the necessary branches and extensions therefrom, for the purpose of supplying electricity for light and power within a limited district on the upper west side of the Borough of Manhattan, more fully described in the form of contract transmitted with this report.

This petition was presented to the Board on May 25, 1911, when it was referred to the Chief Engineer, and a public hearing was held on the same, July 6, 1911.

Organization of Company—From the petition filed by the Company, it appears that it was incorporated under the Transportation Corporations Law on April 10, 1911, by Joseph Conron, John E. Conron and Charles F. Kelley, the owners of over 90 per cent. of the stock of Conron Bros. Company, for the purpose of applying for a franchise, as required by the City authorities, and in order to continue supplying electricity where the Conron Bros. Company has been and is furnishing current to customers without proper authority. The Company was also organized in pursuance of an opinion of the Corporation Counsel, dated March 9, 1910, and referred to in the report of this Bureau upon the application of Conron Bros. for a refrigeration franchise, hereafter to be discussed.

The petition states that, prior to 1898, Joseph and John E. Conron, doing business as copartners under the firm name of Conron Bros., applied to the Mount Morris Electric Light Company (which was then supplying electric light in the upper portion of the Borough of Manhattan), for electricity for light and power, and the said Mount Morris Company refused to supply the same, stating that it would not pay it to extend to 12th avenue for the purpose. The said Conron Bros. then constructed a plant on the west side of 12th avenue, between 130th and 131st streets, for the purpose of generating electricity, and also installed conduits or pipe lines below the surface of the ground, containing electric wires or conductors under and within the right-of-way of the New York Central and Hudson River Railroad Company, and across Manhattan, 131st and 132d streets, for the purpose of supplying electric current for light, heat and power, in the buildings occupied by the various meat, poultry and produce concerns west of 12th avenue and adjacent to said avenue and said streets.

In 1902 Conron Bros. incorporated under the laws of the State of New York, the name assumed by the corporation being Conron Bros. Company, and transferred the business and property owned by said Conron Bros. to the said Conron Bros. Company. It is also stated that since its installation the electric plant and the conduits and conductors have been continuously used for the purpose of supplying electric current to the buildings in the locality where operations are carried on.

On August 20, 1909, the Commissioner of Water Supply, Gas and Electricity called the Board's attention to the maintenance of the above conduit, and, the matter being referred to this Bureau, it was found that Conron Bros. had constructed a 12-inch wooden conduit, containing three pipes, along the right-of-way of the New York Central and Hudson River Railroad Company, and under and across Manhattan, West 131st and West 132d streets. One of these pipes contained the electrical conductors which the present application is intended to legalize and the other two pipes were used to distribute brine for refrigerating purposes to the same concerns which are using the electricity furnished by the Conron Bros. Company. The total length of the wooden conduit was found to be about 765 feet, of which about 235 feet lie within the lines of the public streets mentioned.

The matter was taken up with Conron Bros. Company and, in accordance with the opinion of the Corporation Counsel, mentioned above, that Company amended its certificate of incorporation and applied for a refrigeration franchise. The resolution authorizing the grant of such franchise was adopted by the Board January 19, 1911, approved by the Mayor January 23, 1911, and the franchise contract was executed March 7, 1911. The present application, therefore, is for the purpose of legalizing the remaining pipe in the said wooden conduit, which contains the electrical conductors, which is now being operated without authority.

Other Franchises—The New York Edison Company operates, and claims the right to operate, in the Borough of Manhattan, and a portion of the Borough of The Bronx, under consents given to the following companies:

1. Edison Electric Illuminating Company; consent of Board of Aldermen, April 19, 1881.
2. Harlem Lighting Company; consent of Board of Aldermen, June 13, 1887.
3. Madison Square Light Company; consent of Board of Electrical Control, December 6, 1894.
4. Manhattan Electric Light Company, Limited; consent of Board of Electrical Control, October 19, 1888.
5. Manhattan Electric Light Company; consent of Board of Electrical Control, October 29, 1896.
6. East River Electric Light Company; consent of Board of Aldermen, April 1, 1887.
7. Block Light & Power Company, No. 1; consent of Board of Electrical Control, November 22, 1894.
8. New York Heat, Light and Power Company; consent of Board of Electrical Control, February 8, 1893.
9. Electric Power Company; consent of Board of Electrical Control, October 19, 1888.
10. Mount Morris Electric Light Company; consent of Board of Aldermen, June 13, 1887.
11. North New York Lighting Company; consent of Board of Aldermen, June 13, 1887.

The United Electric Light and Power Company also claims the right to operate in the same territory as the New York Edison Company by virtue of its succession to the Safety Electric Light and Power Company, the United States Illuminating Company and the Ball Electric Illuminating Company, and its control of the Brush Electric Illuminating Company.

The Safety Electric Light and Power Company acquired permission from the Board of Electrical Control on September 20, 1887, to operate in the City of New York, and the other three companies were granted a similar privilege by the Board of Aldermen, the United States Illuminating Company and the Brush Electric Illuminating Company on May 3, 1881, and the Ball Electric Illuminating Company on June 13, 1887.

It is to be noted, however, that the consents of the Board of Electrical Control are invalid under the opinion of the Court of Appeals in People ex rel. West Side Electric Company vs. Consolidated Telegraph and Electrical Subway Company, 187 N. Y., 58, but as shown, the companies claim other grants covering the same territory.

All of the above companies are controlled by the Consolidated Gas Company, either directly or indirectly, and, in addition, the New York Edison Company controls the Consolidated Telegraph and Electrical Subway Company, which has the privilege of laying the subways for high tension wires in the Borough of Manhattan and a portion of the Borough of The Bronx, under two contracts, dated July 22, 1886, and April 7, 1887, ratified by chapter 716 of the Laws of 1887, and a further contract, dated May 15, 1891, the first two being with the Board of Commissioners of Electrical Subways, created by chapter 499 of the Laws of 1885, and the last under chapter 231 of the Laws of 1891, with the Board of Electrical Control, created by chapter 716 of the Laws of 1887. These contracts have already been the subject of report by this Bureau in connection with the application of the Riverside Company, the said report being dated June 27, 1911, and presented to the Board July 6, 1911.

Protests Against Granting Application.

Consolidated Telegraph and Electrical Subway Company—Shortly after the filing of the application of the Riverside Company a protest was received from Messrs. Beardsley, Hemmens & Taylor, as attorneys for the Consolidated Telegraph and Electrical Subway Company, against the granting to the Riverside Company of the power or authority to construct and maintain conduits as applied for. This protest was investigated by the Bureau, and, on July 6, 1911, it submitted a report to the Board, suggesting that the same be referred to the Corporation Counsel for his advice as to the points raised therein and as to the power of the Board to grant the franchise in the manner applied for. At this meeting, Messrs Beardsley, Hemmens & Taylor appeared and also requested that this matter be referred. In answer thereto, on July 31, 1911, the Corporation Counsel advised that the *Subway Company did not, in his opinion, have an exclusive right to construct, maintain and operate subways in the streets and avenues of the City,* and continued as follows:

"Whenever the present Company is unable to supply the public demand for space, or whenever the City, for any reason, deems it wise to take over the existing electrical subways it may itself build and operate additional subways or contract for the construction, operation and maintenance of such new subways with another company, *but until such event occurs, the City is bound under the terms of the contract with the Subway Company to compel all electric light wires to be placed in its conduits.* * * *

"The franchise applied for may be granted on condition that immediately thereafter the said Riverside Electric Light Company shall apply to the Commissioner of Water Supply, Gas and Electricity for leave to place its wires under ground, and shall also demand of the Consolidated Telegraph and Electrical Subway Company

space in its subway in which to place said wires, or, if no subways have been built by the Subway Company in this particular locality, that said Subway Company be required to build the same for its accommodation. (See Charter, sections 525 to 529.)

"The Riverside Electric Light Company should have the right to maintain and operate its electric light wires as at present maintained and operated until such new subways are constructed and placed its its disposal for use and occupation by the Consolidated Telegraph and Electrical Subway Company, whereupon the Riverside Company should agree to discontinue the use of its present conduit and place its electric light wires in such new subways."

A form of contract, containing a provision in accordance with the portions of the opinion above quoted, was transmitted to Mr. Charles F. Kelley, attorney for the Riverside Company, and, in reply to a request to be advised as to whether the provisions suggested were agreeable to the Company, he protested against the insertion of any provision which would require the Company to obtain another conduit in place of the one now maintained and used by it, and suggested that the Company be authorized to continue its maintenance without being required to apply for space in the Consolidated Company's system in lieu thereof. He stated, however, that a clause compelling the Riverside Company to apply to the Consolidated Company for subway facilities for additional conductors would be perfectly acceptable, requesting that it be made conditional that if such facilities were not furnished within a reasonable time after notice and demand, the Riverside Company should have the right to construct, use and maintain the same. However, as the opinion of the Corporation Counsel had only stated one course to follow in regard to this application, I was unwilling to suggest to the Board the clause asked for by Mr. Kelley without further legal advice, and, for this purpose, addressed a communication to the Corporation Counsel on September 26. On October 17, 1911, this communication was answered, the Corporation Counsel stating that the method outlined in his previous opinion was the only method for the granting of the right applied for, it being held that over the portion of the conduit owned by the Company on private property the City has no control, but that in relation to those portions in the public streets the Company should be required to demand of the Consolidated Telegraph Company the construction of subways crossing the three streets mentioned where the conductors of the Riverside Company are at present located, or where it is proposed to locate them, and that until such subways are constructed the Riverside Company may be permitted to continue its present method of operation.

After the receipt of the first opinion, a communication was received from Messrs. Beardsley, Hemmens & Taylor, dated September 21, stating, among other things, that the Consolidated Telegraph and Electrical Subway Company is willing to construct ducts for the Riverside Company, should the franchise applied for by it be granted.

New York Edison Company—On August 2, 1911, Messrs. Beardsley, Hemmens & Taylor, on behalf of the New York Edison Company, submitted a formal protest against the granting of "an electric light franchise" to the Riverside Company, and stated that they desire to be heard on the matter when the application comes up for consideration.

A copy of this report will be transmitted to Messrs. Beardsley, Hemmens & Taylor before the meeting at which the same is presented.

Communications with Other Departments—The President of the Borough of Manhattan and the Commissioner of Water Supply, Gas and Electricity have been communicated with, to ascertain if they had any objections to the granting of the application, or if there were any conditions which they desired inserted in the proposed form of contract to govern the grant. Both officials have replied to the effect that there are no objections to the granting of the application upon the usual conditions.

Proposed Form of Contract—Conditions.

Term—The term suggested in the proposed form of contract submitted with this report is from the date on which the contract is signed by the Mayor to and until March 7, 1926, with the privilege of renewal for a further period of ten (10) years. This limitation will make the expiration of the present proposed contract the same as that of the contract legalizing and authorizing the maintenance of the refrigeration pipes for which the Conron Bros. Company for itself has obtained a franchise, as before stated.

Limitation on Operations of Company—The right asked for by the Company includes the privilege of extending for about 125 feet into West 131st street, east of 12th avenue. This the Company desires only for the purpose of connecting its customers west of 12th avenue, to which territory the operations of Conron Bros. Company are at present restricted, with any new plant which it may have to construct in 131st street, upon the expiration of the lease of the present plant, discussed herein. It is asserted by the attorney for the Riverside Company that it is not desired to have it infringe upon the territory of any other electrical company (the New York Edison Company and the United Electric Light and Power Company at present carrying on operations in this locality), it only being proposed to retain and continue the supplying of its present customers. This appeared to me to be a reasonable proposition, and in addition I do not believe that the Company should be placed in the position of a competitor with the existing electric companies in so small a territory. The proposed form of contract, therefore, contains a limitation on the grant of the franchise, which prohibits the Company from supplying consumers east of 12th avenue.

Compensation—The compensation suggested for the privilege applied for by the Company is an initial sum of five hundred dollars ($500), an annual sum of not less than two (2) per cent. until March 7, 1916, three (3) per cent. for the succeeding five years, and five (5) per cent. during the remaining five years of the original term of the contract, with minimums of one hundred dollars ($100), one hundred and seventy-five dollars ($175), and two hundred and fifty dollars ($250). These percentages are somewhat higher than those imposed in the franchise to the Flatbush Gas Company, heretofore granted, but are made larger because of the fact that the electric conduit has been in existence and in operation for so many years previous to the present date, without even apparent authority.

No moneys are being charged for past use and occupation, as such charge was made in the franchise for refrigerating pipes given to Conron Bros. Company, as stated in the report of this Bureau on that matter, presented to the Board December 9, 1910.

The minimums suggested approximate very closely to the actual percentages on the present receipts of the Company, which, it is claimed, will be very unlikely to increase during the term of the franchise, as it is said that at the present time Conron Bros. Company is supplying electricity to all the consumers within the territory covered by this contract, who have use for the same.

Conduits—The opinions of the Corporation Counsel heretofore mentioned have been followed in drafting the provision relating to the present conduits used by the Company. The territory in which the Company has requested permission to operate adjoins the New York Central and Hudson River Railroad between 129th street and 134th street, and the plant at present used for generating electricity is located on leased property. As before stated the greater part of the existing conduit of the Company is on the right-of-way of the New York Central, and it is probable that in the course of a few years that railroad will be elevated in this section, with results in relation to its right-of-way that cannot now be exactly determined. In addition it is possible that the lease of the premises in which the plant is at present may not be renewed, and the Conron Bros. Company, in anticipation of such a contingency, has acquired a plot of land on the north side of 131st street, east of 12th avenue, on which to build a plant in lieu of that at present used by it. If such plant is built, it is proposed to move the electrical generators and other machinery to the same, and it would then become necessary to have an additional conduit to connect such new generating station with the customers of the Company, all of whom are situated west of 12th avenue. In relation to this and other additional conduits that might become necessary, the attorney for the Company agreed to a provision requiring it to place its wires in the subways of the Consolidated Telegraph and Electrical Subway Company, but called attention to the necessity for the immediate construction which would be required if the lease of the present premises is not renewed, as a delay on the part of the Consolidated Company in such case could very easily prove absolutely fatal to the Company's business. He therefore suggested that, should the Consolidated Company neglect or fail to construct the subways asked for within a period of six months, the Riverside Company be given the right to construct the same.

The request appeared reasonable, and I agreed to recommend to the Board that, upon failure of the Consolidated Company to construct such subways and place them at the disposal of the Riverside Company within six months after demand, that the Riverside Company, with the further consent of the Board, be permitted to construct the same, subject, however, after construction, to purchase by the Consolidated Company, or, should the City acquire or lay out a subway system in the Borough of Manhattan, then by the City. This was agreeable to the attorney for the Company, and a provision in that form has therefore been inserted.

Security Fund—The security suggested is five hundred dollars ($500), which, I believe, will fully protect the interests of the City in case of any default by the Company, and which is twice in amount of the highest annual sum imposed on the Company by the proposed form of contract.

Other Provisions—The other provisions suggested are those which are generally used in franchise contracts of like character, and such as are required by the Greater New York Charter, modified to such extent as to fit this particular situation.

Should the Board feel disposed to grant the franchise in the form proposed, I would suggest that it submit the form of contract transmitted herewith to the Corporation Counsel, for his approval as to form, and to insert therein such matter as he may deem necessary to fully protect the interests of the City. A date may then be set for final public hearing, when a resolution granting the said franchise can be adopted. Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

Synopsis of Proposed Form of Contract.

Section 1:

Grant of franchise.

Section 2:

First—Term of grant.
Second—Compensation.
Third—Annual charges to continue for whole term of contract.
Fourth—Contract not exclusive.
Fifth—Assignment of rights and privileges without consent of Board prohibited.
Sixth—Reversion of property at end of term.
Seventh—Supervision of local authorities: To apply to Consolidated Subway Company for accommodation.
Eighth—Plant and conductors to be constructed and maintained in latest approved manner
Ninth—Company, on demand, to furnish current to any public building or street lamp within territory.
Tenth—Company to file map with Board yearly.
Eleventh—Company to bear entire expense of work.
Twelfth—Rates to be charged by Company.
Thirteenth—Board to have power to regulate rates.
Fourteenth—Company to extend service to applicants within territory; penalties for failure to do so.
Fifteenth—Company to assume all liability by reason of construction or operation of system.
Sixteenth—Annual report to be furnished to Board.
Seventeenth—Annual report to be furnished to Comptroller.
Eighteenth—Contract may be forfeited for violation or breach.
Nineteenth—Penalties for failure to observe conditions of contract.
Twentieth—Security fund.
Twenty-first—Definition of words "notice" and "direction."
Twenty-second—Devolution of powers—Company to be subject to new authority to same extent as old.
Twenty-third—Grant subject to right of abutting owners.
Twenty-fourth—Definition of "streets" and "avenues."

Section 3:

Jurisdiction of Public Service Commission not limited.

Section 4:

Covenant of Company.

Proposed Form of Contract.

This contract made this day of 191 , by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and the Riverside Light & Power Company, a corporation formed under and pursuant to the laws of the State of New York (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1. The City hereby grants to the Company, subect to the conditions and provisions hereinafter contained, the right and privilege to lay, construct, maintain and operate suitable wires or other electrical conductors in conduits, for the purpose of supplying electrical current for light, heat and power, said conductors to be laid, constructed, maintained and operated only within that portion of the Borough of Manhattan bounded and drescribed as follows:

Beginning at the intersection of the centre line of West 129th street with the easterly line of the marginal street, wharf or place, as adopted by the Commissioner of Docks February 27, 1907, approved by the Commissioners of the Sinking Fund April 3, 1907, and laid down on the maps of the Department of Docks and Ferries; thence northeasterly along the easterly line of the said marginal street, wharf or place to its intersection with the centre line of West 134th street; thence easterly along the centre line of West 134th street to its intersection with the centre line of 12th avenue; thence southerly along the centre line of 12th avenue to its intersection with the northerly line of West 131st street; thence easterly along the northerly line of West 131st street to a point 125 feet east of the easterly line of 12th avenue; thence southerly from the said point on the northerly line of West 131st street, 125 feet east of the easterly side of 12th avenue to the centre of West 131st street, the same distance from 12th avenue; thence westerly from the said point in the centre of West 131st street, 125 feet east of the easterly line of 12th avenue to the centre line of 12th avenue; thence southerly along the centre line of 12th avenue to its intersection with the centre line of West 129th street; thence westerly along the centre line of West 129th street to the easterly line of the marginal street, wharf or place, at the point or place of beginning. Said boundaries and district being more particularly shown by a red line on the map or plan attached to this contract, dated May 16, 1911, and signed by Joseph Conron, President of the Company, and made a part hereof.

It is, however, understood and agreed that the Company shall have no right to carry on the business of furnishing electricity for light, heat or power in the blocks abutting on West 131st street east of 12th avenue, but that any wires or conductors laid by it in said street shall only be for the purpose of connecting the plant which it proposes to construct in the block on the north side of said street with the territory above described west of the centre line of 12th avenue, for the purpose of supplying consumers therein.

Sec. 2. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The said right to lay, construct, maintain and operate said conductors and appurtenances shall be held and enjoyed by the Company from the date on which this contract is signed by the Mayor to and until March 7, 1926, with the privilege of renewal of said contract for the further period of ten (10) years, upon a fair revaluation of such right and privilege.

If the Company shall determine to exercise its privilege of renewal, it shall make application to the Board, or any authority which shall be authorized by law to act for the City in place of the Board. Such application shall be made at any time, not earlier than two years and not later than one year before the expiration of the original term of this contract. The determination of the revaluation shall be sufficient if agreed to in writing by the Company and the Board, but the annual sum to be paid by the Company to the City under such renewal shall not be less than the sum required to be paid during the last year of the original term of this contract.

If the Company and the Board shall not reach such agreement on or before the day one year before the expiration of the original term of this contract, then the annual rate of compensation for such succeeding ten (10) years shall be reasonable, and either the City (by the Board) or the Company shall be bound, upon request of the other, to enter into a written agreement with such other fixing the rate of such compensation at such amount as shall be reasonable, but no annual sum thus fixed

shall in any event be less than the sum required to be paid by the Company to the City during the last year of the original term of this contract, and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate at such amount as shall be determined by three disinterested freeholders, selected in the following manner:

One disinterested freeholder shall be chosen by the Board; one disinterested freeholder shall be chosen by the Company; these two shall choose a third disinterested freeholder, and the three so chosen shall act as appraisers and shall make the revaluations aforesaid. Such appraisers shall be chosen at least six months prior to the expiration of the original term of this contract, and their report shall be filed with the Board within three months after they are chosen. They shall act as appraisers and not as arbitrators. They may base their judgment upon their own experience, and upon such information as they may obtain by inquiries and investigations without the presence of either party. They shall have the right to examine the books of the Company and its officers under oath. The valuations so ascertained, fixed and determined shall be conclusive upon both parties, but no annual sum to be paid thereunder shall in any event be less than the sum required to be paid for the last year of the original term of this contract. If, in any case, the annual rate shall not be fixed prior to the termination of the original term of this contract, then the Company shall pay the annual rate theretofore prevailing until the new rate shall be determined, and shall then make up to the City the amount of any excess of the annual rate then determined over the previous annual rate. The compensation and expenses of the said appraisers shall be borne jointly by the City and the Company, each paying one-half thereof.

Second—The Company shall pay to the City for the privilege hereby granted, the following sums of money :

1. The sum of five hundred dollars ($500) for the privilege hereby granted within thirty (30) days after the signing of this contract by the Mayor.

2. During the period between the date on which this contract is signed by the Mayor and March 7, 1916, an annual sum which shall in no case be less than one hundred dollars ($100) and which shall be equal to two (2) per cent. of the gross recepits of the Company, if such percentage shall exceed the sum of one hundred dollars ($100).

3. During the succeeding five years of this original contract an annual sum which shall in no case be less than one hundred and seventy-five dollars ($175) and which shall be equal to three (3) per cent. of the gross receipts of the Company, if such percentage shall exceed the sum of one hundred and seventy-five dollars ($175).

4. During the last five years of this original contract, an annual sum which shall in no case be less than two hundred and fifty dollars ($250) and which shall be equal to five per (5) per cent. of the gross receipts of the Company if such percentage shall exceed the sum of two hundred and fifty dollars ($250).

All annual sums as above shall be paid into the treasury of the City on February 1 of each year, and shall be for the amount due to December 31 next preceding.

Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before February 1 in each year for the year ending December 31 next preceding.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid by any ordinance of the City or resolution of the Board, or any law of the State of New York.

Third—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal) notwithstanding any clause in any statute or in the charter of any other company providing for payments for similar rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted (whether original or renewal), or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all conditions of this contract, and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof or otherwise exemption from liability to perform each and all of the conditions of this contract.

Fourth—Nothing in this contract shall be deemed to affect in any way the right of the City to grant to any individual, firm or other corporation a similar right or privilege upon the same or other terms and conditions, in the same streets and avenues, or within the district hereinbefore described.

Fifth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Sixth—Upon the termination of this original contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the conductors and appurtenances, including conduits, if any, of the Company, constructed or maintained pursuant to this contract within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company, or individual.

If, however, at the termination of this contract, as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board remove any and all of its conductors and appurtenances, including conduits, if any, constructed or maintained pursuant to this contract and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Seventh—The Company shall construct and operate its electric system subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City, and shall bear the expense of all inspection by such authorities, and of the inspection of all work of construction.

Within thirty (30) days after the signing of this contract by the Mayor, the Company shall apply to the Commissioner of Water Supply, Gas and Electricity for leave to place its wires or conductors underground, in or across the streets, where they are now laid or where it is proposed to locate them, and shall also demand of the Consolidated Telegraph and Electrical Subway Company space in its condiuts or subway crossing Manhattan street, West 131st street and West 132d street at these points, in which to place the existing wires or conductors, or if no such conduits or subways have been built by the Subway Company which will accommodate these wires or conductors, then that the said Subway Company be required to build the same across the said streets where the said wires or conductors are now laid or where it is proposed to locate them.

If there be no conduits or subways of the Subway Company for the accommodation of the existing wires or conductors of the Company crossing the streets at these points, it shall have the right to maintain said wires or condutcors as at present maintained and operated until such new conduits or subways are placed at its disposal by the Subway Company for use and occupation, whereupon the Company agrees and binds itself to discontinue the use of its present electric conduits in the public streets and to place its said wires or conductors in such conduits or subways of the Consolidated Telegraph and Electrical Subway Company.

All other or additional wires or conductors of the Company shall be placed in conduits or subways to be leased from the Consolidated Telegraph and Electrical Subway Company, or from the City, should it succeed to the rights of such company, provided, however, that should the said Consolidated Company within six (6) months after notice and demand neglect or refuse to construct such conduits or subways as are necessary and to place the same at the disposal and use of the Company, the Company, with the further consent of the Board, may construct such conduits or subways as are necessary for use by its own wires or conductors. Any such subways or conduits constructed by the Company shall be transferred to the Consolidated Telegraph and Electrical Subway Company, or the City, on payment to the Company of the reasonable cost thereof, and the Company agrees and binds itself to so transfer any such conduits or subways upon payment therefor by the Subway Company or the City.

Eighth—The electric plant, conduits, wires, conductors, connections and all appurtenances thereto, shall be constructed, maintained and operated in the latest approved manner, and with the most modern and improved appliances.

Ninth—The Company shall, upon being directed to do so by the Commissioner of Water Supply, Gas and Electricity, extend its wires and condutcors and furnish light, heat or power to any public building or street lamp within the territory herein described.

Tenth—The Company shall file with the Board on the first day of February in each year a map or plan upon which shall be plainly indicated the number of wires which are in use by the Company on December 31 of the preceding year, the streets in which the same are located, and also those which were put in use during the preceding year.

Eleventh—It is a condition of this contract that the Company shall bear the entire expense of all work undertaken by reason of this grant, by the Company.

Twelfth—The rates to be charged shall never be in excess of those authorized by the laws hereafter enumerated, and its is agreed that the same may be altered or changed by the Board as hereinafter provided.

For electricity furnished to the City, the Company shall not charge higher rates than those authorized by chapter 733 of the Laws of 1905, as amended by chapter 390 of the Laws of 1906, and chapter 479 of the Laws of 1910.

For electricity furnished to other consumers, the Company shall not charge higher rates than those authorized by chapter 732 of the Laws of 1905, as amended by chapter 616 of the Laws of 1906.

The Company also agrees that if in the future any new or improved style of street lighting is available for use, it will furnish the same at such reasonable prices as may be fixed by the Board, subject to the provisions of this contract.

Thirteenth—During the term of this contract, or any renewal thereof, the Board shall have the power to regulate and fix the maximum and minimum rates to be charged by the Company throughout the territory in which it is hereby granted the right to operate, provided such rates shall be reasonable and fair.

The maximum rates herein fixed for electricity furnished by the Company shall continue until March 7, 1916, at which time and at the end of each period of five years thereafter during the term of the contract or any renewal thereof, the Board shall have the power to readjust such rates, provided the same shall not exceed those fixed by law or be unreasonable or unfair to the Company.

Fourteenth—The Company shall upon request from any individual, company or corporation, occupying premises in the territory covered by this contract, not in arrears to it for services already rendered, and who has not agreed with any previous occupier of the premises occupied by such individual, company or corporation, to assume the payment of any moneys due by such previous occupier to the Company, extend its conductors to the premises of such individual, company or corporation, and supply current for light, heat or power or any or all of such purposes; provided that it shall not be required to so extend its conductors where the ground in which the same are to be laid shall be frozen, during the period in which the said frozen condition shall continue.

The Company shall not require or receive any deposit or advance payment in excess of what is reasonably necessary to insure payment of current bills, and on such amounts so paid the Company shall pay interest at the statutory rate. Any consumer or person who desires to be connected with the conductors of the Company can apply to the Board to compel the Company in compliance with the provisions of this contract, to connect with and furnish electricity to such consumer or person, and all orders of the Board made on the request of any such consumer or person shall be complied with by the Company.

The provisions of section 62 of the Transportation Corporations Law fixing a penalty for failure of any electric company to extend its service to an applicant, and of this subdivision of the contract requiring the payment of interest on deposits made by consumers, may, in the event of the refusal of the Company to comply with any order of the Board, on complaint made in regard thereto, be deducted from the security fund to be deposited with the Comptroller, as hereinafter provided, and the Comptroller is authorized to deduct the amount from the said fund and pay the same to the claimant, on being directed to do so by the Board.

Fifteenth—The Company shall assume all liability to persons or property by reason of the construction or operation of the system authorized by this contract, and it is a condition of this contract that the City shall assume no liability whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or defaults of the Company.

Sixteenth—The Company shall submit to the Board a report not later than February 1 of each year, for the year ending December 31 next preceding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt as by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt
9. The average rate of interest per annum on funded debt.
10. Statement of dividends paid during year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the stockholders of the Company held for that purpose.
13. Cost of underground conductors and appurtenances, including conduits if any to the year preceding and moneys expended on same during year.
14. Present value of said conduits and appurtenances, based on cost and depreciation.
15. Miles of conductors.
16. Amount of electricity in kilowatts furnished to consumers other than City, number and kind of lamps, motors and heaters supplied with same and amount received therefor.
17. Amount of electricity furnished to the City, in kilowatts, number and kind of lamps, motors and heaters supplied with same and amount received therefor.
18. Total receipts from sales of electricity.
19. Operating expenses, interest and other charges.
20. Net earnings and surplus from such sales.
21. Cost of furnishing electricity per kilowatt.
22. Balance sheet for year.
23. Amounts paid by Company, for damages to persons or property on account of construction and operation.

—and such other information in regard to the business of the Company as may be required by the Board.

Seventeenth—The Company shall at all times keep accurate books of account and shall, on or before February 1 in each year, make a verified report to the Comptroller of the City of the business done by the Company for the year ending December 31 next preceding. Such report shall contain a statement of the gross receipts from all business done by the Company in the territory in which it is authorized to operate by this contract, together with such other information and in such form and detail as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Eighteenth—In case of any violation or breach or failure to comply with any of the provisions of this contract, the same may be forfeited by a suit brought by the Corporation Counsel on notice of ten days to the Company, or at the option of the Board, by resolution of said Board, which said resolution may contain a provision to the effect that all property constructed and in use by virtue of this grant shall thereupon become the property of the City without proceedings at law or in equity.

If for a period of two consecutive weeks the electric system of the Company shall not be operated, the Board may declare the right and franchise granted by this contract terminated without further proceedings at law or in equity, if it shall appear in the judgment of said Board that the same was not operated through the fault of the Company. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Nineteenth—If the said Company shall fail to give efficient public service at the rates herein fixed, or fail to maintain its structures in good condition throughout the full term of its occupancy of such streets, or fail to comply with any provision of this contract, except as hereinafter otherwise provided, the Board, if it so elects, instead of commencing proceedings to terminate this contract may give written notice to the said Company, specifying any default on the part of said Company, and requiring said Company to remedy the same within a reasonable time, and upon the failure of the Company to remedy said default within a reasonable time, said Company shall for each day thereafter during which the default or defect remains, pay to the City the sum of fifty dollars ($50) as fixed and liquidated damages, or the said City, in case such structures which may affect the surface of the streets shall not be put in good condition within a reasonable time after notice by the Board, as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the said Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, and in default of such payment, the same shall be a proper charge against and may be deducted from the security fund to be deposited with the Comptroller as hereinafter provided.

Twentieth—This grant is upon the express condition that the Company, within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred thereby, shall deposit with the Comptroller of the City the sum of five hundred dollars ($500), either in money or securities to be approved by him, which fund shall be security for the performance by the Company of the terms and conditions of this contract, especially those which relate to the payment of the annual charge for the franchise granted; and in case of such default in the annual payment, the City shall collect the same, with interest, from the said fund after ten (10) days' notice in writing to the said Company. In case of the failure of the Company to comply with the terms of this contract relating to the filing of annual statements, or its neglect or refusal to comply with any demand or direction of the Board or other municipal officials, made pursuant to the terms of this contract, or under the authority of any laws or ordinances now or hereafter in force, in such case and in any of these events, the Company, except as herein otherwise provided, shall pay to the City a penalty of fifty dollars ($50) for each violation.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on its own motion or on complaint made, shall give notice to the Company, directing its President or other officer to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalties, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him.

In case of any drafts made upon the security fund, the Company shall, upon ten (10) days' notice in writing, pay to the City a sum sufficient to restore said security fund to the original amount of five hundred dollars ($500), and in default thereof this contract shall be canceled and annulled at the option of the Board, acting in behalf of the City, in the same manner as elsewhere provided herein. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Twenty-first—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or, if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided, shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Twenty-second—If at any time the powers of the Board or any other of the authorities herein mentioned, or intended to be mentioned, shall be transferred by law to any other Board, authority, officer or officers, then, and in such case, such other Board, authority, officer or officers shall have the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Twenty-third—The grant of this privilege is subject to whatever right, title or interest the owners of abutting property or others may have in and to the streets, avenues and highways of the territory in which the Company is authorized to operate by this contract.

Twenty-fourth—The words "streets and avenues," or "streets or avenues," when and where used, shall be deemed to mean and include any and all streets, avenues, roads, highways, boulevards, parkways, parks and public places.

Sec. 3. Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the Laws of the State of New York.

Sec. 4. The Company promises, covenants and agrees on its part and behalf to conform to and abide by and perform all the terms, conditions and requirements in this contract fixed and contained, in addition to all provisions of law pertinent hereto.

In witness whereof, the party of the first part, by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed, and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed and its corporate seal to be hereunto affixed, the day and year first above written.

THE CITY OF NEW YORK,

[CORPORATE SEAL.] By....., Mayor.

Attest: ....., City Clerk.

RIVERSIDE LIGHT & POWER COMPANY,

[CORPORATE SEAL.] By....., President.

Attest: ....., Secretary.

(Here add acknowledgments.)

Charles E. Kelly, Counsel for the Company, appeared in favor.

The following was offered:

Whereas, The Riverside Light & Power Company has made application to the Board of Estimate and Apportionment for a franchise to construct, maintain and operate conduits and conductors for supplying electricity for light and power in a limited district of the Borough of Manhattan, bordering on the Hudson River, between 129th and 134th streets; and

Whereas, On July 6, 1911, a public hearing was had upon the aforesaid petition, and

Whereas, An inquiry has been conducted and a report has been received from the Bureau of Franchises proposing certain terms and conditions to govern the grant; now, therefore, be it

Resolved, That this Board adopt such inquiry as the inquiry of the Board, and tentatively approve the terms and conditions as proposed in the form of contract submitted with the report from the Bureau of Franchises; and be it further

Resolved, That the form of contract be referred to the Corporation Counsel for approval as to form and to incorporate therein such matter as he deems advisable to fully protect the interests of the City.

Which was adopted by the following vote:

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

New York Magnaphone and Music Company.

In the matter of the petition of the New York Magnaphone and Music Company, for a franchise to construct, maintain and operate electric wires with the necessary branches under and along the public streets, avenues and highways within the Borough of Manhattan and the portion of the Borough of The Bronx, west of the Bronx River, for the purpose of distributing music and matters of general interest and amusement electrically by means of a magnaphone.

By resolution adopted October 11, 1911, the proposed form of contract was tentatively approved and referred to the Corporation Counsel for his approval as to form and to incorporate therein such matter as he deemed advisable to fully protect the interest of the City.

The Secretary presented the following:

Law Department—Office of the Corporation Counsel, New York, October 19, 1911.

Board of Estimate and Apportionment:

Sirs—I have received from you the following communication dated October 11, 1911, signed by Joseph Haag:

"I transmit herewith certified copy of resolution this day adopted by the Board of Estimate and Apportionment tentatively approving the terms and conditions to govern the grant of a franchise to New York Magnaphone and Music Company, and referring the form of contract to the Corporation Counsel for approval as to form.

"You are requested to incorporate such matter in the form of contract as you may deem advisable to fully protect the interest of the City.

"Enclosed herewith is a copy of the report of the Bureau of Franchises on said petition with the form of contract attached."

I have carefully examined the proposed form of franchise grant, and have the following suggestions to offer:

Section 1, line two, the word "rights" should be changed to "right."

Subdivision 6th of Section 2, the words "or if the same be renewed then at the termination of the said renewal term," should be omitted, it being expressly provided in the contract that no privilege of renewal was granted.

Subdivision 18th, Section 2, should read: "and if the company shall fail to give efficient public service at reasonable rates or at the rates herein fixed or at the rates which may be hereafter fixed by the Board, or fail, etc."

In the 6th line of Subdivision 23, of Section 2, the word "railway" should be omitted, and the words "wires and electrical conductors" should be substituted.

The contract if so amended will have my approval as to form.

Yours respectfully, C. D. OLENDORF, Acting Corporation Counsel.

Bureau of Franchises, October 20, 1911.

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

Sir—On October 11, 1911, the Board adopted a resolution tentatively approving the terms and conditions of a proposed form of contract submitted with a report of the Bureau of Franchises upon the application of the New York Magnaphone and Music Company for the right to construct, maintain and operate electric wires with the necessary branches thereto in the streets and public places of the City for the purpose of distributing music and matters of general interest and amusement electrically by means of a magnaphone. The contract was also on that date referred to the Corporation Counsel for his approval as to form and to incorporate therein such matters as he deems advisable to fully protect the interests of the City.

Under date of October 19, 1911, the Corporation Counsel returns the Contract and makes the suggestion that four changes be made in the form of contract as submitted to him. The changes proposed relate entirely to the phraseology of the contract and do not alter the intended meaning thereof. He states that with these corrections made, the contract will receive his approval as to form. The contract therefore has been amended as suggested by the Corporation Counsel and is re-submitted herewith.

Should the Board see fit to grant the franchise, it is suggested that it adopt a resolution placing the contract on the minutes of the Board for thirty days and fixing December 7, 1911, as the date for the final public hearing, notice of which must be published in the newspapers, as required by law. After this has been done, the Board may take final action in relation to the franchise. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following was offered:

Whereas, The New York Magnaphone and Music Company has under date of June 29, 1911, made application to this Board for the grant of the right, privilege or franchise to lay, construct, maintain and operate electric wires with the necessary branches under and along the streets, avenues and public places of The City of New York for the purpose of distributing music and matters of general interest and amusement electrically by means of a magnaphone; and

Whereas, Sections 72, 73 and 74 of the Greater New York Charter, as amended by chapters 629 and 630 of the Laws of 1905, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on July 6, 1911, fixing the date for a public hearing thereon as September 21, 1911, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the "Evening Mail" and the "Globe," newspapers designated by the Mayor, and in the CITY RECORD for ten (10) days immediately prior to the date of hearing, and the public hearing was duly held on such day; and

Whereas, This Board has made inquiry as to the money value of the franchise or right applied for and proposed to be granted to The New York Magnaphone and Music Company and the adequacy of the amount of compensation to be paid therefor; now, therefore, it is

Resolved, That the following form of resolution for the grant of the franchise or right applied for by The New York Magnaphone and Music Company, containing the form of proposed contract for the grant of such franchise or right, be hereby introduced and entered in the minutes of this Board, as follows, to wit:

Resolved, That the Board of Estimate and Apportionment hereby grants to The New York Magnaphone and Music Company the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all the terms and conditions, including the provisions as to rates and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of The City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

Proposed Form of Contract.

This contract, made this day of , 19 , by and between The City of New York (hereinafter called the City), party of the first part, by the Mayor of said City, acting for and in the name of said City, under and in pursuance of the authority of the Board of Estimate and Apportionment of said City (hereinafter called the Board), and The New York Magnaphone and Music Company (hereinafter called the Company), party of the second part, witnesseth:

In consideration of the mutual covenants and agreements herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1—The City hereby grants to the Company, subject to the conditions and provisions hereinafter set forth, the right or privilege to lay, construct, maintain and operate suitable wires or other electrical conductors in the conduits under the streets and avenues within the territory comprised in the Borough of Manhattan and that part of the Borough of The Bronx west of the Bronx River; such wires to connect only the premises of subscribers with the central stations of the Company and to be used for the purpose of maintaining a system whereby music and information in relation to matters of general interest may be distributed electrically from the central stations of the Company to two or more subscribers simultaneously and for no other purpose whatsoever.

Section 2—The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The rights and privileges herein granted shall not be construed to in any way give the Company the right or privilege to engage in a business permitting communication between subscribers and this contract is entered into on the mutual and express understanding and agreement by and between the parties hereto that the Company will not in any way engage in a business which will permit communication between its subscribers or claim the right so to do under this contract and the right and privilege herein and hereby granted and conferred; it being understood that this is not a grant to do a telephone business within the general accepted meaning of the term.

Second—The said right to lay, construct, maintain and operate wires or other electrical conductors in conduits for the purpose aforesaid shall be held and enjoyed by the Company for the term of twenty-five (25) years from the date upon which this contract is signed by the Mayor, without any privilege of renewal thereof.

Third—The Company shall pay to the City for the privilege hereby granted the following sums of money:

(a) The sum of five thousand dollars ($5,000) in cash within three (3) months after the date on which this contract is signed by the Mayor, and before anything is done in exercise of the privilege hereby granted.

(b) During the first term of five (5) years an annual sum, which shall in no case be less than two thousand five hundred dollars ($2,500), and which shall be equal to three (3) per cent. of its gross annual receipts if such percentage shall exceed the sum of two thousand five hundred dollars ($2,500).

During the second term of five (5) years an annual sum, which shall in no case be less than three thousand five hundred dollars ($3,500), and which shall be equal to three (3) per cent. of its gross annual receipts, if such percentage shall exceed the sum of three thousand five hundred dollars ($3,500).

During the third term of five (5) years an annual sum, which shall in no case be less than five thousand dollars ($5,000), and which shall be equal to three (3) per cent. of its gross annual receipts, if such percentage shall exceed the sum of five thousand dollars ($5,000).

During the fourth term of five (5) years an annual sum, which shall in no case be less than seven thousand five hundred dollars ($7,500), and which shall be equal to four (4) per cent. of its gross annual receipts, if such percentage shall exceed the sum of seven thousand five hundred dollars ($7,500).

During the remaining term of five (5) years an annual sum, which shall in no case be less than ten thousand dollars ($10,000), and which shall be equal to five (5) per cent. of its gross annual receipts if such percentage shall exceed the sum of ten thousand dollars ($10,000).

The gross annual receipts mentioned above shall be the gross receipts of the Company from all sources within the Borough of Manhattan and the portion of the Borough of The Bronx lying westerly of the Bronx River.

The annual charges shall commence from the date upon which this contract is signed by the Mayor.

All annual charges, as above, shall be paid into the treasury of the City on November 1 of each year, and shall be for the amount due to September 30 next preceding. Provided, that the first annual payment shall be only for that proportion of the first annual charge as the time between the date upon which this contract is signed by the Mayor and September 30 following, shall bear to the whole of one year.

Whenever the percentage required to be paid shall exceed the minimum amount as above, then such sum over and above such minimum shall be paid on or before November 1 in each year for the year ending September 30 next preceding.

Any and all payments to be made by the terms of this contract to the City by the Company shall not be considered in any manner in the nature of a tax, but such payments shall be made in addition to any and all taxes of whatsoever kind or description, now or hereafter required to be paid by any ordinance of the City, or resolution of the Board, or any law of the State of New York.

Fourth—The annual charges or payments shall continue throughout the whole term of this contract, notwithstanding any clause in any statute or in the charter of any other company providing for payment for similar rights or franchises at a different rate, and no assignment, lease or sublease of the rights or privileges hereby granted, or of any part thereof, shall be valid or effectual for any purpose unless the said assignment, lease or sublease shall contain a covenant on the part of the assignee or lessee that the same is subject to all the conditions of this contract; and that the assignee or lessee assumes and will be bound by all of said conditions, and especially said conditions as to payments, anything in any statute or in the charter of such assignee or lessee to the contrary notwithstanding, and that the said assignee or lessee waives any more favorable conditions created by such statute or its charter, and that it will not claim by reason thereof, or otherwise, exemption from liability to perform each and all of the conditions of this contract.

Fifth—The rights and privileges hereby granted shall not be assigned, either in whole or in part, or leased or sublet in any manner, nor shall the title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in anywise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents.

Sixth—Upon the termination of this original contract, or upon the termination of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the wires, electrical conductors and other property of the Company constructed pursuant to this contract within the streets and avenues shall become the property of the City without cost, and the same may be used or disposed of by the City for any purpose whatsoever, or the same may be leased to any company or individual.

If, however, at the termination of this contract, as above, the Board shall so order by resolution, the Company shall, upon thirty (30) days' notice from the Board, remove any and all of its wires, electrical conductors and other property, or any portion thereof, constructed pursuant to this contract, and the said streets and avenues shall be restored to their original condition at the sole cost and expense of the Company.

Seventh—Said wires, electrical conductors and other property shall be constructed, maintained and operated subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City.

No construction shall be commenced by the Company until written permits therefor have been obtained from the proper City officials.

In any permits so issued such officials may also impose such conditions, as a condition of the granting of the same, as are necessary for the purpose of protecting any structures, in the streets and avenues, over which such officials have jurisdiction, and the Company shall comply with such conditions.

Eighth—All wires or other electrical conductors of the Company laid pursuant to this contract shall be placed in ducts, conduits or subways (referred to in this paragraph as subways). Such subways shall be leased from the company or companies having control thereof under the provisions of law, or from the City should it succeed to the rights of such company or companies. If the City shall construct or acquire subways for electrical conductors in the Borough of Manhattan or the portion of the Borough of The Bronx west of the Bronx River, the Company hereby agrees to lay its wires and electrical conductors in such subways, and the City agrees to lease to the Company during the term of this contract such space as may be required for the business herein authorized.

Ninth—The Company shall, upon request from any individual or corporation occupying or owning premises in the territory in which the Company is operating, not in arrears to it for service already rendered, extend its wires to such premises and furnish its service to such individual or corporation, provided that such premises are not more than one-half (½) mile from any other premises in which the Company has its apparatus installed at the time such request is made.

Tenth—The Company shall file with the Board on the first day of November in each year a map or plan upon which shall be plainly indicated the number of wires which are used by the Company on the thirtieth day of September next preceding, and the streets and avenues in which the same are located, and also those which were put in during the preceding year.

Eleventh—The Company shall commence the operation of its system of distribution of music and matters of general interest, as herein authorized, within six (6) months from the date on which this contract is signed by the Mayor, and shall have in operation the apparatus for the delivery of such service at one thousand (1,000) points upon subscriber's premises within five (5) years from the date on which this contract is signed by the Mayor, otherwise this grant shall cease and determine.

Twelfth—The Board may, by resolution, direct the Company to install its apparatus and necessary appurtenances thereto in any or all of the free wards of Bellevue and Allied Hospitals, and in the assembly halls of any or all of the public schools within the portion of the City for which a franchise is hereby granted. Upon notice by the Board to the Company that any such resolution has been adopted the Company shall install such apparatus and the necessary appurtenances thereto, free of charge, and shall furnish service, as directed, at one-half the regular rates charged by the Company for similar service, provided that the Company shall not be required to extend its wires for the purpose of connecting with such hospitals or schools a distance greater in any case than one-half (½) mile.

Thirteenth—It is agreed that the Board shall have absolute power to regulate all charges or rates for services rendered by the Company to subscribers pursuant to this contract, provided that such rates shall be reasonable and fair, but the Company shall not at any time within the term of this contract charge more than twenty dollars ($20) per month for an unlimited music service.

Fourteenth—The Company shall not require nor receive from its subscribers any deposit or advance payment in excess of the cost to it of apparatus leased or furnished to the subscriber on his premises, and of what is reasonably necessary to insure payment of current bills, and on such amounts so paid the Company shall pay interest at the statutory rate whenever such money is held for more than one month. Unpaid bills shall never be charged against property unless due from the owner thereof, and no person not himself in arrears shall be denied service because any previous occupant of the same premises is in arrears to the Company for service.

Fifteenth—The wires of the Company shall be employed for no other purpose than those explicitly set forth herein, and the Company binds itself not to lay, use, lease or operate wires for illegal purposes.

Sixteenth—The Company shall assume all liability to persons or property by reason of the construction or operation authorized by this contract, and it is a condition of this contract that the City shall assume no liabillty whatsoever to either persons or property on account of the same, and the Company hereby agrees to repay to the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Seventeenth—It is a condition of this contract that the Company shall bear the entire expense of all work undertaken by reason of this grant.

Eighteenth—If the Company shall fail to give efficient public service at reasonable rates or at the rates herein fixed, or at the rates which may be hereafter fixed by the Board, or fail to maintain its structures and equipment as herein provided in good condition throughout the whole term of this contract, the Board may give notice to the Company specifying any default on the part of the Company, and requiring the Company to remedy the same within a reasonable time; and upon failure of the Company to remedy such default within a reasonable time, the Company shall for each day thereafter during which the default or defect remains, pay to the City the sum of two hundred and fifty dollars ($250) as fixed or liquidated damages, or the Board, in case such structures or equipment which may effect the surface of the streets shall not be put in good condition within a reasonable time after notice by the Board as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Nineteenth—If, for a period of any three (3) consecutive months after the commencement of the operation of the system proposed by the Company, as herein provided, such system shall not be operated, or if the same shall not be operated for a period of any six (6) months out of any consecutive twelve (12) months after the commencement of operation, the Board may declare the right and franchise and this contract terminated without further proceedings in law or in equity.

Twentieth—The Company shall submit to the Board a report not later than November 1 of each year for the year ending September 30 next preceding, and at any other time, upon request of the Board, which shall state:

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors elected at the last meeting of the corporation held for such purpose
13. Location, value and amount paid for real estate owned by the Company as by last report.
14. Location, value and amount paid for real estate now owned by the Company.
15. Number of subscribers served by the Company.
16. Total receipts of Company for each class of business.
17. Amounts paid by the Company for damage to persons or property on account of construction and operation.
18. Total expenses for operation, including salaries.

—and such other information in regard to the business of the Company as may be required by the Board.

Twenty-first—The Company shall at all times keep accurate books of account of the gross receipts from all sources within the limits of the City, and shall, on or before November 1 of each year, make a verified report to the Comptroller of the City of the business done by the Company for the year ending September 30 next preceding, in such form as he may prescribe. Such report shall contain a statement of such gross receipts from the operation of the system hereby authorized from all subscribers served by the Company, together with such other information as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-second—This grant is upon the express condition that the Company within thirty (30) days after the signing of this contract by the Mayor, and before anything is done in exercise of the rights conferred hereby, shall deposit with the Comptroller of the City the sum of five thousand ($5,000), either in money or security, to be approved by him, which fund shall be security for the performance by the Company of all of the terms and conditions of this contract, especially those which relate to the payment of the annual charges for the privilege hereby granted, the rendering of efficient public service at the rates herein fixed or at the rates which may be hereafter fixed by the Board, as herein provided, and in default of the payment of such annual charges, the City shall collect the same with interest from said fund after ten (10) days' notice to the Company. In case of failure by the Company to comply with the terms of this contract relating to the filing of annual statements, the furnishing of service to applicants as herein provided, or its neglect or refusal to comply with any demand or direction of the Board or other Municipal officer, made pursuant to the terms of this contract or under the authority of any laws or ordinances now or hereafter in force; in such cases and in any of these events, the Company shall, except as herein otherwise provided, pay to the City a penalty of fifty dollars ($50) for each violation, which sum or sums may be deducted from said fund.

The procedure for the imposition and collection of the penalties in this contract shall be as follows:

The Board, on complaint made, shall give notice to the Company, directing its President, or other officer, to appear before the Board on a certain day not less than ten (10) days after the date of such notice, to show cause why the Company should not be penalized in accordance with the foregoing provisions. If the Company fails to make an appearance, or, after a hearing, appears in the judgment of the Board to be in fault, said Board shall forthwith impose the prescribed penalty, or where the amount of the penalty is not prescribed herein, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw the amount of such penalty from the security fund deposited with him. In case of any drafts made upon the security fund the Company shall upon ten (10) days' notice pay to the City a sum sufficient to restore said security fund to the original amount of five thousand dollars ($5,000), and in default thereof this contract shall be canceled and annulled at the option of the Board, acting in behalf of the City. No action or proceeding or right under the provisions of this contract shall affect any other legal rights, remedies or causes of action belonging to the City.

Twenty-third—In case of any violation or breach or failure to comply with any of the provisions herein contained, or with any orders of the Board acting under the powers herein reserved, the franchise or consent herein granted may be forfeited by a suit brought by the Corporation Counsel, on notice of ten (10) days to the Company, or at the option of the Board by resolution of said Board, which said resolution may contain a provision to the effect that the wires and electrical conductors constructed and in use by virtue of this contract shall thereupon become the property of the City without proceedings at law or in equity. Provided, however, that such action by the Board shall not be taken until the Board shall give notice to the Company to appear before it on a certain day not less than ten (10) days after the date of such notice, to show cause why such resolution declaring the contract forfeited should not be adopted. In case the Company fails to appear, action may be taken by the Board forthwith.

Twenty-fourth—The words "notice" or "direction," wherever used in this contract, shall be deemed to mean a written notice or direction. Every such notice or direction to be served upon the Company shall be delivered at such office in the City as shall have been designated by the Company, or if no such office shall have been designated, or if such designation shall have for any reason become inoperative, shall be mailed in the City, postage prepaid, addressed to the Company at the City. Delivery or mailing of such notice or direction as and when above provided shall be equivalent to direct personal notice or direction, and shall be deemed to have been given at the time of delivery or mailing.

Twenty-fifth—If at any time the powers of the Board or any other of the authorities herein mentioned, or intended to be mentioned, shall be transferred by law to any other board, authority, officer or officers, then and in such case such other board, authority, officer or officers, shall have all the powers, rights and duties herein reserved to or prescribed for the Board or other authorities, officer or officers.

Section 3—Nothing in this contract shall be construed as in any way limiting the present or future jurisdiction of the Public Service Commission under the Laws of the State of New York.

Section 4—The Company promises, covenants and agrees on its part and behalf to conform to, and abide by and perform all the terms, conditions and requirements in this contract fixed and contained.

In witness whereof, the party of the first part by its Mayor, thereunto duly authorized by the Board of Estimate and Apportionment of said City, has caused the corporate name of said City to be hereunto signed and the corporate seal of said City to be hereunto affixed; and the party of the second part, by its officers, thereunto duly authorized, has caused its corporate name to be hereunto signed, and its corporate seal to be hereunto affixed, the day and year first abovve written.

THE CITY OF NEW YORK,
By ....., Mayor

[CORPORATE SEAL.]
Attest: ....., City Clerk.

THE NEW YORK MAGNAPHONE AND MUSIC COMPANY,
By ....., President.

[SEAL.]
Attest: ....., Secretary.

(Here add acknowledgements.)

Resolved, That the results of the inquiry made by this Board as to the money value of the franchise or right proposed to be granted and the adequacy of the compensation proposed to be paid therefor and of the terms and conditions, including the provisions as to the rates and charges are as hereinbefore specified, and fully set forth in and by the foregoing form of proposed contract for the grant of such franchise or right.

Resolved, That these preambles and resolutions for the grant of a franchise or right applied for by The New York Magnaphone and Music Company and the said form of proposed contract for the grant of such franchise or right containing said results of such inquiry after the same shall be entered in the minutes of this Board, shall be published for at least twenty (20) days immediately prior to Thursday, December 7, 1911, in the CITY RECORD, and at least twice during the ten (10) days immediately prior to Thursday, December 7, 1911, in two daily newspapers to be designated by the Mayor therefor and published in The City of New York at the expense of The New York Magnaphone and Music Company, together with the following notice, to wit:

Notice is hereby given that the Board of Estimate and Apportionment, before authorizing any contract for the grant of a franchise or right applied for by The New York Magnaphone and Music Company and fully set forth and described in the foregoing form of proposed contract for the grant of such franchise or right, and before adopting any resolution authorizing any such contract, will, at a meeting of said Board, to be held in the old Council Chamber, City Hall, Borough of Manhattan, City of New York, on Thursday, December 7, 1911, at 10.30 o'clock a. m., hold a public hearing thereon, at which citizens shall be entitled to appear and be heard.

Which was adopted by the following vote:

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

Rapid Transit Railways.

A communication dated October 14, 1911, was received from the Harlem Property Owners' Association, requesting the Board to grant the Interborough Rapid Transit Company permission to third-track the elevated roads of Manhattan and The Bronx, and award a contract for the 138th street section of the subway.

Which was ordered filed.

City and Suburban Railway Company.

In the matter of the petition of the City and Suburban Railway Company for a franchise to construct, maintain and operate a street surface railway from the Ridgewood reservoir, Borough of Brooklyn, along the property acquired by the City for the 72-inch pipe line through the County of Queens to the Nassau County Line; and also for the right to operate a spur over private property from a point near Ridgewood Reservoir to Jamaica Bay.

At the meeting of May 27, 1910, this matter was laid over until the Company furnished proof that it had obtained certificates of convenience and necessity from the Public Service Commissions of the First and Second Districts, and until the consents had been obtained from the local authorities in Nassau County, to the construction of the railroad in that County.

The Secretary presented the following:

Bureau of Franchises, October 17, 1911.

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

Sir—Under date of March 31, 1910, the City and Suburban Railway Company petitioned the Board for the right to construct, maintain and operate a street surface railway along certain streets in the Boroughs of Brooklyn and Queens and along conduit lands of The City of New York in the County of Nassau. The petition was presented to the Board on April 15, 1910.

On May 27, 1910, a report upon the petition by the Division of Franchises was presented, setting forth the apparent authority of the Board of Estimate and Apportionment to grant the rights applied for, and recommending that the matter be laid over until the Company obtained certificates of convenience and necessity from the Public Service Commissions for the First and Second Districts and until the necessary franchises had been obtained from the local authorities in Nassau County. This action was accordingly taken by the Board, and since that date nothing further has been heard from the Company.

Under date of September 22, 1911, a letter was addressed to the Attorney who acted for the petitioner at the time the petition was made, requesting information as to whether applications for certificates of convenience and necessity had been made to the Public Service Commissions for the First and Second Districts; whether any such certificates had been granted, and whether any franchises had been obtained from the local authorities in Nassau County. The receipt of this communication has not been acknowledged by the Company or any representative of the Company; neither has the communication been returned by mail.

Since no reply was received to this communication, letters were addressed by this Bureau to the Public Service Commissions of both First and Second Districts, asking whether applications had been submitted by the Company for certificates of convenience and necessity. On October 6, 1911, the Secretary of the Commission for the Second District replied and stated that no such petition had been made and under date of October 7, 1911, the Secretary of the Commission for the First District replied and stated that a petition dated June 15, 1910, had been presented by the attorney for the Company, but that was the description of the route and seemed to indicate that the portion of the railway for which the certificate was applied for to the Commission for the First District was entirely without the limits of the City of New York, and, therefore, did not come under the jurisdiction of that Commission, but should have been presented to the Commission for the Second District. A communication was sent by the Commission to the attorney for the Company calling his attention to that fact in July, 1910, but no reply was ever made to the Commission and no steps were taken by the Company or its counsel either to correct the petition or to present proofs of publication of the certificate of incorporation, as required by the Railroad Law.

In view of the time which has elapsed since May 27, 1910, the date on which the Board instructed the Company to first obtain its certificates of convenience and necessity and franchises in Nassau County, and of the fact that no applications in proper form have been made to the Public Service Commission for either district, it is suggested that the petition be denied without prejudice to the Company to renew the same. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following was offered:

Resolved, That the petition dated March 31, 1910, presented to this Board April 15, 1910, of the City and Suburban Railway Company for a franchise to construct, maintain and operate a street surface railway from the Ridgewood Reservoir, Borough of Brooklyn, along the property acquired by the City for the seventy-two (72) inch pipe line to the boundary line between the Counties of Queens and Nassau, and also for the right to operate a spur over private property from a point near Ridgewood Reservoir near Jamaica Bay, be and the same is hereby denied without prejudice to the Company to renew the same.

Which was adopted by the following vote:

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

New York City Interborough Railway Company.

A communication was received from the attorney of the New York City Interborough Railway Company, transmitting copies of consents of abutting property owners to the construction, maintenance and operation of a street surface railway upon and along East 149th street and Southern boulevard, from St. Anns to Leggett avenues, Borough of The Bronx.

This franchise was granted by contract dated October 10, 1911, and the copies of consents are filed in accordance with the provisions of Section 2, First, of the contract.

Which was referred to the Bureau of Franchises.

A communication dated October 13, 1911, was received from the Public Service Commission for the First District, transmitting certified copy of resolution, adopted by said Commission, directing a hearing on October 19, 1911, on the application of the New York City Interborough Railway Company, for the approval of the exercise of its franchise on East 149th street and Southern boulevard, from St. Anns avenue to Leggett avenue, Borough of The Bronx.

Which was ordered filed.

New York, Westchester & Boston Railway Company.

The Secretary presented the following:

Stetson, Jennings & Russell, Mills Building, 15 Broad Street, New York, October 18, 1911.

HARRY P. NICHOLS, *Esq., Bureau of Franchises, Board of Estimate and Apportionment,* 277 Broadway, City:

Dear Mr. Nichols—Answering your letter of September 22, in regard to petition of New York, Westchester & Boston Railway Company, verified September 14, for an amendment of ordinance of August 2, 1904, we have now prepared the petition covering the changes which you have suggested in your letter, and beg to submit the same herewith, with the understanding that the petition dated Septembr 14 will be withdrawn.

* * * * * * * *

Very truly yours, STETSON, JENNINGS & RUSSELL.

Bureau of Franchises, October 19, 1911.

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

Sir—At the meeting of the Board of Estimate and Apportionment held September 21, 1911, a petition was presented from the New York, Westchester and Boston Railway Company, requesting a change in its route as authorized by an ordinance of the Board of Aldermen, approved by the Mayor August 2, 1904, as amended by resolution of the Board of Estimate and Apportionment, approved by the Mayor July 21, 1905, and by contracts dated January 29, 1909, and August 2, 1911, and was referred to this Bureau.

The change in route involves that portion of the Company's existing line between the intersection of Willis Avenue and 132nd Street and a point between 134th and 135th Streets east of Willow Avenue, Borough of The Bronx, and it is desired to make the line between the above limits contiguous to the existing line of the Harlem River and Port Chester Railroad Company.

After reference of the petition to this Bureau it was found upon exam ation that the description contained therein was not entirely satisfactory and the Company was requested to present an amended petition, more clearly defining the proposed change of line. Such amended petition has been received, togther with a request to withdraw the petition presented at the meeting of September 21, 1911.

It is recommended that the Company be allowed to withdraw its original petition and that Thursday, November 23, 1911, be fixed as the date for the preliminary hearing upon the amended petition and that the Mayor be requested to designate the newspapers in which the petition and notice of the hearing shall be published according to law. A resolution to this effect is herewith transmitted. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

To the Board of Estimate and Apportionment:

The petition of the New York, Westchester & Boston Railway Company respectfully shows as follows:

That your petitioner is a railroad corporation of the State of New York, and is engaged in constructing its railroad in the City of New York in accordance with a certain ordinance adopted by the Board of Aldermen of the said City on the 26th day of July, 1904, approved by the Mayor on August 2, 1904, granting to your petitioner the right to cross streets, avenues and public places as therein specified, which ordinance was subsequently amended by resolution of the Board of Estimate and Apportionment adopted July 14, 1905 and approved by the Mayor July 21, 1905, and by contracts between New York, Westchester & Boston Railway Company and The City of New York, dated January 29, 1909, and August 2d, 1911, respectively; that the entire route of your petitioner in the said City is set forth in the said contracts dated January 29, 1909 and August 2nd, 1911.

That on the 10th day of December, 1910, the Board of Directors of your petitioner, for the purpose of improving the line of the railroad, by affirmative vote of two-thirds of all the said directors, at a meeting duly called in the manner provided by law, adopted a change of route of a portion of its main line in the City of New York, so that the same should be in accordance with a certain map then adopted by the said Board of Directors, entitled "Map and Profile of New York, Westchester & Boston Railway Company, New York County part of Section 1, December 10, 1910, being map and profile of that part of the route of the main line of said Railway Company within said county, extending from a point near the intersection of Willis Avenue and 132d street in the Borough of The Bronx, City of New York, to a point between 134th street and 135th street, east of Willow avenue in said borough and city, as altered, changed, amended and adopted by affirmative vote of two-thirds of all the directors of said Company on the 10th day of December, 1910. E. J. Langford, Chief Engineer, New York, Westchester & Boston Railway Company."

That subsequently thereto your petitioner applied to the Public Service Commission for the First District, for leave to exercise its right to change its route within the said city and county, in accordance with the map so adopted, and that the said Public Service Commission for the First District, by an order dated July 18, 1911, approved and authorized the exercise of the right of your petitioner to make such alteration and change and to adopt such amended route.

That on the 24th day of July 1911, your petitioner duly filed in the office of the County Clerk of New York County, the said map and profile, together with a certified copy of the order of the Public Service Commission for the First District, approving the said alteration and change. A copy of the said map is submitted herewith, marked "Exhibit A." That the said change does not cross any additional streets, but crosses the same streets as are designated in the said ordinance and contract, further to the east, so as to bring the route of your petitioner's railroad contiguous

to the route of the railroad of The Harlem River and Port Chester Railroad Company, and so that the centre line of your petitioner's railroad crosses the said streets at the following points: East 132d street about 210 ft. easterly from Willow avenue; East 133d street about 300 feet easterly from Willow avenue; East 134th street about 340 ft. easterly from Willow avenue, and also omits the crossing of Willow avenue.

Submitted herewith is a map to accompany this petition, showing thereon the location of the present route in black and the proposed route in red, and showing also the location of The Harlem River and Port Chester Railroad.

That the object of the said change is in order to improve the route of your petitioner and avoid an unnecessary width in crossing the streets between The Harlem River and 134th street, and also so that the said route shall adjoin the route of The Harlem River and Port Chester Railroad Company, so that the two railroads may be operated in common under a contract which has been duly approved by the Public Service Commission for the First District on the 11th day of July, 1911.

Wherefore, Your petitioner prays that your Honorable Board will amend the said ordinance granting a franchise to your petitioner, adopted by the Board of Aldermen on July 26, 1904, approved by the Mayor August 2, 1904, as amended by resolution of the Board of Estimate and Apportionment dated July 14, 1905 and approved by the Mayor July 21, 1905, and by contract between your petitioner and The City of New York, dated January 29, 1909, and by contract between your petitioner and The City of New York, dated August 2d, 1911, so that that portion of the route extending from the terminus at the Harlem River to a point between 134th street and 135th street east of Willow avenue shall conform in all respects to the route shown on the map entitled "Map and Profile of New York, Westchester & Boston Railway Company for New York County, Part of Section 1, dated December 10, 1910, adopted by the Board of Directors of said Company on the 10th day of December, 1910, which map and profile were duly filed in the office of the County Clerk of the County of New York on the 24th day of July, 1911.

Respectfully submitted,

NEW YORK, WESTCHESTER & BOSTON RAILWAY COMPANY, by L. S. MILLER, President.

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

Leverett S. Miller, being duly sworn, deposes and says that he is president of New York, Westchester & Boston Railway Company, the petitioner named in the foregoing petition; that he has read said petition and knows the contents thereof, and that the same is true of his knowledge except as to the matters therein stated to be alleged on information and belief, and that as to those matters he believes it to be true.

[SEAL.] LEVERETT S. MILLER.

Sworn to before me, this 11th day of October, 1911.

JAMES J. DWYER, Notary Public, Kings County, certificate filed in N. Y. Co., register No. 2,175.

The following was offered:

Whereas, The foregoing petition from New York, Westchester & Boston Railway Company, verified October 11, 1911, was presented to the Board of Estimate and Apportionment at a meeting held October 26, 1911;

Resolved, That, in pursuance of law, this Board sets Thursday, the 23d day of November, 1911, at 10.30 o'clock in the forenoon, and Room 16 in the City Hall, Borough of Manhattan, as the time and place when and where such petition shall be first considered, and a public hearing be had thereon, at which citizens shall be entitled to appear and be heard, and be it further

Resolved, That the Secretary is directed to cause such petition and these resolutions to be published for at least two (2) days in two daily newspapers in The City of New York, to be designated by the Mayor, and for at least ten (10) days in the CITY RECORD immediately prior to such date of public hearing. The expense of such publication to be borne by the petitioner.

Which was adopted by the following vote:

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

The petition presented September 21, 1911, was ordered filed and the amended petition referred to the Bureau of Franchises.

Mason & Hanger Company.

In the matter of the consent granted to Mason & Hanger Company to construct, maintain and use a narrow gauge railroad track from the shaft of the New York City water tunnel of the Catskill Aqueduct in Sedgwick avenue, with the line of the Croton Aqueduct, along Sedgwick avenue and private property, to Van Cortlandt Park, Borough of The Bronx.

This consent was granted by resolution adopted by this Board August 31, 1911, approved by the Mayor September 7, 1911.

The Secretary presented the following:

Bureau of Franchises, October 21, 1911.

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

Sir—By resolution adopted by the Board of Estimate and Apportionment August 31, 1911, approved by the Mayor September 7, 1911, the Mason & Hanger Company was granted permission to construct, maintain and use a narrow gauge railroad track from the shaft of the New York City Water Tunnel of the Catskill Aqueduct in Sedgwick Avenue, with the line of the Croton Aqueduct along Sedgwick Avenue and private property to Van Courtlandt Park, Borough of The Bronx.

Section 15 of the consent provides as follows:

"This consent shall be null and void unless said grantee shall duly execute an instrument in writing, wherein said grantee shall accept this consent and shall promise, covenant and agree to conform to, abide by and perform all the terms, conditions and requirements in this consent fixed and contained and file said instrument with the Board of Estimate and Apportionment of the City of New York, within thirty (30) days after the approval of this consent by the Mayor; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

"And said grantee shall promise, covenant and agree in said instrument to hold the City of New York, harmless for all damages to persons or property which may result from the construction, use, maintenance or operation of the structure hereby authorized."

Under and pursuant to the above quoted section, the grantee presented an agreement dated September 19, 1911. This agreement has been approved as to form by the Corporation Counsel, and returned to this office with a communication dated October 9, 1911.

The Departments interested, likewise the grantee have been furnished with certified copies of the approved resolution, and advised the grant is now in full force and effect.

It is recommended that the papers be filed. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

Mason & Hanger Company.

In the matter of the amendment of the consent permitting Mason & Hanger Company to install, maintain and use a certain pipe on private property abutting on the westerly side of Van Cortlandt avenue, between Sedgwick avenue and Van Cortlandt Park South, instead of under, along and across Van Cortlandt avenue, from Van Cortlandt Park South to Sedgwick avenue, Borough of The Bronx.

This consent was granted by resolution adopted by this Board September 21, 1911, approved by the Mayor September 26, 1911.

The Secretary presented the following:

Bureau of Franchises, October 21, 1911.

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

Sir—By resolution adopted by the Board of Estimate and Apportionment September 21, 1911, approved by the Mayor September 26, 1911, the consent granted Mason & Hanger Company, by resolution adopted July 6, 1911, approved by the Mayor July 11, 1911, was amended so as to permit said Company to install, maintain and use a certain pipe on private property abutting on the westerly side of Van Cortlandt avenue, between Sedgwick avenue and Van Cortlandt Park South, instead of under, along and across Van Cortlandt avenue, from Van Cortlandt Park South to Sedgwick avenue, Borough of The Bronx.

The resolution provides in part as follows

"That this resolution shall become null and void unless the said Mason & Hanger Company, shall duly execute an instrument in writing to the satisfaction of the Board of Estimate and Apportionment, and file the same in the office of the said Board within thirty (30) days after the approval of this resolution by the Mayor, wherein the said Company shall accept this consent and promise, covenant and agree that the consent of the Board of Estimate and Apportionment, so given, to the alteration of location of the said pipe line and the reduction of the compensation shall in no wise change, alter or amend any of the terms, conditions or requirements in the original consent fixed and contained and which said consent shall remain in full force and effect as herein and hereby expressly amended."

Under and pursuant to the above quoted Section, the grantee presented an agreement dated October 2, 1911. This agreement has been approved as to form by the Corporation Counsel and returned to this office with a communication dated October 9, 1911.

The Departments interested and the grantee have been furnished with certified copies of the approved resolution.

The grant is now in full force and effect. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

St. Joseph's Institute for the Improved Instruction of Deaf Mutes.

In the matter of the application of St. Joseph's Institute for the Improved Instruction of Deaf Mutes, for permission to construct, maintain and use a tunnel under and across Ferry Point road at Throggs Neck, Borough of The Bronx, to contain pipes for the conveyance of steam, gas, water and electric current between premises of the applicant.

This application was presented to the Board at the meeting of August 31, 1911 and referred to the Bureau of Franchises.

The Secretary presented the following:

St. Joseph's Institute for the Improved Instruction of Deaf Mutes, Westchester, New York, July 26, 1911.

Honorable Board of Estimate and Apportionment, Division of Franchises:

Gentlemen—I herewith apply for permission to cross Ferry Point road, Throggs Neck, Borough of The Bronx, at position indicated on the accompanying map, by a tunnel at least five feet below the surface of the road, and 8 feet 2 inches wide and 8 feet, 5 inches high, outside dimensions, and to contain steam, gas, water, electric and other pipes.

My reasons for asking this permission are as follows: The St. Joseph's Institute for the Improved Instruction of Deaf Mutes, a charitable organization, owns 46 acres on both sides of Ferry Point road.

At present the boys' department is in a group of buildings on the west side of Ferry Point road, with an independent, and more or less antiquated, powerhouse, and its own kitchen, laundry, etc.

It is now proposed, and the plans have been filed, to erect the girls' group on the east side of the road, and it is desired to erect a central powerhouse, laundry and kitchen for the use of both groups. This central powerhouse, kitchen and laundry will be erected on the west side of Ferry Point road, about equally distant from both the boys' and girls' groups, and connected with each of them by means of this proposed tunnel. Yours respectfully,

KATHERINE E. McCORMACK, Treasurer, St. Joseph's Institute for the Improved Instruction of Deaf Mutes.

Bureau of Franchises, October 17, 1911.

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

Sir—St. Joseph's Institute for the Improved Instruction of Deaf Mutes, by Katherine E. McCormack, Treasurer, has presented a petition dated July 26, 1911, to the Board of Estimate and Apportionment for permission to construct, maintain and use a tunnel eight feet two inches in width and eight feet five inches in height, outside dimensions, under and across Ferry Point Road at Throggs Neck in the Borough of The Bronx, connecting the premises of the petitioner on opposite sides of said road. The petition recites that the property of the institute consists of forty-six acres situated on both sides of Ferry Point Road. At present the Boys' Department on the west side of the road is in a group of buildings equipped with a more or less antiquated power plant and a kitchen, laundry, etc. A group of buildings is now in process of erection on the easterly side of the road to be used as a Girls' Department and it is proposed to erect a central power house, laundry and kitchen in the premises on the west side of the road and connect the same with both the Boys' and Girls' group of buildings, by means of the proposed tunnel. In the tunnel will be installed all of the pipes necessary for the conveyance of steam, gas, water, electric current, etc. A small track will also be laid down in the tunnel for the kitchen and laundry purposes.

A copy of the petition with accompanying plan was sent to the President of the Borough of The Bronx and to the Commissioner of Water Supply, Gas and Electricity with a request that examinations be made by the various bureaux of their departments having jurisdiction with a view to ascertaining if there are any objections to the tunnel or any particular conditions which should be incorporated in the form of consent heretofore used by the Board for similar privileges.

In replies dated respectively September 26 and September 7, 1911, it was stated that there are no objections to the tunnel and no particular conditions necessary to be inserted in the form of consent.

The reply from the Borough President, however, called attention to the fact that it is the intention to widen Ferry Point Road at Throggs Neck from its present width of thirty-five feet to a total width of one hundred feet, and it was suggested that in view of this proposed widening the Institute might desire to alter the plan of the proposed tunnel so that no change will be necessary when the street will be widened. The attention of the petitioner was called to this fact, with the result that new plans have been submitted providing for the construction of the tunnel as suggested by the Borough President.

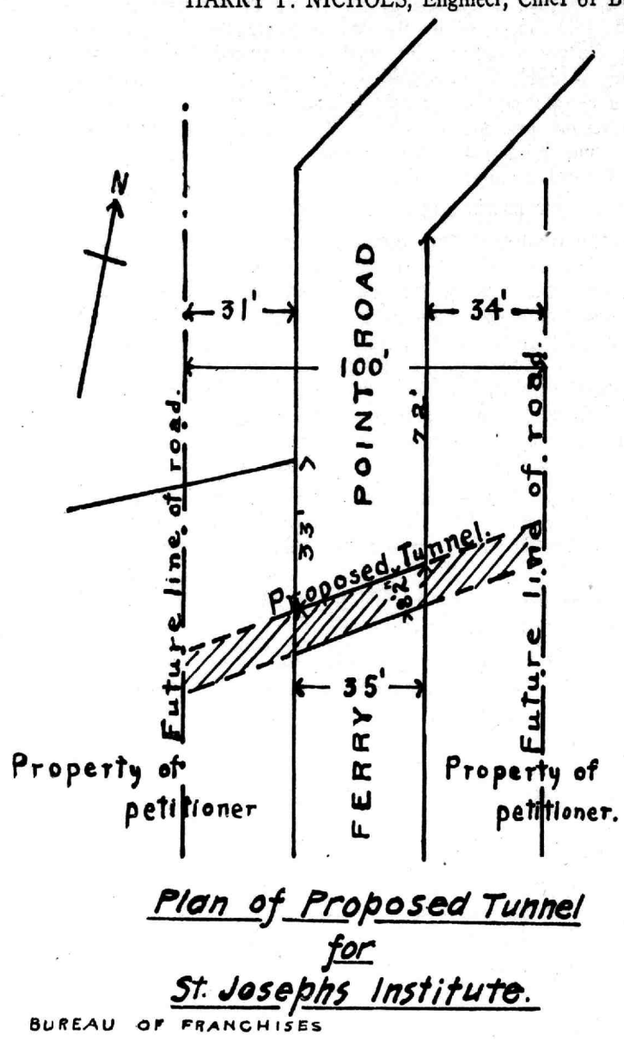
The customary examination by this office revealed no objection to the project and I can see no good reason why the requested permission should not be given should the Board see fit to do so. In such case I would suggest that consent be granted only during the pleasure of the Board, but in no case to extend beyond a term of ten (10) years from the date of the approval of the consent by the Mayor and revocable upon sixty (60) days' notice in writing to the grantee.

As the Institute is a charitable organization, I would suggest that, in accordance with the precedent established by the Board in similar cases, the charge for the privilege be fixed at the nominal sum of Twenty-five dollars per annum and that the customary security deposit be waived.

In the event of the widening of Ferry Point Road at any time in the future, the grantee should be required to agree that no award will be claimed for the portions of the tunnel lying within the lands taken for the widening and when so widened the consent shall extend to, and all the terms and conditions thereof shall apply to the entire structure within the new street lines, and further, that no rights for the maintenance of the tunnel in the widened portion of the street other than those held under and by virtue of the consent shall be claimed by the grantee.

The customary form of resolution containing the above suggested provision is herewith submitted. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.



Plan of Proposed Tunnel for St. Josephs Institute.

BUREAU OF FRANCHISES

The following was offered:

Whereas, St. Joseph's Institute for the Improved Instruction of Deaf Mutes, has presented a petition dated July 26, 1911, to the Board of Estimate and Apportionment for permission to construct, maintain and use a tunnel under and across Ferry Point Road at Throggs Neck, Borough of The Bronx, connecting its premises on opposite sides of said road; now, therefore, be it

Resolved, That the consent of the Corporation of the City of New York be and the same is hereby given to St. Joseph's Institute for the Improved Instruction of Deaf Mutes, a domestic corporation, and the owner of certain properties on Ferry Point Road at Throggs Neck, in the Borough of The Bronx, to install, maintain and use a tunnel eight feet two inches in width and eight feet five inches in height, outside dimensions, under and across said Ferry Point Road connecting the said properties of the petitioner; the said tunnel to contain pipes for the conveyance of steam, gas, water, electric current and any other materials necessary in the operation of the Institute and also to contain a small track for the conveyance of materials to and from a central kitchen and laundry plant located in the property on the westerly side of said Ferry Point Road, all to be used exclusively by the petitioner for the purposes of the Institute and for no other purposes, all as shown on the plan accompanying the application and entitled:

"Plan showing location of Proposed Tunnel across Ferry Point Road, Borough of The Bronx, to accompany application July 26, 1911. St. Joseph's Institute for the Impr'v'd Instr. of Deaf Mutes, to the Board of Estimate and Apportionment, City of New York";

—and signed Katherine E. McCormack, Treasurer, St. Joseph's Institution for the Improved Instruction of Deaf Mutes, a copy of which is annexed hereto and made a part hereof upon the following terms and conditions:

1. Said consent shall continue only during the pleasure of the Board of Estimate and Apportionment, and shall be revocable upon sixty (60) days' notice in writing to the grantee, but in no case shall it extend beyond a term of ten (10) years from the date of its approval by the Mayor, and thereupon all rights of the grantee in said street by virtue of this consent shall cease and determine.

2. The grantee shall pay into the Treasury of The City of New York, as compensation for the privilege hereby granted the sum of Twenty-five dollars per annum. Such payments shall be made in advance on November 1 of each year, provided, however, that the first payment shall be made within sixty (60) days of the approval of this consent by the Mayor, and shall be only such proportion of the annual charge as the time between the approval of this consent by the Mayor and November 1 following bears to a whole year.

Such payments shall not be considered in any manner in the nature of a tax, but shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid under any ordinance of The City of New York, or by any law of the State of New York.

3. Upon the removal of the grantee from either of the premises to be connected by the structure, or upon the revocation or termination by limitation of this consent, the grantee shall cause the structure hereby authorized to be removed and all of said street affected by this permission to be restored to its proper and original condition, if required so to do by The City of New York or its duly authorized representatives, and the entire cost of such work shall be borne by the said grantee. If the structure hereby authorized shall not be required to be removed, it is agreed that it shall become the property of The City of New York.

4. This consent is for the exclusive use of the grantee and shall not be assigned either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein pass to or vest in any other person, firm or corporation whatsoever, either by the acts of the grantee or by operation of law, without the consent in writing of The City of New York, acting by the Board of Estimate and Apportionment.

5. The grantee shall pay the entire cost of all work, labor and material in connection with the structure hereby authorized, and particularly—

(a) Its construction, maintenance and removal.

(b) The protection of all structures which shall in any way be disturbed by its construction or removal.

(c) All changes in sewers or other subsurface structures necessitated by its construction or removal, including the laying or relaying of pipes, conduits, sewers or other structures.

(d) The replacing or restoring of the pavement in said street which may be disturbed during its construction or removal.

(e) Each and every item of the increased cost of the installation of any future structures or repairs or alterations to any existing or future structures caused by its presence in the street.

(f) The inspection of all work during its construction or removal as herein provided, which may be required by the President of the Borough and the Commissioner of Water Supply, Gas and Electricity.

6. Before the construction or removal shall be begun, the grantee shall obtain permits to do the work from the President of the Borough and from the Commissioner of Water Supply, Gas and Electricity. The grantee shall perform all the duties which may be imposed by those officials as conditions of such permits, provided such conditions are not inconsistent with the provisions of this consent. The grantee shall submit to those officials working plans which shall include and show in detail the method of construction of the structure hereby authorized and the mode of protection or changes in all structures required by the construction or removal of the same.

Upon the completion of the work, the grantee shall furnish to the President of the Borough a plan of such character as he may direct, showing accurately and distinctly the location, size and type of construction and complete dimensions of the structure erected or installed under this consent; also the location and dimensions of all substructures, encountered during the progress of the work. The depth below the street surface of the new structure and of the substructures encountered must be shown; also their location with reference to the nearest curb line and the nearest curb-line intersection.

7. The grantee shall allow to The City of New York a right of way through, under or above any part of the structure hereby authorized for any and all structures which are now or may be hereafter placed by The City of New York in said street.

If at any time it shall become necessary to replace or alter any structure in said street, the City shall have the right to break through or remove all or any portion of the structure hereby authorized and the grantee shall pay to the City the expense incurred by such removal.

8. The structure hereby authorized and any fixtures laid therein shall be constructed, maintained and operated subject to the supervision and control of the proper authorities of The City of New York. It shall be open at all times to the inspection of all the authorities who have jurisdiction in such matters under the Charter of The City of New York.

9. This consent is subject to whatever right, title or interest the owners of abutting property or others may have in and to said street.

10. Said grantee shall be liable for all damages to persons or property, including the street and structures therein and thereunder, by reason of the construction and operation or maintenance of the structure hereby authorized, and it is a condition of this consent that the City of New York assumes no liability to either person or property on account of this consent.

11. This consent is granted on the further and express condition that all laws or ordinances now in force, or which may hereafter be adopted, shall be strictly complied with.

12. Said grantee shall give notice, in writing, to the President of the Borough and to the Commissioner of Water Supply, Gas and Electricity of its intention to begin the work hereby authorized at least forty-eight hours before such work commences. The grantee shall also give to the Board of Estimate and Apportionment notice, in writing, of the date on which the work is commenced and also the date on which the same is completed, not later than ten (10) days after such dates.

13. Said grantee shall commence the construction of the structure hereby authorized and complete the same on or before July 1, 1912, otherwise this consent shall be forfeited forthwith, and without any proceedings, either at law or otherwise, for that purpose; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

14. It is made a particular condition of this consent that in the event of the widening of Ferry Point Road at any time in the future, the grantee shall claim no award for the portions of the tunnel lying within the lands taken for the widening, and when the said Road shall be so widened the consent hereby granted shall extend to, and all the terms and conditions of the consent shall apply to, the entire structure within the new street lines, and the grantee shall claim no rights for the maintenance of the tunnel in the widened portion of the street other than those held under and by virtue of this consent.

15. This consent shall be null and void unless said grantee shall duly execute an instrument in writing, wherein said grantee shall accept this consent and shall promise, covenant and agree to conform to, abide by and perform all the terms, conditions and requirements in this consent fixed and contained and file said instrument with the Board of Estimate and Apportionment of The City of New York within thirty (30) days after the approval of this consent by the Mayor; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

And said grantee shall promise, covenant and agree in said instrument to hold The City of New York harmless from all damages to persons or property which may result from the construction, use, maintenance or operation of the structure hereby authorized.

Which was adopted by the following vote:

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

R. F. Stevens Company.

An application was received from R. F. Stevens Company for permission to install, maintain and use two 16 inch iron pipes under and across Third ave, connecting premises 83 and 85 Third ave. with a proposed new building known as 88 Third ave., Borough of Brooklyn, to be used for the purposes of conveying cold brine for refrigerating purpose, steam, hot and cold water, between said premises.

Which was referred to the Bureau of Franchises.

Bradley Contracting Company.

An application was received from Bradley Contracting Company for permission to install, maintain and use a 10-inch air pipe in 96th st., from the East River to Lexington ave., under First, Second, and Third avenues, Borough of Manhattan.

The Secretary presented the following:

James A. Lynch, 22 Vesey Street, New York, October 24, 1911.

Board of Estimate and Apportionment, 277 Broadway, Borough of Manhattan:

Gentlemen—Under a misapprehension I made application on October 20, 1911, for a temporary franchise for the Bradley Contracting Company to lay a 10 inch air pipe under 96th st., from the East River to Lexington ave., Borough of Manhattan.

I hereby withdraw such application.

Yours respectfully, JAMES A. LYNCH, Atty. for Bradley Contracting Co.

The petition was then ordered filed.

Cooper Union for the Advancement of Science and Art.

In the matter of the application of the Trustees of Cooper Union for the Advancement of Science and Art for permission to construct, maintain and use a tunnel under and across the intersection of Third ave. and East 7th st., Borough of Manhattan, for the purpose of conveying steam and electric current from the plant in Cooper Union Building to the Hewitt Addition to Cooper Union to be constructed on the southeasterly corner of 7th st., and Third ave.

This application was presented to the Board at the meeting of October 11, 1911, and referred to the Bureau of Franchises.

The Secretary presented the following:

Cooper Union for the Advancement of Science and Art, New York, September 19, 1911.

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

Gentlemen—The Trustees of Cooper Union respectfully ask permission to construct a tunnel underneath 3d avenue, as shown on the accompanying plans, connecting the basement of the present building of Cooper Union, located between 3d and 4th avenues, 7th street and Astor place, the title of which is held by the Corporation, and the Hewitt addition to Cooper Union shortly to be erected upon property leased for a period of ninety-nine years by the City of New York, bounded by 3d avenue and Hall place, 6th and 7th streets.

The object of the proposed tunnel is to secure steam and electric connections between these two buildings, which are to be operated jointly for educational purposes by Cooper Union, in order to secure the advantage of greater economies in the heating and lighting of the two buildings.

In the present building of Cooper Union instruction is given entirely free of charge to some 3,400 students in various technical and art courses. The demand upon the institution for admission is very far in excess of this, the number reaching last year some 8,301 applicants. In the six-story building which it is proposed to erect on the old Sixty-ninth Regiment Armory site, it is hoped to accommodate at least 1,600 additional students, who will also be given free instruction.

It is on account of the semi-public nature of the institution that the Trustees feel justified in asking permission for the construction of the tunnel, as outlined in the plan.

With this document is submitted three (3) copies of this petition, and plan upon tracing cloth showing the location of the properties involved, with building and curb lines, railroad tracks, electric conduits, sewers, and other sub-structures in the intervening street. Nine (9) black prints of this tracing, two (2) of which are on paper and seven (7) on cloth, are also submitted.

Very respectfully,

JNO. E. PARSONS, President.

Bureau ofFranchises, October 17, 1911.

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

Sir—The Trustees of Cooper Union by John E. Parsons, President, have presented a petition dated September 19, 1911, for permission to construct, maintain and use a tunnel under and across the intersection of Third Avenue and East 7th Street, in the Borough of Manhattan, for the purpose of conveying steam and electric current from the plant in Cooper Union Building located between 3rd and 4th Avenues, 7th Street and Astor Place, to the Hewitt addition to Cooper Union to be erected on the southeasterly corner of 7th Street and 3d Avenue. The proposed tunnel is designed to run from a vault of the existing Cooper Union Building situated under the roadway of 7th Street, the said vault having been authorized by resolution adopted by the Board of Aldermen, as hereinafter recited, to the Hewitt addition. The tunnel will secure to Cooper Union the advantage of greater economy in heating and lighting the two buildings. The proposed tunnel is circular and five feet in exterior diameter.

At the meeting held October 11, 1911, the matter was referred to the Bureau of Franchises for investigation and report.

I caused an examination to be made and no objections were found to the tunnel. The records show that the vault under the roadway of 7th Street, with which the proposed tunnel is designed to connect, was authorized, as follows:

A resolution was adopted by the Board of Aldermen on November 9, 1880, which was approved by the Mayor November 19, 1880, granting permission to Peter Cooper to extend the vault in front of Cooper Union on 7th Street, a distance of six feet beyond the curb line.

By resolution adopted by the Board of Aldermen on June 14, 1881, and approved by the Mayor June 17, 1881, "Cooper Union for the Advancement of Science and Art" was authorized to further extend the vault to a point not over twenty feet beyond the curb line and on August 23, 1881, a resolution was adopted by the same Board, which was approved by the Mayor August 31, 1881, amending the resolution of June 14 so as to authorize the extension of the vault to the south curb line of 7th

payment of the usual fee; the permission to continue only during the pleasure of the Common Council.

A copy of the petition with accompanying plan was sent to the President of the Borough of Manhattan and to the Commissioner of Water Supply, Gas and Electricity, with a request that examinations be made by the various bureaus of their Departments having jurisdiction with a view to ascertaining if there are any objections to the project or any particular conditions necessary to be inserted in the form of consent heretofore used by the Board for similar privileges.

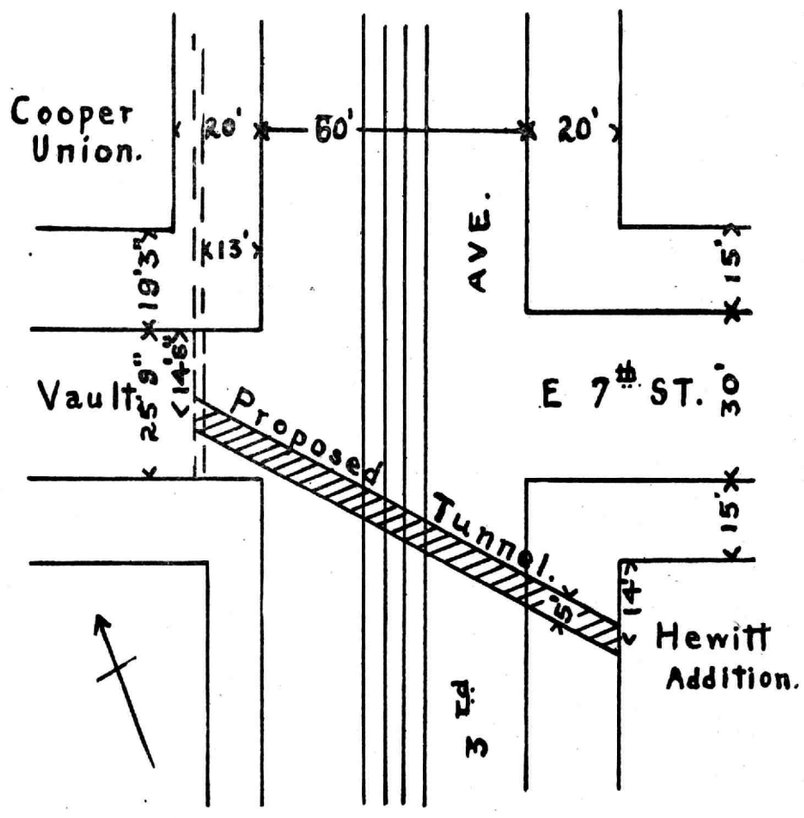
In replies dated respectively October 5 and September 28, 1911, it is stated that there are no objections to the proposed tunnel and no particular conditions necessary to be inserted in the form of consent.

As there are no objections to the project, I can see no good reason why the requested permission should not be given should the Board see fit to do so. In such case I would suggest that consent be granted only during the pleasure of the Board but in no case to extend beyond a term of ten (10) years from the date of the approval of the consent by the Mayor and revocable upon sixty (60) days' notice in writing.

On account of the character and public benefit of the work carried on by Cooper Union, it would seem best that the customary security deposit be waived in this case and the charge for the privilege be fixed at the nominal sum of Twenty-five dollars per annum. Such action would be in accord with the precedent established by the Board in cases of consents for similar structures granted to charitable institutions, hospitals, etc.

The customary form of resolution granting consent, modified as above suggested is herewith submitted for adoption. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.



Plan of Proposed Tunnel for Cooper Union.

BUREAU OF FRANCHISES

The following was offered:

Whereas, The Trustees of Cooper Union for the Advancement of Science and Art have presented a petition dated September 19, 1911, to the Board of Estimate and Apportionment for permission to construct, maintain and use a tunnel under and across 3d Avenue at 7th Street, Borough of Manhattan, connecting the Hewitt addition to Cooper Union, to be constructed on the southeasterly corner of 3rd Avenue and East 7th Street, with a vault under the roadway of East 7th Street, connecting with Cooper Union building located on the block between 3rd and 4th Avenues, 7th Street and Astor Place, for the purpose of conveying steam and electric current between the said premises for the sole use of Cooper Union; now, therefore, be it

Resolved, That the consent of the Corporation of The City of New York be and the same is hereby given to the Trustees of Cooper Union for the Advancement of Science and Art, a domestic corporation, and the owner of the property on the block between 3rd and 4th Avenues, 7th Street and Astor Place, and the lessee of the property at the southeasterly corner of 3rd Avenue and 7th Street, in the Borough of Manhattan, to construct, maintain and use a circular tunnel, with an exterior diameter of five feet, under and across 3rd Avenue connecting the said property on the southeasterly corner of 3rd Avenue and 7th Street with an existing vault under the roadway of East 7th Street on the westerly side of 3rd Avenue; the said vault connecting with the premises of the petitioner on the block between 3rd and 4th Avenues, 7th Street and Astor Place; the said tunnel to be used for the conveyance of steam and electric current between the said premises for the sole and exclusive use of Cooper Union and for no other purpose, all as shown on the plan accompanying the application and entitled:

"Plan showing location of Proposed Tunnel to be constructed in 3d Avenue, Borough of Manhattan, to accompany application dated Sept. 19-11 of Cooper Union for the Advancement of Science and Art to the Board of Estimate and Apportionment, City of New York"

—and signed Cooper Union, Jno. E. Parsons, Prest., a copy of which is attached hereto and made a part hereof upon the following terms and conditions:

1. Said consent shall continue only during the pleasure of the Board of Estimate and Apportionment, and shall be revocable upon sixty (60) days' notice in writing to the grantee, but in no case shall it extend beyond a term of ten (10) years from the date of its approval by the Mayor, and thereupon all rights of the grantee in said street by virtue of this consent shall cease and determine.

2. The grantee shall pay into the Treasury of The City of New York, as compensation for the privilege hereby granted the sum of Twenty-five dollars per annum. Such payments shall be made in advance on November 1 of each year, provided, however, that the first payment shall be made within sixty (60) days of the approval of this consent by the Mayor, and shall be only such proportion of the annual charge as the time between the approval of this consent by the Mayor and November 1 following bears to a whole year.

Such payments shall not be considered in any manner in the nature of a tax, but shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid under any ordinance of The City of New York, or by any law of the State of New York.

3. Upon the removal of the grantee from either of the premises to be connected by the structure, or upon the revocation or termination by limitation of this consent, the grantee shall cause the structure hereby authorized to be removed and all of said street affected by this permission to be restored to its proper and original condition, if required so to do by The City of New York or its duly authorized representatives, and the entire cost of such work shall be borne by the said grantee. If the structure hereby authorized shall not be required to be removed, it is agreed that it shall become the property of The City of New York.

4. This consent is for the exclusive use of the grantee and shall not be assigned either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein pass to or vest in any other person, firm or corporation whatsoever, either by the acts of the grantee or by operation of law, without the consent in writing of The City of New York, acting by the Board of Estimate and Apportionment.

5. The grantee shall pay the entire cost of all work, labor and material in connection with the structure hereby authorized, and particularly—

(a) Its construction, maintenance and removal.

(b) The protection of all structures which shall in any way be disturbed by its construction or removal.

(c) All changes in sewers or other subsurface structures necessitated by its construction or removal, including the laying or relaying of pipes, conduits, sewers or other structures.

(d) The replacing or restoring of the pavement in said street which may be disturbed during its construction or removal.

(e) Each and every item of the increased cost of the installation of any future structures or repairs or alterations to any existing or future structures caused by its presence in the street.

(f) The inspection of all work during its construction or removal as herein provided, which may be required by the President of the Borough and the Commissioner of Water Supply, Gas and Electricity.

6. Before the construction or removal shall be begun, the grantee shall obtain permits to do the work from the President of the Borough and from the Commissioner of Water Supply, Gas and Electricity. The grantee shall perform all the duties which may be imposed by those officials as conditions of such permits, provided such conditions are not inconsistent with the provisions of this consent. The grantee shall submit to those officials working plans which shall include and show in detail the method of construction of the structure hereby authorized and the mode of protection or changes in all structures required by the construction or removal of the same.

Upon the completion of the work, the grantee shall furnish to the President of the Borough a plan of such character as he may direct, showing accurately and distinctly the location, size and type of construction and complete dimensions of the structure erected or installed under this consent; also the location and dimensions of all substructures, encountered during the progress of the work. The depth below the street surface of the new structure and of the substructures encountered must be shown; also their location with reference to the nearest curb line and the nearest curb-line intersection.

7. The grantee shall allow to The City of New York a right of way through, under or above any part of the structure hereby authorized for any and all structures which are now or may be hereafter placed by The City of New York in said street.

If at any time it shall become necessary to replace or alter any structure in said street, the City shall have the right to break through or remove all or any portion of the structure hereby authorized and the grantee shall pay to the City the expense incurred by such removal.

8. The structure hereby authorized and any fixtures laid therein shall be constructed, maintained and operated subject to the supervision and control of the proper authorities of The City of New York. It shall be open at all times to the inspection of all the authorities who have jurisdiction in such matters under the Charter of The City of New York.

9. This consent is subject to whatever right, title or interest the owners of abutting property or others may have in and to said street.

10. Said grantee shall be liable for all damages to persons or property, including the street and structures therein and thereunder, by reason of the construction and operation or maintenance of the structure hereby authorized, and it is a condition of this consent that the City of New York assumes no liability to either person or property on account of this consent.

11. This consent is granted on the further and express condition that all laws or ordinances now in force, or which may hereafter be adopted, shall be strictly complied with.

12. Said grantee shall give notice, in writing, to the President of the Borough and to the Commissioner of Water Supply, Gas and Electricity of its intention to begin the work hereby authorized at least forty-eight hours before such work commences. The grantee shall also give to the Board of Estimate and Apportionment notice, in writing, of the date on which the work is commenced and also the date on which the same is completed, not later than ten (10) days after such dates.

13. Said grantee shall commence the construction of the structure hereby authorized and complete the same on or before September 1, 1912, otherwise this consent shall be forfeited forthwith, and without any proceedings, either at law or otherwise, for that purpose; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

14. This consent shall be null and void unless said grantee shall duly execute an instrument in writing, wherein said grantee shall accept this consent and shall promise, covenant and agree to conform to, abide by and perform all the terms, conditions and requirements in this consent fixed and contained and file said instrument with the Board of Estimate and Apportionment of The City of New York within thirty (30) days after the approval of this consent by the Mayor; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

And said grantee shall promise, covenant and agree in said instrument to hold The City of New York harmless from all damages to persons or property which may result from the construction, use, maintenance or operation of the structure hereby authorized.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the President of the Board of Alder-

men and the President of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Franbro Realty Company.

In the matter of the application of the Franbro Realty Company for permission to construct, maintain and use a conduit from its property, 318 East 32d street, under and along the southerly side of the roadway of East 32d street, distant 6 feet from the southerly curb line of said street to and into the premises of the Company, known as 344 East 32d street, Borough of Manhattan, and to contain a steam pipe and electric conduits for the conveyance of steam and electric current between said premises.

This application was presented to the Board at the meeting of August 31, 1911, and referred to the Bureau of Franchises.

The Secretary presented the following:

New York, August 12, 1911.

Board of Estimate and Apportionment, Division of Franchises, Room 801, 277 Broadway, New York City:

Gentlemen—We, the Franbro Realty Company, a domestic corporation, hereby make application for consent to construct, maintain and operate a duct under East 32d street, in the Borough of Manhattan, City of New York.

Location of Duct—This duct is to join our property, 318 East 32d street, by running out four feet west of the easterly end of same, into the street, four feet from the curb; then easterly, parallel to the curb a distance of 170 feet, to four feet east of the westerly end of our property, 344 East 32d street; thence into our property.

Use of Duct—This duct is to be used exclusively for supplying our property at 344 West 32d street with steam and electricity from 318 East 32d street.

Construction of Duct--This duct shall be made in the form of a rectangular conduit, outside dimensions being 16 inches wide by 12½ inches deep, having the sides composed of concrete two inches thick and divided into two parts, one part containing two (2) 3½-inch electric conduits, and the other half a 2-inch wrought iron steam pipe with screw joints.

Details of the location of existing substructures, together with proposed construction, are indicated upon the drawing accompanying this application.

Trusting that the Board will give its consent, we remain,

Yours very truly,

FRANBRO REALTY CO., By LOUIS FRANKEL, Treasurer.

Bureau of Franchises, October 13, 1911.

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

Sir—The Franbro Realty Company, a domestic corporation, has presented a petition dated August 12, 1911, to the Board of Estimate and Apportionment for permission to construct, maintain and use a concrete conduit sixteen inches in width and twelve and one-half inches in height, outside dimensions, from its property known as No. 318 East 32nd Street, in the Borough of Manhattan, under and along the southerly side of the roadway of East 32nd Street, and distant six feet from the southerly curbline of said street to and into its property known as No. 344 East 32nd Street. The said conduit is to be divided into two parts by a concrete wall and one part is to contain a steam pipe and the other part two three and one-half inch electric conduits for the conveyance of steam and electric current from a plant situated in No. 318 to No. 344 East 32nd Street. I caused an examination to be made and no objections were found to the project.

A copy of the petition with accompanying plan was sent to the President of the Borough of Manhattan and the Commissioner of Water Supply, Gas and Electricity with a request that examinations be made by the various bureaus of their Departments having jurisdiction with a view to ascertaining if there are any objections to the project or any particular conditions which should be incorporated in the form of consent heretofore used by the Board for similar privileges.

In a reply dated October 5, 1911, the Commissioner of Public Works states there are no objections to the conduit nor is there reason to insert any special conditions in the form of consent.

The reply from the Department of Water Supply, Gas and Electricity, dated September 5, 1911, states that there are no objections, but it will be unwise to enclose the electric cables and steam pipe in the same structure as the heat from the steam main would have a bad effect upon the rubber insulation.

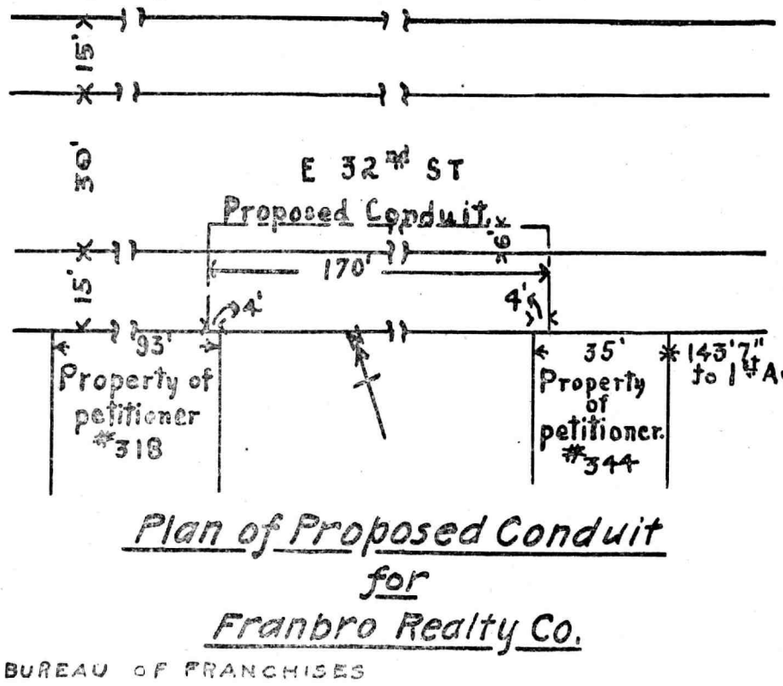
The petitioner was notified of this criticism and under date of September 13, 1911, I was informed that to overcome the same electric cables having saturated paper or varnished cloth insulation would be used thus avoiding the use of rubber which might be affected by the heat. The Department of Water Supply, Gas and Electricity was advised of this alteration and in reply dated September 29, 1911, it was stated that if saturated paper be employed for the insulation of the electric cables the Department would be satisfied. It has, therefore, been made a condition of the form of consent herewith submitted, that the cables be insulated with saturated paper to the satisfaction of the Department of Water Supply, Gas and Elecricity.

As there are no objections to the proposed conduit, I can see no good reason why the requested permission should not be given should the Board see fit to do so. In such case I would suggest that consent be granted only during the pleasure of the Board, but in no case to extend beyond a term of ten (10) years from the date of the approval of the consent by the Mayor and revocable upon sixty (60) days' notice in writing, and that it be made a condition of the consent that a security deposit in the sum of One thousand dollars be required, said deposit to be in the form of either money or securities to be approved by and deposited with the Comptroller for the faithful performance of the terms and conditions of the consent.

The proposed conduit is equal in area to one sixteen-inch pipe and its length within the lines of East 32nd Street is two hundred and twelve feet. At the rate heretofore adopted by the Board for private pipes in the city streets, viz: Two dollars per linear foot for pipes not over sixteen inches in diameter and one hundred feet in length and One and 90/100 dollars per linear foot for the next fifty feet and One and 80/100 dollars per linear foot for the next fifty feet and One and 70/100 dollars per linear foot for the next fifty feet, the charge for the conduit should be the sum of Four hundred and five and 40.100 dollars ($405.40) per annum. Such sum should be paid into the City Treasury in advance on November 1 of each year.

The customary form of resolution granting the consent is herewith submitted.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.



Plan of Proposed Conduit for Franbro Realty Co.

BUREAU OF FRANCHISES

The following was offered:

Whereas, The Franbro Realty Company has presented a petition dated August 12, 1911, to the Board of Estimate and Apportionment for its consent to the construction, maintenance and use of a conduit under and along the roadway of East 32nd Street, Borough of Manhattan, from its premises known as No. 318 East 32nd Street, to its premises known as No. 344 East 32nd Street, for the purpose of conveying steam and electric current between the said premises; now, therefore, be it

Resolved, That the consent of the Corporation of The City of Nw York be and the same is hereby given to the Franbro Realty Company, a domestic corporation, and the owner of certain properties on the southerly side of East 32nd Street, Borough of Manhattan, known as Nos. 318 and 344 East 32nd Street, to construct, maintain and use a concrete conduit sixteen inches in width and twelve and one-half inches in height outside dimensions under and along the southerly side of the roadway of East 32nd Street; six feet from the southerly curb of said street, connecting the said properties for the purpose of conveying steam and electric current between the said properties, for the exclusive use of the petitioner and for no other purpose, all as shown on the plan accompanying the application and entitled:

"Plan showing location of Proposed Duct to be constructed in East 32nd Street, Borough of Manhattan, to accompany application dated Aug. 12, 1911, of Franbro Realty Co. to the Board of Estimate and Apportionment City of New York,"

—and signed Franbro Realty Co., a copy of which is attached thereto, and made a part hereof, upon the following terms and conditions:

1. Said consent shall continue only during the pleasure of the Board of Estimate and Apportionment, and shall be revocable upon sixty (60) days' notice in writing to the grantee, but in no case shall it extend beyond a term of ten (10) years from the date of its approval by the Mayor, and thereupon all rights of the grantee in said street by virtue of this consent shall cease and determine.

2. The grantee shall pay into the Treasury of The City of New York, as compensation for the privilege hereby granted the sum of Four hundred and five and 40.100 dollars ($405.40) per annum.

Such payments shall be made in advance on November 1 of each year, provided, however, that the first payment shall be made within sixty (60) days of the approval of this consent by the Mayor, and shall be only such proportion of the annual charge as the time between the approval of this consent by the Mayor and November 1 following bears to a whole year.

Such payments shall not be considered in any manner in the nature of a tax, but shall be in addition to any and all taxes of whatsoever kind or description now or hereafter required to be paid under any ordinance of The City of New York, or by any law of the State of New York.

3. Upon the removal of the grantee from either of the premises to be connected by the structure, or upon the revocation or termination by limitation of this consent, the grantee shall cause the structure hereby authorized to be removed and all of said street affected by this permission to be restored to its proper and original condition, if required so to do by The City of New York or its duly authorized representatives, and the entire cost of such work shall be borne by the said grantee. If the structure hereby authorized shall not be required to be removed, it is agreed that it shall become the property of The City of New York.

4. This consent is for the exclusive use of the grantee and shall not be assigned either in whole or in part, or leased or sublet in any manner, nor shall title thereto, or right, interest or property therein pass to or vest in any other person, firm or corporation whatsoever, either by the acts of the grantee or by operation of law, without the consent in writing of The City of New York, acting by the Board of Estimate and Apportionment.

5. The grantee shall pay the entire cost of all work, labor and material in connection with the structure hereby authorized, and particularly—

(a) Its construction, maintenance and removal.

(b) The protection of all structures which shall in any way be disturbed by its construction or removal.

(c) All changes in sewers or other subsurface structures necessitated by its construction or removal, including the laying or relaying of pipes, conduits, sewers or other structures.

(d) The replacing or restoring of the pavement in said street which may be disturbed during its construction or removal.

(e) Each and every item of the increased cost of the installation of any future structures or repairs or alterations to any existing or future structures caused by its presence in the street.

(f) The inspection of all work during its construction or removal as herein provided, which may be required by the President of the Borough and the Commissioner of Water Supply, Gas and Electricity.

6. Before the construction or removal shall be begun, the grantee shall obtain permits to do the work from the President of the Borough and from the Commissioner of Water Supply, Gas and Electricity. The grantee shall perform all the duties which may be imposed by those officials as conditions of such permits, provided such conditions are not inconsistent with the provisions of this consent. The grantee shall submit to those officials working plans which shall include and show in detail the method of construction of the structure hereby authorized and the mode of protection or changes in all structures required by the construction or removal of the same.

Upon the completion of the work, the grantee shall furnish to the President of the Borough a plan of such character as he may direct, showing accurately and distinctly the location, size and type of construction and complete dimensions of the structure erected or installed under this consent; also the location and dimensions of all substructures, encountered during the progress of the work. The depth below the street surface of the new structure and of the substructures encountered must be shown; also their location with reference to the nearest curb line and the nearest curb-line intersection.

The cables to be installed in the said conduit shall be insulated with saturated paper to the satisfaction of the Department of Water Supply, Gas and Electricity.

7. The grantee shall allow to The City of New York a right of way through, under or above any part of the structure hereby authorized for any and all structures which are now or may be hereafter placed by The City of New York in said street.

If at any time it shall become necessary to replace or alter any structure in said street, the City shall have the right to break through or remove all or any portion of the structure hereby authorized and the grantee shall pay to the City the expense incurred by such removal.

8. The structure hereby authorized and any fixtures laid therein shall be constructed, maintained and operated subject to the supervision and control of the proper authorities of The City of New York. It shall be open at all times to the inspection of all the authorities who have jurisdiction in such matters under the Charter of The City of New York.

9. This consent is subject to whatever right, title or interest the owners of abutting property or others may have in and to said street.

10. Said grantee shall be liable for all damages to persons or property, including the street and structures therein and thereunder, by reason of the construction and operation or maintenance of the structure hereby authorized, and it is a condition of this consent that the City of New York assumes no liability to either person or property on account of this consent.

11. This consent is granted on the further and express condition that all laws or ordinances now in force, or which may hereafter be adopted, shall be strictly complied with.

12. This consent is upon the express condition that within sixty (60) days after its approval by the Mayor, and before anything is done in exercise of the rights conferred hereby, the grantee shall deposit with the Comptroller of The City of New York the sum of One thousand dollars ($1,000), either in money or in securities to be approved by him, which fund shall be security for the performance of the terms and conditions of this consent, especially those which relate to the payment of the annual charge, the repairs of the street pavement and the removal of the structure hereby authorized. In case of default in the performance by said grantee of any of such terms and conditions, The City of New York shall have the right to cause the work to be done and the materials to be furnished for making the necessary changes or repairs, after ten (10) days' notice, and shall collect the reasonable cost thereof from the said fund, without legal proceedings, or in case of default in the payment of the annual charge, shall collect the same, with interest, from such fund after ten (10) days' notice in writing to the said grantee.

In case of any drafts so made upon the security fund the said grantee shall, upon thirty (30) days' notice in writing, pay to the Comptroller of The City of New York a sum of money sufficient to restore the said fund to the original amount of One thousand Dollars (1,000), and in default of the payment thereof, the consent hereby given may be cancelled and annulled, at the option of the Board of Estimate

and Apportionment of The City of New York, acting on behalf of said City. No action or proceeding or rights under the provisions of this section shall affect any other legal rights, remedies or causes of action belonging to The City of New York.

13. Said grantee shall give notice, in writing, to the President of the Borough and to the Commissioner of Water Supply, Gas and Electricity of its intention to begin the work hereby authorized at least forty-eight hours before such work commences. The grantee shall also give to the Board of Estimate and Apportionment notice, in writing, of the date on which the work is commenced and also the date on which the same is completed, not later than ten (10) days after such dates.

14. Said grantee shall commence the construction of the structure hereby authorized and complete the same on or before June 1, 1912, otherwise this consent shall be forfeited forthwith, and without any proceedings, either at law or otherwise, for that purpose; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

15. This consent shall be null and void unless said grantee shall duly execute an instrument in writing, wherein said grantee shall accept this consent and shall promise, covenant and agree to conform to, abide by and perform all the terms, conditions and requirements in this consent fixed and contained and file said instrument with the Board of Estimate and Apportionment of The City of New York within thirty (30) days after the approval of this consent by the Mayor; provided, however, that such time may be extended by the Board of Estimate and Apportionment.

And said grantee shall promise, covenant and agree in said instrument to hold The City of New York harmless from all damages to persons or property which may result from the construction, use, maintenance or operation of the structure hereby authorized.

Which was adopted by the following vote:

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

Thomas Conville Brewing Company.

In the matter of the application of Thomas Conville Brewing Company for permission to continue to maintain and use a six-inch pipe from its brewery premises, 338 East 46th street, under and along East 46th street, to the East River, Borough of Manhattan, for the purpose of obtaining salt water.

This petition was presented to the Board at the meeting of July 1, 1910, and referred to the Bureau of Franchises.

The Secretary presented the following:

Bureau of Franchises, October 19, 1911.

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

Sir—By resolution adopted by the Board of Aldermen on October 18, 1892, which became effective November 3, 1892, permission was granted to Thomas Conville to lay a six-inch pipe from his brewery premises at No. 338 East 46th Street, Borough of Manhattan, under and along East 46th Street to the East River, for the purpose of obtaining salt water; the permission to continue only during the pleasure of the Common Council. The resolution provided that compensation for the privilege should be determined by the Commissioners of the Sinking Fund, and on December 1, 1892, said Commissioners adopted a resolution fixing the compensation at the sum of one hundred and thirty-five dollars per annum, and providing that Thomas Conville should file a satisfactory bond with the Comptroller. I have been informed that, pursuant to such requirement, a bond in the sum of fifteen hundred dollars was filed in the Department of Finance; the sureties on the bond being Henry L. Byrnes and Charles O'Brien.

At the meeting of the Board of Estimate and Apportionment held April 1, 1910, the Comptroller reported that the compensation had not been regularly paid and at his request the consent of the Board of Aldermen was rescinded at the same meeting and the Company directed to present application in writing to the Board for permission to continue to maintain and use the pipe. This course of action was requested by the Comptroller in order that the Company might be required to deposit a security fund in his office as is provided in the form of consent for similar privileges now used by the Board, from which fund the annual payments could be collected without legal action, if not paid by the grantee.

At the meeting of the Board held May 13, 1910, a resolution was adopted reciting that the required application had not been received and directing the Company to present the same on or before May 31, 1910, or remove the pipe from within the lines of East 46th Street on or before July 1, 1910. The required application was not presented by the date specified, but on June 28, 1910, the Thomas Conville Brewing Company presented a petition reciting that it was a domestic corporation and had succeeded to all the rights of Thomas Conville in the said brewery premises and praying for permission to continue to maintain and use the pipe, and further praying that its petition be accepted as a compliance with the resolution of the Board requiring Thomas Conville to file a petition by May 31. The petition further recited that the annual compensation at the rate provided in the original consent had been entirely paid up to December 6, 1910. This petition was presented to the Board at the meeting held July 1, 1910, and referred to this Bureau.

Late in September, 1910, after the receipt of communications from the President of the Borough and the Commissioner of Water Supply, Gas and Electricity stating that there were no objections to the continued maintenance and use of the pipe, a form of report and resolution granting the requested consent was prepared, but before the matter could be presented to the Board the Company went into the hands of A. Gordon Murray of 60 Wall Street and John Conville of 165 Broadway, as receivers for the Company. After some correspondence with the receivers and several conferences with John Conville and his attorneys, Blumenstiel & Blumenstiel, of 25 Pine Street, during which I was informed that the petition in bankruptcy would probably be dismissed, the receivers discharged and the business continued under a form of trust agreement, it was deemed best to temporarily withhold the proposed report in order to avoid embarrassing the receivers in their attempts to provide for the resumption of the business. Later, however, the Receivers found it impossible to resume business and in a communication dated August 9, Mr. Murray, as receiver, advised me that, pursuant to an order of the United States District Court, the Conville Brewery had been sold on July 7, 1911, to Obermeyer and Liebman.

In response to an inquiry Obermeyer and Liebman informed this office that the pipe had not been in use for some months, and further that the brewery business in the Conville premises in East 46th Street would shortly be discontinued.

Under date of August 1, 1911, Mr. Henry L. Byrnes, one of the sureties on the bond, filed in the Department of Finance, as hereinabove mentioned, addressed a communication to this office, requesting to be relieved from the said bond and all liability thereunder.

As it has been customary in similar cases to cause the removal of the structure before releasing the bond, a communication was addressed to the Corporation Counsel suggesting that notice be served upon the Thomas Conville Brewing Company or its assigns, to entirely remove the pipe from within the lines of East 46th Street. In a reply dated September 16, 1911, the Acting Corporation Counsel suggests that as a practical matter the Board of Estimate and Apportionment direct Thomas Conville and his successor, the Thomas Conville Brewing Company, as well as the sureties on the bond, to remove the pipe forthwith. The communication adds in the event of refusal to perform the work, the advisability of removing the structure at the expense of the City, with the intention of recovering such expense from any of the persons named, may be considered. In accordance with this opinion of the Law Department, a form of resolution has been drawn up and is herewith submitted for adoption, directing Thomas Conville and his successor, The Thomas Conville Brewing Company, and Charles O'Brien of 868 Second Avenue and Henry L. Byrnes of 445 Seventh Avenue, New York City, as sureties on the bond, to remove the pipe not later than December 15, 1911, and to advise the Board on or before November 15, 1911, if it is their intention to comply with the said direction. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following was offered:

Resolved, That Thomas Conville, his successor The Thomas Conville Brewing Company, and the sureties on a certain bond executed December 7, 1892, on file in the Department of Finance under and pursuant to resolution adopted by the Board of Aldermen October 18, 1892, which became effective November 3, 1892, to wit: Charles O'Brien, 868 Second Avenue, and Henry L. Byrnes, 445 Seventh Avenue, Borough of Manhattan, be and they are each and all of them herein and hereby directed to remove from within the lines of the public streets, avenues and highways, a certain 6 inch pipe connecting the former premises of Thomas Conville, at 338 East 46th Street, Borough of Manhattan, with the East River, for the purpose of obtaining salt water, on or before December 15, 1911, and restore the street surface to its original condition at their own cost and expense; all work to be done under the supervision and to the satisfaction of the President of the Borough of Manhattan and the Commissioner of Water Supply, Gas and Electricity; and be it further

Resolved, That the aforementioned parties and each and all of them be and they are hereby directed to advise this Board in writing on or before November 15, 1911, if it is their intention to comply with the aforesaid direction, and be it further

Resolved, that the petition dated June 28, 1910, presented to this Board July 1, 1910, of the Thomas Conville Brewing Company for permission to continue to maintain and use the afore-mentioned pipe, be and it is hereby denied, and be it further

Resolved, that the Secretary of this Board be and he is hereby directed to forward copies of these resolutions to the above mentioned parties.

Which was adopted by the following vote:

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

Astoria Light, Heat & Power Company.

In the matter of the consent granted to the Astoria Light, Heat & Power Company, to construct, maintain and use an eight-inch pipe under and across East 132d street, east of Locust avenue, Borough of The Bronx.

At the meeting of October 11, 1911, communications were received from the Company, stating work was commenced August 31, 1911, and completed September 1, 1911.

The President of the Borough of The Bronx stated the pipe was laid without a permit from his department, and requested that action on the communication be deferred, pending a report from him. The matter was then laid over until this day.

At the request of the President of the Borough of The Bronx, action was deferred until the meeting of November 9, 1911.

Fire Alarm Companies.

In the matter of the use and occupation of the streets by, and the operation of, certain fire alarm companies without authority.

At the meeting of October 11, 1911, an opinion was received from the Corporation Counsel, and, by resolution duly adopted, the companies operating in Manhattan were directed to properly incorporate where necessary and submit petitions for franchises, on or before December 1, 1911, and advise this Board on or before Octobr 20, 1911, as to their intentions with regard to complying with said direction.

The Secretary presented the following:

Manhattan Fire Alarm Company, Executive and Central Offices, 30 Vesey Street, New York, October 17, 1911.

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

Gentlemen—In obedience to the resolution passed by your Board on the 11th day of October, 1911, whereby among other things it was resolved that the Manhattan Fire Alarm Company and its subsidiary companies, among other companies, "where not properly organized, be directed to incorporate under the proper laws of the State of New York, and to submit to your Board, on or before Friday, December 1, 1911, verified petitions for permission to use the streets of the City," and whereby it was further resolved that the Manhattan Fire Alarm Company "notify this Board on or before Friday, October 21, 1911, whether it will comply with the foregoing resolution," I beg to advise you, first, that said company, the Manhattan Fire Alarm Company, was properly organized, and, second, that on or before Friday, December 1, 1911, it will present its verified petitions asking for permission to use the streets of the City.

* * * * * * * *

MANHATTAN FIRE ALARM COMPANY, W. F. ALLEN, President.

Law Department, The Western Union Telegraph Company, 195 Broadway, New York, October 19, 1911.

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

Dear Sir—I am in receipt of your letter of October 11, addressed to the National District Telegraph Company, the Brooklyn Telegraph & Messenger Company, and the Special Fire Alarm Electrical Signal Company, each enclosing a certified copy of resolution adopted by the Board of Estimate and Apportionment of October 11, 1911.

In reply I beg to advise you that these companies expect to comply with the provisions of the resolution.

Very truly yours, RUSH TAGGART, General Counsel.

Special Fire Alarm Electrical Signal Company, New York City, October 20, 1911.

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

Gentlemen—We will file with your honorable body, prior to December 1, 1911, a petition for a franchise to maintain wires in the Borough of Manhattan, without, in so doing, waiving any of the rights we have or have heretofore enjoyed under permit granted to us by the Board of Electrical Control.

Very respectfully,

SPECIAL FIRE ALARM ELECTRICAL SIGNAL CO., By C. F. PATTERSON, Secretary.

United District Messenger Company, 206 Broadway, New York, October 16, 1911.

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

Dear Sirs—Your favor of October 11, 1911, together with copy of resolution of Board as to franchises, etc., in re fire alarm and messenger companies in this City, duly received.

This company begs to inform you that, in pursuance to such notice, it does not intend to avail itself of the privilege suggested in said notice as to incorporation, and application thereafter for franchises, etc., for the reason that this company has transferred and assigned in due form of law, all of its assets, contracts, etc., to the United Electric Service Company, which has a valid and existing franchise from The City of New York, for the purposes above referred to.

Very truly yours,

UNITED DISTRICT MESSENGER COMPANY, M. W. RAYENS, President.

Olney & Comstock, 68 William Street, New York, October 19, 1911.

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

Gentlemen—We have been retained by the Consolidated Fire Alarm Company and the Automatic Fire Alarm Company, and their subsidiary companies, including the Pneumatic Fire Alarm Company of New York, to advise them what answer to make to your communication to them of October 11, 1911, in which you request them to notify you on or before October 20, 1911, whether or not it is their intention to comply with the provisions of your resolution of that date relating to their organization and the use of the City streets.

Our first knowledge of this matter came when Mr. Richards called, on behalf of the above companies, the day before yesterday. Heretofore, as Mr. Richards informed me, such matters have been attended to by Mr. Cowles, the president of the Automatic Fire Alarm Company, who was a lawyer, but this summer Mr. Cowles died, and we are without the benefit of whatever information he may have had.

Under the circumstances, and inasmuch as the matter seems to require a more or less exhaustive examination of documents, may we ask you to extend the time within which the companies we represent must advise you whether or not they will comply with the provisions of your aforesaid resolution, and, if so, to what extent, so that such time may expire two weeks from October 20, that is, say, to November 3, 1911, inclusive.

Thanking you in advance, we are, Very respectfully yours,

OLNEY & COMSTOCK, By GEO. CARLTON COMSTOCK.

Bureau of Franchises, October 23, 1911.

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

Sir—At the meeting of the Board of Estimate and Apportionment held October 11, 1911, there was presented an opinion of the Corporation Counsel, dated October 14th, with reference to the authority of various fire alarm telegraph companies having

at present connections with Fire Headquarters to operate in the streets of the City of New York, and, in accordance with the suggestions contained therein, the Board adopted a resolution calling upon the companies held to be operating without authority to properly incorporate, where necessary, and submit petitions for franchises on or before December 1, 1911. This resolution also provided that the companies should notify the Board, on or before October 20th, as to their intentions with regard to compliance with this direction.

The companies concerned are the Automatic Fire Alarm Company; Consolidated Fire Alarm Company and its subsidiaries, which includes the Pneumatic Fire Alarm Telegraph Company of New York; the Manhattan Fire Alarm Company and its subsidiaries; the National District Telegraph Company and its subsidiaries, including the Special Fire Alarm Electrical Signal Company and the Brooklyn Telegraph and Messenger Company; and the United District Messenger Company, the last named not connected with Fire Headquarters. Replies have been received from all the companies.

Messrs. Olney & Comstock, as attorneys for the Automatic Fire Alarm Company; the Consolidated Fire Alarm Company and the Pneumatic Fire Alarm Telegraph Company of New York, have written stating that these companies placed this matter in their hands on October 17th and that they desire an extension of time to November 3, 1911, to allow of an examination of the documents submitted to them before being required to advise as to whether the companies concerned will comply with the resolution requiring them to apply for franchises. This appears to be a reasonable request, under the circumstances, and I am therefore submitting a form of resolution extending the time for these companies to answer, to November 3rd, and would suggest its adoption by the Board.

The Manhattan Fire Alarm Company has, by a communication dated October 17, 1911, signified its willingness to apply for a franchise in accordance with the resolution of the Board, but claims "that said company, the Manhattan Fire Alarm Company, was properly organized." That this is not the case clearly appears from the opinion of the Corporation Counsel, which states:

> "Some of these corporations were organized under the Business Corporations Law * * *. These are, of course, clear cases of illegality, because even a grant from the State of the right to operate in the streets is lacking."
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> * * * * * *
>
> "Briefly stated, the objections I find to the franchises in question on the facts presented are as follows:
>
> "Manhattan Fire Alarm Company: Organized 1894—a business corporation. No consent from the local legislative body."

A communication has been addressed to the Manhattan Fire Alarm Company calling attention to the fact that it is held not to be properly incorporated, in this opinion, and a reference to the City Record in which the said opinion has been printed has been furnished for its information.

The National District Telegraph Company; the Brooklyn Telegraph and Messenger Company and the Special Fire Alarm Electrical Signal Company have, by their General Counsel, Mr. Rush Taggart, advised under date of October 19, 1911, that they expect to comply with the provisions of the resolution.

The Special Fire Alarm Electrical Signal Company itself, by the hand of its Secretary, Mr. C. F. Patterson, has also communicated its intent to apply for a franchise. This communication is dated October 20, 1911.

Finally, the United District Messenger Company, by a communication dated October 16, 1911, advises that it does not intend to apply—

> "for the reason that this Company has transferred and assigned in due form of law, all of its assets, contracts, etc., to the United Electric Service Company, which has a valid and existing franchise from the City of New York for the purposes above referred to."

The United Electric Service Company is a properly organized Company, which applied for and obtained from the Board a franchise to lay wires in the streets of the City of New York, to be used in the operation of electrical call boxes for providing calls and signals for messages and messengers, by a contract executed December 16, 1909. Previous to the application of the United Electric Service Company for this grant, the United District Messenger Company had applied for a similar privilege and the Corporation Counsel, under date of March 17, 1906, held that the said District Company was not properly organized, and its petition was denied. Thereupon, the United Electric Service Company was organized by the interests which control the United District Messenger Company, to apply for the same privilege which was granted as heretofore stated. The history of this matter will be found in the report of this Bureau on the application of the United Electric Service Company, dated July 2, 1907, and presented to the Board July 8, 1907.

Upon receipt of the communication from the United District Messenger Company, a communication was addressed to that Company requesting it to furnish a certified copy of the assignment or transfer made by it to the United Electric Service Company, and a further statement as to what future business is to be carried on by that company.

The above are all the companies which were called on at the meeting of October 11th to apply for franchises to use the streets of the City.

I would therefore suggest the adoption of the resolution relating to the Automatic Fire Alarm Company; the Consolidated Fire Alarm Company and the Pneumatic Company, referred to above. A further report will be made, when the applications are received.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

P. G. Durkin, of Olney & Comstock, attorneys for the Automatic, the Pneumatic, and the Consolidated companies, requested that an extension of time be granted, until November 10, 1911.

The following was offered:

Whereas, This Board did, at its meeting held October 11, 1911, adopt a resolution calling upon various fire alarm telegraph companies to properly incorporate and present petitions for franchises on or before December 1, 1911, and to notify the Board whether they would comply with this resolution on or before Friday, October 20, 1911; and

Whereas, In a communication presented this day the Attorneys for the Consolidated Fire Alarm Company, the Automatic Fire Alarm Company and their subsidiary companies, including the Pneumatic Fire Alarm Telegraph Company of New York, have requested an extension of time in which to advise as to whether such companies will comply with the above-mentioned resolutions; now, therefore, be it

Resolved, That the Consolidated Fire Alarm Company, the Automatic Fire Alarm Company, and their subsidiary companies, including the Pneumatic Fire Alarm Telegraph Company of New York, be and they are hereby granted an extension of time to and until November 10, 1911, to advise this Board whether they will comply with the resolution requiring them to properly incorporate and submit petitions for franchises to operate in the streets of The City of New York.

Which was adopted by the following vote:

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

Nassau Electric Railroad Company.

A communication dated October 20, 1911, was received from the Comptroller of the Nassau Electric Railroad Company, transmitting report under and pursuant to Section 2, Twenty-fifth, of the contract, dated September 7, 1911, granting said company a franchise to construct, maintain and operate a single track extension in Flatbush, 4th and Atlantic avenues, Borough of Brooklyn.

Which was referred to the Bureau of Franchises.

The following matter, not on the calendar for this day, was considered by unanimous consent:

Ocean Electric Railway Company.

The Secretary presented the following:

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York, October 24, 1911.

HARRY P. NICHOLS, *Esq., Engineer in Charge, Bureau of Franchises, Board of Estimate and Apportionment,* 277 Broadway, New York City:

Dear Sir—I transmit herewith for your information a certified copy of an order in Case No. 1316, adopted by the Commission at a meeting on October 24, 1911, directing a rehearing in the matter of the application of the Ocean Electric Railway Company for the approval of an extension of its street surface railroad in Belle Harbor and West Rockaway.

Yours very truly, TRAVIS H. WHITNEY, Secretary.

Case No. 1316—Order for rehearing.

In the matter of the application of Ocean Electric Railway Company for permission and approval of this Commission for the construction and operation of an extension of said Company's street surface railroad in the Borough of Queens, City of New York, pursuant to section 53 of the Public Service Commissions Law.

A final order having been made herein on May 26, 1911, denying the application of the Ocean Electric Railway Company, made pursuant to section 53 of the Public Service Commissions Law, for an extension of its line and tracks through the private property known as Belle Harbor, and the private property of the Neponsit Realty Company, all in the Fifth Ward of the Borough of Queens, and the said Ocean Electric Railway Company having made an application in writing dated September 30, 1911, for a rehearing in respect to the matters determined by said final order, and reasons sufficient in the judgment of the Commission for such rehearing having been made to appear, now therefore, it is

Ordered, That a rehearing of the matters contained in said final order, made May 26, 1911, be held on the 8th day of November, 1911, at 2:30 o'clock in the afternoon, at the rooms of the Commission, No. 154 Nassau street, in the Borough of Manhattan, City and State of New York, to determine whether said final order, or any part thereof, should be reversed, abrogated, changed or modified, and to determine the nature and extent of such changes or modifications, if any, and the time of taking effect of the said order as changed and modified.

Further ordered, That the said Ocean Electric Railway Company be given at least 3 days' notice of such rehearing by service upon them, either personally or by mail, or a certified copy of this order, and that at such rehearing said Company be afforded all reasonable opportunity for presenting evidence and examining and cross-examining witnesses.

Dated, October 24, 1911.

(Seal)

BY THE COMMISSION, TRAVIS H. WHITNEY, Secretary.

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

I, Travis H. Whitney, Secretary of the Public Service Commission for the First District, do hereby certify that I have compared the above with the original adopted by said Commission on October 24, 1911, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission this 24th day of October, 1911.

(Seal)

TRAVIS H. WHITNEY, Secretary.

Bureau of Franchises, October 25, 1911.

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

Sir—Notice has been received from the Public Service Commission that a rehearing has been ordered on Case No. 1316, being an application of the Ocean Electric Railway Company for the consent of the Commission, pursuant to section 53 of the Public Service Commissions Law, to extend its tracks on certain so-called private streets through the subdivisions known at Belle Harbor and the property of the Neponsit Realty Company, in the 5th Ward of the Borough of Queens.

The original application of the Ocean Electric Railway Company for such permission was made to the Commission on February 21, 1911, and, after a hearing, the application was denied. In the opinion handed down by the Commission it was stated:

> "This case also has a relation to the policy of the state as expressed in the City Charter. Section 73 of the Charter of the City of New York provides that no franchise for the use of streets should be granted for a longer period than 25 years, with a right to renewals not exceeding a further period of 25 years on revaluation. It is evident that if street surface railroads can obtain grants in perpetuity from the private owners of proposed streets shortly prior to the cession of those streets to the city, it may become a much used method of obtaining indirectly a continuing right which cannot be obtained under the Charter after the private way has become a public street. When one considers that only a very small fraction of the future streets of the boroughs of Kings, Queens, The Bronx and Richmond have been opened by the city, the possibilities of this method of obtaining perpetual franchises deserves consideration. Unless very unusual and exceptional circumstances exist the procedure in this city would seem to be first to create the public street or streets, then to obtain a franchise from the Board of Estimate and Apportionment, as provided by the Charter, and later to apply to the Commission under section 53 of the Public Service Commissions Law for permission and approval to begin construction and to exercise the franchise. This view of the case seems to be especially pertinent because the city under the street opening provisions of the Charter probably has no power to condemn the tracks and rights of a duly organized railroad corporation."

Since the denial of this application, another question has arisen which seems pertinent in connection with it, to wit,; the acquisition by the City of the so-called Rockaway Beach Park, which property lies immediately to the west of the property upon which it is proposed to extend this railway.

The Company obtained from the City a franchise, in 1903, to construct and maintain a street surface railway on the Boulevard, extending west as far as the Rockaway Park property, a private subdivision. On this property it has laid railway tracks in continuation of the line granted to it by the City. Subsequent to the construction of this line the Public Service Commissions Law was passed and it became necessary to obtain the consent of the Public Service Commission before any further tracks could be laid.

It will thus be seen that should the application (upon the rehearing) be granted, the Company would be permitted to extend its lines almost to the park proposed by the City, without any conditions whatsoever. The land which the City proposes to buy is about a mile in width and extends from the Atlantic Ocean to Jamaica Bay, and one of the most important matters connected with the acquisition of this property is proper transit facilities to the same. At present, this Company would have a monopoly of such facilities, and for quite a distance under private rights alone, without any franchise from the City. It will thus be clearly seen that the City's interests in its park would be but poorly protected should this application be granted, and, if it is denied, it will then become necessary for the Company to apply to the City for a right, when such reasonable conditions may be imposed as will properly safeguard the interests of the people.

I believe, therefore, on account of the very strong reason stated above from the opinion of the Commission, as well as the control which the City should have over this railway which is to furnish transit facilities to the proposed park, that this application upon its rehearing should be opposed by the City, and I would therefore suggest that the Corporation Counsel be directed to appear for the City to oppose the granting of the application.

The hearing is set down for Wednesday, November 8, 1911.

A resolution directing the Corporation Counsel in this matter is enclosed.

Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following was offered:

Resolved, That the Corporation Counsel is hereby requested to represent the City at the hearing before the Public Service Commission upon the application of th Ocean Electric Railway Company for a rehearing in the matter of the petition for the Commission's consent, under section 53 of the Public Service Commissions Law, to the laying of tracks on private streets in Belle Harbor and the lands of the Neponsit Realty Company, in the Fifth Ward, Borough of Queens, which hearing is set for Wednesday, November 8, 1911, at 2.30 o'clock, and to oppose the said petition upon the grounds set forth in the report of the Engineer of the Bureau of Franchises, this day presented to the Board.

Which was adopted by the following vote:

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

FINANCIAL MATTERS.

The following transfers of appropriations were made upon the recommendation of the Comptroller:

$5,000 within the appropriation made to the President of the Borough of Manhattan for the year 1911.

City of New York, Office of the President of the Borough of Manhattan, City Hall, September 26, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—Request is hereby made for the transfer of $5,000 from the appropriation made to this Department, entitled:

President, Borough of Manhattan, 1911.

Bureau of Public Buildings and Offices, Maintenance, Public Buildings and Offices—

1699. Fuel $5,000 00

—the same being in excess of the amount required for the purposes thereof; to the appropriations made to this Department entitled:

President, Borough of Manhattan, 1911.

General Administration—

1656. Contingencies $4,000 00

President, Borough of Manhattan, 1911.

Bureau of Buildings,, Field and Inspection Force—

1708. Contingencies 1,000 00

$5,000 00

—the amount of the appropriations being insufficient to meet the outstanding obligations and anticipated liabilities for the year. Yours respectfully,

GEORGE McANENY, President, Borough of Manhattan.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 18, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 26, 1911, the President of the Borough of Manhattan requested a transfer of $5,000 within appropriations to his office for the year 1911. In connection therewith I report as follows:

The proposed transfer is from the Bureau of Public Buildings and Offices, Maintenance—Public Buildings and Offices, No. 1699, Fuel, $4,000 to go to General Administration, No. 1656, Contingencies, and $1,000 to the Bureau of Buildings, Field and Inspection Force No. 1708—Contingencies.

The appropriation for No. 1656 was $13,000 and the expenditures amount to $12,322.95. The $4,000 is estimated to be necessary to carry the account to the end of the year. It is stated that the present appropriation is insufficient on account of increased car fare and traveling expenses, and contingent expenses for the Commissioner of Public Works and the President of the Borough.

The appropriation for No. 1708 was $4,000, and it is estimated that the additional $1,000 will be necessary for the rest of the year. It is stated that the increased expenditures are due to the cost of additional insurance maps, and postage for notices of various violations formerly sent out by messengers.

There is a sufficient unencumbered balance in No. 1699 for the debit transfer.

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

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Office of the President of the Borough of Manhattan, for the year 1911, as follows:

From

Bureau of Public Buildings and Offices—Maintenance of Public Buildings and Offices.

1699. Fuel $5,000 00

To

General Administration—

1656. Contingencies $4,000 00

Bureau of Buildings—Field and Inspection Force—

1708. Contingencies $1,000 00

Which was adopted by the following vote:

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

$700 within the appropriation made to the Department of Docks and Ferries for the year 1911.

Department of Docks and Ferries, Pier "A," North River, New York, September 27, 1911.

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

Sir—Item No. 150 in this Department's Budget for the year 1911, General Administration, is for Contingencies. It is estimated that to meet the charges against this item for the year, an additional sum of $700 will be required over the present amount appropriated.

Item No. 149, Maintenance of Automobiles, General Administration, has an unencumbered balance of $996, at the present time.

I request that the sum of $700 be transferred from Item No. 149 to Item No. 150.

Yours respectfully, CALVIN TOMPKINS, Commissioner of Docks.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 18, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 28, 1911, the Commissioner of Docks requested a transfer of $700 within appropriations to the Department of Docks and Ferries for the year 1911. In connection therewith I report as follows:

The proposed transfer is from General Administration, No. 149, Maintenance of Automobiles, including Equipment, Care and Storage, to General Administration, No. 150, Contingencies.

The unencumbered balance in No. 149 is $996. The Commissioner states that the $700 is needed in No. 150 to cover the charges for the rest of the year. The appropriation for the account was $850.

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

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 237 of the Greater New York Charter, hereby approves of the transfer of funds appropriated to the Department of Docks and Ferries for the year 1911, as follows:

From

General Administration—

149. Maintenance of Automobiles, including Equipment, Care and Storage $700 00

To

General Administration—

150. Contingencies $700 00

Which was adopted by the following vote:

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

The Secretary presented resolutions (11) of the Board of Aldermen, requesting issues of special revenue bonds (subdivision 8, section 188 of the Charter), as follows:

A—$1,839.87, to provide for the payment of bills incurred by the District Attorney of Richmond County, in 1909;

B—$450, to provide for the salary of a Stenographer in the City Court for the remainder of the year 1911;

C—$1,457.12, for the purpose of meeting expenditures incurred by the Committee on Congestion of Population in New York, prior to reporting to the Board of Aldermen;

D—$42.55, to provide for one day's compensation of veterans (per diem employees)—Decoration Day—in the Department of Parks, Boroughs of Manhattan and Richmond for whom no provision for holidays was made in the Budget for 1911;

E—$2,190.82, to provide for the salary of the Commissioner of Parks, Borough of Queens;

F—$400, to provide for the salary of a Finger Print Expert in the Department of Correction, for four months of 1911;

G—$5,000, to provide for the replenishment of accounts of Bellevue and Allied Hospitals, as follows:

1. For materials for repairs and replacements by Departmental labor.... $3,000 00
2. For special contract obligations (clothing for insane patients)..... 2,000 00

H—$700, for replenishing the Contingent Account of the City Clerk's Office for the year 1911;

I—$600, to provide for the maintenance, storage and care of an automobile for six months, ending December 31, 1911, used by the Mayor's Bureau of Weights and Measures;

J—$10,000, for continuing work in playgrounds and recreation places, Department of Parks, Manhattan and Richmond, for the remainder of the year 1911;

K—$25,000, in carrying laboring force for the remainder of the year 1911, Department of Parks, Boroughs of Manhattan and Richmond; and communications as follows:

From the President of the Borough of Richmond, requesting authority to charge the cost (estimated at $4,000), of repaving Ann street, from Richmond avenue to Avenue B, with sheet asphalt pavement, to the Repaving Fund for 1911;

From the County Judge, Queens County, requesting the issue of $1,066.86, special revenue bonds, to provide for the increase in salary of the County Detective, Queens County, pursuant to chapter 598 of the Laws of 1911;

From the Commissioner of Parks, The Bronx, requesting authority to award, without public advertising, certain additional work on the Zebra House, now being constructed, in the Zoological Park, said additional work amounting to $1,565.

From the President of the Borough of Queens, requesting that the resolution adopted June 1, 1911, authorizing the issue of special revenue bonds (subdivision 8, section 188 of the Charter), be made available for the general purpose of repairing and resurfacing roads;

(On June 1, 1911, the Board adopted a resolution concurring in the resolution of the Board of Aldermen requesting an issue of $14,784 special revenue bonds—for the hire of two steam rollers and two Engineers for 324 days, and 12 teams with Drivers for 1,924 days—to the extent of $14,270.)

From the Commissioner of Parks, Borough of Queens, requesting that the property owned by The City of New York, situated on the old country road opposite Franklin avenue, adjoining Public School 34, in the former Village of Queens, Fourth Ward, Borough of Queens, be turned over to the Department of Parks, Borough of Queens, for the purpose of incorporating the property in the park system of said Borough, in pursuance of chapter 401, Laws of 1908.

(On October 30, 1908, a request of the President of the Borough of Queens for an appropriation of $5,000 for the use of the Department of Parks in developing the above described property into a children's playground, was presented to the Board and referred to the Comptroller.)

(On January 29, 1909, the report of the Comptroller, recommending that the request be denied as the necessity for a children's playground in said vicinity did not exist at that time, was ordered filed, and a copy sent to the President of the Borough of Queens.)

—and

Claims (2) of the J. W. Pratt Company in the sums of $1,912 and $1,657.64 for supplies furnished the Police Department and Department of Public Charities, respectively, submitted pursuant to section 246 of the Charter.

Which were referred to the Comptroller.

The Secretary presented a communication from the attorney for the Queens Borough Public Library, enclosing certified copy of resolution adopted by the Board of Trustees of said library relative to the establishment of grades of positions in connection with the Budget for the year 1912.

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

The Secretary presented a resolution of the Board of Aldermen recommending to the Committee on Standardization of Salaries and Grades, that the rate of wages of per diem Laborers in the various City Departments and offices be fixed at $3, and further recommending that said employees be paid for all holidays, and a

Communication from the Flatbush Taxpayers' Association of Brooklyn, urging the Board to grant the petition of the Firemen, etc., of the Fire Department for increases in salaries.

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 Clerk of the Supreme Court, First Department, requesting that an additional amount be included in the Budget for the year 1912, for salaries of the Supreme Court, First Department, to provide for one Librarian, at $4,000 per annum, pursuant to chapter 832 of the Laws of 1911, and submitting correction in two of the Budget Line Titles;

From the Secretary of the Permanent Census Board, containing resolution adopted by said Board, requesting the Board of Estimate and Apportionment to make provision in the Budget for the year 1912, for the salaries of one Police Lieutenant at $2,250 per annum, and fifty Patrolmen, at $1,400 each per annum, amounting to $72,250;

From Sidney Reid, of 183 Fountain avenue, Brooklyn, requesting that an appropriation be made in the Budget for the year 1912, amounting to $20,000, to provide for searching, collecting, copying and preserving old records, etc., relating to the early history of the towns and villages now known as Greater New York;

From the Commissioner of Correction, requesting that an additional appropriation of $18,200 be allowed in the Budget for the year 1912, for the Department of Correction, to provide for repairs to the docks of the Department and to the sea wall, Rikers Island.

From the Director of the International Sunshine Branch for the Blind, requesting that an appropriation of $10,000 be included in the Budget for the year 1912, for the Blind Babies' Home, Kindergarten, Hospital and Nursery;

From the Public Education Association, submitting for the consideration of the Board, propositions relative to appropriations to be made in the Budget for the year 1912 for salaries of Visiting Teachers and for a continuance of the inquiry into the public school system after the first of January, 1912.

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 a communication from the Cypress Hills Board of Trade, Brooklyn, requesting that provisions be made for the erection of an engine and truck house on Etna and Logan streets, Brooklyn.

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 Secretary presented a communication from the Board of Trustees of Bellevue and Allied Hospitals, requesting that an inspection be made of Bellevue Hospital, with a view to determining whether or not it is advisable to install fireproof stairways, new tanks on roof and to change the standpipe system, as recommended by the Fire Department, in view of the cost involved, and the fact that the building is to be torn down within the next few years.

Which was referred to the Chief Engineer of the Board and the Superintendent of Buildings, Borough of Manhattan, for report.

The Secretary presented a communication from the Police Commissioner recommending the retirement, pursuant to chapter 669 of the Laws of 1911, of George B. Stone, Second Deputy Clerk in the Police Department, on an annual sum or annuity of $1,200.

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

The Secretary presented reports of the Comptroller as follows:

Recommending the acquisition at private sale for the sum of $38,000, of property on the northeasterly corner of St. Nicholas avenue and West 160th street, Manhattan, as a site for a Carnegie Library Building;

Recommending the purchase, at private sale, at a sum not exceeding $20,000, of property on the northerly side of West 179th street, 150 feet west of Audubon avenue, Manhattan, as a site for a Carnegie Library Building.

Which were laid over one week, November 2, 1911.

(On October 19, 1911, the above reports were laid over one week.)

The Secretary presented the following communication from the Department of Parks, Borough of Queens, requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, of the form of contract, plans and specifications, as amended, and estimate of cost ($7,500), for the erection and completion of an engineering and construction office in Forest Park, Borough of Queens, under the jurisdiction of said Department:

The City of New York, Department of Parks, Arsenal, Central Park, September 28, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—As required by resolution of the Board of Estimate and Apportionment, I beg to forward herewith, for approval, plans, specifications and form of contract for the erection and completion of a temporary engineering and construction office in Forest Park, in the Borough of Queens.

This work is estimated to cost approximately $7,500, and will be chargeable against the fund recently provided, by issue of corporate stock, for the improvement of Forest Park.

The proposed structure, while intended and immediately required for the purpose named, is likely to later become part of a permanent building to be erected for general park uses. Respectfully,

WALTER G. ELIOT, Commissioner of Parks, Borough of Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 19, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 28, 1911, the Commissioner of Parks, Borough of Queens, transmitted for approval form of contract, plans, specifications and estimate of cost in the sum of $7,500 for the erection of an engineering and construction office in Forest Park, Borough of Queens.

It is proposed to charge the cost of the work to a corporate stock fund of $100,000 approved by the Board of Estimate and Apportionment on July 17, 1911, for the construction of roadways, paths, fences, water supply systems, etc., in Forest Park.

The park comprises 653 acres in the Ridgewood section and is about two and one-half miles in length, with an average width of about two-fifths of a mile. The park is unfenced and is practically without improvements. A single park road runs through the park. With the $100,000 appropriation it is proposed, in addition to the engineering and construction office, to build walks and drives, install a water supply system, lay drainage pipes, and otherwise improve the park.

The proposed structure is to be used as the office of the engineering force necessary for the work.

The building is to be located on an elevation at the extreme easterly end of the park. The Commissioner is of the opinion that the situation is especially desirable, for the reason that many of the proposed improvements will be in the vicinity. The building, he states, will eventually be utilized as a restaurant or as a part of a larger structure for executive offices for the Department.

The proposed building is to be about 50 by 40 feet, and of one story and basement. The walls are to be of hollow tile. The design is to be of Spanish mission architecture.

The form of contract, plans and specifications as submitted were incomplete. Changes have been made with the consent and approval of the Architects, and, as amended, the form of contract, the plans and specifications are satisfactory. The estimate of cost is reasonable.

I recommend the adoption of the attached resolution approving the request with the necessary amendments noted above.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 17, 1911, as amended on August 31, 1911, hereby approves the form of contract, plans and specifications, as amended, and the estimate of cost in the sum of seven thousand five hundred dollars ($7,500) for work, under the jurisdiction of the Department of Parks, Borough of Queens, as follows:

For all labor and materials required for the erection and completition of an engineering and construction office located in Forest Park, Borough of Queens, together with all work incidental thereto.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Department of Parks, Borough of The Bronx, requesting, and report of the Comptroller recommending approval, pursuant to resolution adopted July 17, as amended August 31, 1911, of the form of contract, as amended, plans, specifications and estimate of cost ($9,800) for erecting wrought iron fences along the boundaries of Crotona Park, under the jurisdiction of said Department:

September 29, 1911.

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

Sir—Pursuant to a resolution adopted by the Board of Estimate and Apportionment, on July 13, 1911, I submit herewith, by order of the Commissioner of Parks, Borough of The Bronx, plans and specifications for the following contract, the estimated cost of which is nine thousand eight hundred dollars ($9,800).

"For furnishing all the labor and materials for erecting wrought iron fence along the boundaries of Crotona Park, in the Borough of The Bronx, in The City of New York."

Yours very truly, M. SCHENCK, Chief Engineer.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 16, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 29, 1911, the Commissioner of Parks, Borough of The Bronx, requested approval of the form of contract, plans, specifications and estimate of cost in the sum of $9,800, for erecting a wrought iron fence along the boundaries of Crotona Park, in the Borough of The Bronx.

The boundaries of the park are without fence except certain sections which have temporary guard railing. It is proposed to enclose the park with a wrought iron picket fence with concrete posts.

On July 17, 1911, the Board of Estimate and Apportionment approved of an issue of $10,000 in corporate stock for fencing the park. The proposed fencing is as follows:

Fulton avenue, east side, between Wendover avenue and Crotona Park South; Crotona Park South, north side, between Fulton avenue and Prospect avenue; Crotona Park North, south side, between a point east of Marmion avenue and Prospect avenue; Crotona Park North, south side, between Clinton avenue and Arthur avenue; Arthur avenue, west side, between Crotona Park North and East 177th street; East 177th street, south side, between Arthur avenue and a point opposite Lafontaine avenue.

The total distance to be fenced is 5,300 linear feet.

The fence is to be of wrought iron, six feet six inches high, with every third post of concrete. The fence is of simple design without ornamentation of any kind. The estimated cost of $9,800 is at the rate of about $1.85 per linear foot, and is reasonable.

Upon examination it was found necessary to make certain corrections in the proposals for bids and the form of contract. As amended, these, together with the plans and specifications, are satisfactory.

I recommend the adoption of the attached resolution approving the request with necessary amendments noted.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 17, 1911, as amended on August 31, 1911, hereby approves of the form of contract, as amended, the plans and specifications and estimate of cost, in the sum of nine thousand eight hundred dollars ($9,800) for work under the jurisdiction of the Commissioner of Parks, Borough of The Bronx, as follows:

For furnishing all the labor and materials for erecting wrought iron fence along the boundaries of Crotona Park, in the Borough of The Bronx.

Which was adopted by the following vote:

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

The Secretary presented the following resolutions of the Board of Aldermen, requesting issues of special revenue bonds (subdivision 8, section 188 of the Charter), as follows:

A—$16,633, the proceeds to be used by the President of the Borough of Brooklyn for the purpose of making alterations and properly fitting the premises on the southeast corner of Willoughby and Raymond streets, Brooklyn, for use as a civil prison;

B—$2,908.50, the proceeds to be used by the Sheriff of Kings County for the purpose of furnishing and equipping premises on the southeast corner of Willoughby and Raymond streets, Brooklyn, for use as a civil prison, communication from the Sheriff of Kings County relative thereto and report of the Comptroller recommendng approval of said requests:

(On September 21, 1911, two resolutions of the Board of Aldermen requesting issues of special revenue bonds in the above amounts, and for the above purposes, were referred to the Comptroller.)

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 sixteen thousand six hundred and thirty-three dollars ($16,633), the proceeds whereof to be used by the President, Borough of Brooklyn, for the purpose of making alterations and properly fitting the premises situate southeast corner Willoughby and Raymond streets, Borough of Brooklyn, for use as a civil prison.

Adopted by the Board of Aldermen, June 6, 1911, three-fourths of all the members voting in favor thereof, having been first advertised, as required by law.

Received from his Honor, the Mayor, June 20, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

P. J. SCULLY, Clerk.

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of two thousand nine hundred and eight dollars and fifty cents ($2,908.50), the proceeds whereof to be used by the Sheriff of Kings County for the purpose of furnishing and equipping premises situate southeast corner of Willoughby and Raymond streets, Borough of Brooklyn, for use as a civil prison.

Adopted by the Board of Aldermen, June 6, 1911, three-fourths of all the members voting in favor thereof, having been first advertised, as required by law.

Received from his Honor, the Mayor, June 20, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

P. J. SCULLY, Clerk.

Office of the Sheriff of Kings County, Court House, Borough of Brooklyn, New York City, New York, October 16, 1911.

Hon. WILLIAM J. GAYNOR, *Mayor of The City of New York,* City Hall, New York City:

Sir—I beg to acknowledge receipt of the letter of the 10th inst., signed by your Secretary, and enclosing report by Henry Solomon, Commissioner, on the Kings County Jail.

This report is correct, and I agree with the Commissioner in every respect. The conditions set forth in his report are not due to neglect on my part, as the following facts will show:

On February 14, 1910, about one month after I assumed the office of Sheriff, I wrote the Commissioners of the Sinking Fund, calling their attention to the condition of the civil jail in this County, and requesting that it designate, under section 695 of the Charter, a proper, adequate and sanitary place where civil prisoners might be incarcerated.

On February 26, 1910, I again wrote this Commission, requesting it to designate a suitable place, and advising it that the Department of Correction had requested me to vacate the portion of Raymond Street Jail used as a civil prison, as the same was required for hospital purposes and also for a chapel, and the contractor was waiting for me to vacate the premises in question so that he might carry out his contract.

On April 11, 1910, I wrote Mr. George McLaughlin, Secretary, State Commission of Prisons, acknowledging the receipt of the report of the Commissioner of Prisons for the year 1910, which report was similar to that of this year, and advising the Commission that I had requested the Commissioners of the Sinking Fund to designate a proper place as a civil prison, and asking Mr. McLaughlin to co-operate with me to that end.

On April 28, 1910, I communicated, by letter, with Hon. William A. Prendergast, Comptroller of The City of New York, asking his aid, as I had been advised that the matter had been referred to him and Mr. O'Malley of the Finance Department by the Sinking Fund Commission. I also informed him that I feared for the safety and health of the prisoners in my custody.

On June 1, 1910, I was again requested by the Commissioner of Correction to vacate the premises so that the contractor, altering Raymond Street Jail, might proceed with his contract. On June 2, 1910, I replied to the Commissioner, stating that, under the law, without the hazard of being removed from office, I could not occupy a portion of Raymond Street Jail where the civil prisoners would come in contact with criminal prisoners, and stating that I would again request the Sinking Fund Commission to designate a proper place.

On this date I also wrote the Comptroller, calling the matter to his attention, and urging him to bring the matter before the Sinking Fund Commission, and stating that the suggestion of Commissioner Whitney, that the civil prisoners under my care be placed in the lower tier of Raymond Street Jail, south, could not be accepted, for the reason that the law positively prohibits the detention of civil prisoners where criminal prisoners are detained, and a violation of this law involves very serious penalties upon the Sheriff or other officer.

On June 7, 1910, in replying to a letter from Commissioner Whitney, I protested against any interference with the water and sewerage systems of the civil prison during my occupancy, and urged him to assist me in having the Sinking Fund Commission designate a proper place.

On July 18, 1910, I wrote the Board of Estimate and Apportionment that in the Budget for 1911 I had asked for an appropriation for one Cleaner, two Cooks and one Laundress, and explaining my reasons for doing so. I will quote the following from my letter:

"The attention of the Sinking Fund Commission has been repeatedly called to the unsafe and unsanitary condition of the quarters in the City prison now used by the Sheriff of Kings County as a civil prison, and I am informed that steps have already been taken by said Commission to provide the Sheriff with a separate building, to be used as a civil prison."

Subsequently the Sinking Fund Commission designated an old building within the grounds of Raymond Street Jail, to be used as a civil prison. This building was reconstructed and put in a sanitary condition. From the time that the work was started on this building I have urged its completion as soon as possible.

In the month of May, 1911, I was successful in having the Board of Aldermen appropriate the sum of twenty thousand five hundred and forty-one dollars and fifty cents ($20,541.50) to equip the new jail, and the matter was then referred to the Board of Estimate and Apportionment, and is still in the hands of the members of this Board, unacted upon.

Since February, 1910, one month after I took office, and prior to any report

coming to me from the State Commissioner of Prisons, I have urged the necessity of a new jail. The matter was delayed by the Sinking Fund Commission, and is now delayed by the Board of Estimate and Apportionment. The report of the Prison Commission is correct and I regret that so little attention has been paid by the City officials to my various communications in regard to this matter.

Yours very truly, PATRICK H. QUINN, Sheriff, Kings County.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 20, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On June 6, 1911, the Board of Aldermen adopted a resolution requesting $16,633 in special revenue bonds, the proceeds to be used by the President of the Borough of Brooklyn for the purpose of making alterations and properly fitting the premises on the southeast corner of Willoughby and Raymond streets, Brooklyn, for use as a civil prison. On the same date the Board requested $2,908.50 in special revenue bonds, the proceeds to be used by the Sheriff of Kings County for the purpose of furnishing and equipping the prison. In connection with both requests, I report as follows:

On January 8, 1908, the Commissioners of the Sinking Fund adopted a resolution authorizing a five-year lease, for a civil prison, under the jurisdiction of the Sheriff of Kings County, of the premises in 113 Schermerhorn street, Brooklyn. The rental approved was $1,200 per annum. The premises afterwards were disapproved for a prison by the Bureau of Public Buildings and Offices. The civil prisoners, therefore, are still housed in the Kings County Jail. The jail has been overhauled with the exception of the top floor occupied by the Sheriff for the civil prisoners. It is stated that the floor is in a very unsanitary condition, and that as soon as it is vacated by the Sheriff it will be fitted up for the prison chapel.

The building proposed for alteration is a three-story brick structure, formerly used as a storehouse by the Commissioner of Correction. The following is an itemized list of the estimated cost for alterations and fittings:

	Engineer's Estimate.
Removing second and third floors and replacing the same with fireproof construction and putting in new cement floors	$2,400 00
East door in the first story changed to window	50 00
West window on Willoughby street changed to door with steps	300 00
Plastering walls of first story with cement wainscoting	250 00
Plastering ceiling of first story	100 00
Putting in 26 new burglar-proof window grilles (Engineers' estimate for 10 grilles only)	250 00
Putting in 34 cells with locking device (plans show but 30 cells—Engineers estimate them at $150 each)	4,500 00
Trim for windows and doors (Engineers contemplate using present doors, etc.)	50 00
Partitions in first story (terra cotta)	100 00
Closets in first and second story	100 00
All plumbing, water and sewer connections	1,925 00
Electric light wiring and fixtures	540 00
Steam heating	600 00
Fire escape tower and balconies	1,000 00
Removing present roof and putting on iron construction with new roof	1,500 00
Painting (Architect has omitted this item)	600 00
Total	$14,265 00
Add 10 per cent. for profit, contingencies, etc	1,427 00
Total	$15,692 00
Architects' fees at six per cent	941 00
Grand estimated total	$16,633 00

The following table covers the estimated cost of furnishing and equipping:

Mattresses, 5 dozen, 3 by 6 feet, at $5	$300 00
Sheets, unbleached, 45 by 63 inches, 500 at 50 cents	250 00
Pillow cases, unbleached, 42 by 36 inches, 250 at 40 cents	100 00
Pillows, 5 dozen, at $1 each	60 00
Blankets, 250 at $3.50 a pair	437 50
Towels, 24 dozen at $3 per dozen	72 00
Hair brushes and combs, 8 dozen at $4 per dozen	32 00
Mess gear, enameled ware (plate, cup, bowl, knife, fork, spoon, extra cup for cell), 100 sets at $1.50	150 00
Kitchen equipment and miscellaneous items (gas range, cooking utensils, pans, kettles, pots, baskets, cuspidors, buckets)	1,100 00
One metal filing cabinet	150 00
One flat top desk	50 00
One chair for desk	7 00
Two dining tables	50 00
Five dozen chairs, $30 per dozen	150 00
	$2,908 50

I recommend the adoption of the attached resolutions approving the requests.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on June 6, 1911, requesting an issue of special revenue bonds in the sum of sixteen thousand six hundred and thirty-three dollars ($16,633), the proceeds whereof to be used by the President of the Borough of Brooklyn, for the purpose of making alterations and properly fitting the premises situated southeast corner Willoughby and Raymond streets, Borough of Brooklyn, for use as a civil prison, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding sixteen thousand, six hundred and thirty-three dollars ($16,633), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on June 6, 1911, requesting an issue of special revenue bonds in the sum of two thousand nine hundred and eight dollars and fifty cents ($2,908.50), the proceeds whereof to be used by the Sheriff of Kings County for the purpose of furnishing and equipping premises situate southeast corner of Willoughby and Raymond streets, Borough of Brooklyn, for use as a civil prison, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment, and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to the provisions of sub-division 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding two thousand, nine hundred and eight dollars and fifty cents ($2,908.50), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Commissioner of Water Supply, Gas and Electricty transmitting application of Henry A. Purdy, Inspector of Hydrants, for retirement pursuant to Chapter 669 of the Laws of 1911, and recommending same, communication from his Honor, the Mayor, endorsing said request, and report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen, recommending that the application for the retirement of Henry A. Purdy, employed as an Inspector of Hydrants in the Department of Water Supply, Gas and Electricity, be approved, and that he be retired on an annuity of $900, to take effect on November 1, 1911, pursuant to chapter 669 of the Laws of 1911.

(On September 21, 1911, a communication from the Commissioner of Water Supply, Gas and Electricity, recommending the retirement of the above employee, was referred back to said Commissioner, with the suggestion that the recommendation be made by a member of the Board).

(On October 5, 1911, a communication from the Mayor recommending said retirement, pursuant to the provisions of chapter 669 of the Laws of 1911, was referred to the above commmittee).

Department of Water Supply, Gas and Electricity, Commissioner's Office, 13-21 Park Row, City of New York, September 5, 1911.

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

Dear Sir—I transmit herewith the application of Henry A. Purdy, Inspector of Hydrants, for retirement, pursuant to chapter 669 of the Laws of 1911.

Mr. Purdy is now 80 years of age and, according to the certificate of his physician, has suffered from general disability during the past five years. I give below the record of Mr. Purdy's appointment and the changes and advancement in his position:

Appointed, March 7, 1881, as Laborer at $2.00 per day; appointed, March 31, 1881, as Inspector of Pipe at Foundry, at $5.00 per day; increased, August 1, 1884, to $7.00 per day; reduced, December 1, 1884, to $5.00 per day; removed, April 1, 1885; reinstated, April 21, 1885; title changed to Inspector of Hydrants, January 14, 1887, at $4.00 per day; increased, May 1, 1902, to $5.00 per day; increased, May 1, 1904, to $1,800 per annum; present salary, $1,800 per annum.

Mr. Purdy is, in my opinion, physically unable to perform his duties as Inspector of Hydrants, and I recommend his retirement.

Yours truly, HENRY S. THOMPSON, Commissioner.

Department of Water Supply, Gas and Electricity, Boroughs of Manhattan and The Bronx, New York, July 26, 1911.

Hon. HENRY S. THOMPSON, *Commissioner, Department of Water Supply, Gas and Electricity:*

Dear Sir—I most respectfully beg of you to recommend me for retirement under chapter 669, Laws of 1911. My age is 80. Term of service in your department is 30 years. Enclosed please find doctor's certificate.

Respectfully yours, HENRY A. PURDY, Inspector.

New York, October 4, 1911.

To the Honorable Board of Estimate and Apportionment:

Gentlemen—Pursuant to authority vested in me as Mayor of the City of New York under the provisions of the Charter, as amended by chapter 669 of the Laws of 1911, I hereby recommend to your Honorable Board the retirement from active service of Henry A. Purdy, an Inspector of Hydrants in the Department of Water Supply, Gas and Electricity. I further recommend that the Board of Estimate and Apportionment grant to Henry A. Purdy the annual sum or annuity of nine hundred dollars ($900), as provided in chapter 669 of the Laws of 1911, such payments to continue during the lifetime of the said Henry A. Purdy.

Mr. Purdy has been actively employed in the Department of Water Supply, Gas and Electricity since March, 1881, with the exception of about twenty days from April 1, 1885, to April 21, 1885, aggregating over thirty years.

By reason of physical disabilities Mr. Purdy now applies for the annuity provided in the Charter for the retirement of employees in the City service after a period of 30 years or more. He has submitted a request that this recommendation be made to your Honorable Board, and that his retirement be made effective October 31, 1911. His request is as follows:

"July 26, 1911.

"Hon. HENRY S. THOMPSON, *Commissioner, Department of Water Supply, Gas and Electricity:*

"Dear Sir—I most respectfully beg of you to recommend me for retirement under chapter 669, Laws of 1911. My age is 80. Term of service in your department is 30 years. Enclosed please find doctor's certificate.

"Respectfully yours, HENRY A. PURDY, Inspector."

This request is accompanied by the certificate of his physician, a copy of which is given herewith:

"July 25, 1911.

"One Henry A. Purdy has been under my care for the last five years, on and off, for general disability due to his age, which is 80; he is running down gradually and in no condition to do his official business.

"Respectfully, C. S. VAN SCHOONHOVEN, M. D."

I am convinced that Mr. Purdy has justly earned the mark of appreciation of long and faithful service to the City of New York, which was contemplated by those who inaugurated the provision for retirement in the City Charter. I therefore offer the following resolutions.

Respectfully, W. J. GAYNOR, Mayor.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 21, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to a communication from the Mayor under date of October 4, 1911, recommending the retirement of Henry A. Purdy, an Inspector of Hydrants in the Department of Water Supply, Gas and Electricity, on an annuity of $900, we report as follows:

The recommendation was made at the request of Mr. Purdy, and pursuant to the provisions of sections 165, 166 and 167 of the Greater New York Charter, as amended by chapter 669 of the Laws of 1911. The Commissioner of the Department of Water Supply, Gas and Electricity has certified that Mr. Purdy has been employed in that Department since March 7, 1881, and that, except for twenty days in April, 1885, his service has been continuous. His service, therefore, has extended for the period of a few months over thirty years. A physician certifies that Mr. Purdy has been under his care for the last five years for general disability due to his age, and that he is now in no condition to attend to official business. Mr. Purdy is 80 years old.

We recommend the adoption of the attached resolution providing for the retirement of Mr. Purdy on an annuity equal to one-half of his average compensation for the last three years, or $900. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen, Select Committee.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of sections 165, 166 and 167 of the Greater New York Charter, as amended by chapter 669 of the Laws of 1911, and the recommendation of the Comptroller and the President of the Board of Aldermen, hereby retires from active service Henry A. Purdy, Inspector of Hydrants in the Department of Water Supply, Gas and Electricity, for the reason that he is physically incapacitated to further perform his duties as such Inspector, and that the interests of the public service require such retirement, and hereby awards and grants to said Henry A. Purdy an annual sum or annuity of nine hundred dollars ($900), to take effect November 1, 1911, and be it further

Resolved, That the Comptroller of The City of New York be and is hereby directed to pay said annuity to Henry A. Purdy, during his lifetime, in monthly installments, out of the receipts of excise money or liquor taxes belonging to The City of New York.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Commissioner of the Department of Correction transmitting the application of Joseph Evans, Van Driver in said Department, for retirement pursuant to the provisions of Chapter 669 of the Laws of 1911, and report of the Select Committee, consisting of the Comptroller and the President of Board of Aldermen, recommending that said request be approved and that Joseph Evans be retired on an annuity of $500 per annum, to take effect November 1, 1911:

(On October 11, 1911, a communication from the Commissioner, Department of Correction, requesting the retirement of the above employee was referred to said committee.)

Department of Correction of the City of New York, Commissioner's Office, 148 East 20th st., New York, October 3, 1911.

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

Dear Sir—I would respectfully transmit to the Honorable the Board of Estimate and Apportionment the application of Joseph Evans, a Van Driver at the City Prison, Brooklyn, for retirement from the service of the Department, on half pay, under chapter 669, Laws of 1911, and would recommend that such application be granted.

The record book, Central Office, shows that the applicant, Joseph Evans, was transferred from the Office of the Sheriff of Kings County to the Department of Correction, as Van Driver, in accordance with the provisions of chapter 381, Laws of 1909, which transfer took effect on January 1, 1910, when Mr. Evans was assigned to the City Prison, Brooklyn, at a salary of $1,000 per annum. His application for retirement, copy of which is herewith transmitted, shows that he has been in the employ of the City as Van Driver since January 1, 1873. Very respectfully,

PATRICK A. WHITNEY, Commissioner.

Brooklyn, New York, September 28, 1911.

Hon. PATRICK A. WHITNEY, *Commissioner of Correction:*

Dear Sir—I, Joseph Evans, a driver in the Department of Correction at City Prison, Brooklyn, New York, do hereby beg of you, if it is within your power to do so, to be retired on half pay. My reason for making this request is, that I have been employed as Van Driver from January 1, 1873, continuously to date, a period of 38 years, and during that time I have never yet had charges preferred against me, nor have I ever lost a prisoner. Neither have I ever been absent from my duty except through severe sickness, sustained while in the performance of my duty.

I am now going on my 74th year of age, and my health is failing me, and I respectfully ask that you kindly give me the consideration which I ask for.

Respectfully yours,

(Signed) JOSEPH EVANS, City Prison, Brooklyn, Van Driver.

Brooklyn, N. Y., October 3, 1911.

Hon. PATRICK A. WHITNEY, *Commissioner of Correction:*

Dear Sir—The following is a list of the Sheriffs who appointed me and the years of their terms of office:

Sheriffs.	Years.
Williams	1873-1874-1875
Daggett	1876-1877-1878
Riley	1879-1880-1881
Stegman	1882-1883-1884
Farley	1885-1886-1887
Rhinehart	1888-1889-1890
Courtney	1891-1892-1893
Buttling	1894-1895-1896-1897
Creamer	1898-1899
Walton	1900-1901
Guden and Dike	1902
Melody	1903
Hesterberg	1904-1905
Flaherty	1906-1907
Hobley	1908-1909

On January 1, 1910, I was legislated from under the control of the Sheriff into the Department of Correction. Very respectfully,

(Signed) JOSEPH EVANS, Van Driver, 258 53d st., Brooklyn, N. Y.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 21, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 3, 1911, the Commissioner of Correction requested the retirement on half pay of Joseph Evans, employed as Van Driver at the City Prison, Brooklyn. In connection therewith we report as follows:

The application is made in accordance with the provisions of chapter 669, Laws of 1911, amending sections 165, 166 and 167 of the Greater New York Charter. Mr. Evans entered the service as Van Driver in the office of the Sheriff of Kings County on January 1, 1873, and was transferred to the Department of Correction on January 1, 1910, in accordance with the provisions of chapter 381, Laws of 1909. His service extends over a period of 38 years. The Commissioner states that his reasons for the request are the physical incapacity and advanced age of the incumbent, now more than 73 years of age. The compensation of Mr. Evans for several years has been at the rate of $1,000 per annum.

Therefore, we recommend that the application for the retirement of Joseph Evans, employed as Van Driver in the Department of Correction, be approved, and that he be retired on an annuity equal to one-half of the average of his salary for the last three years, viz., $500 per annum, as per resolution attached hereto.

Respectfully, WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen, Select Committee.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of sections 165, 166 and 167 of the Greater New York Charter, as amended by chapter 669 of the Laws of 1911, and the recommendation of the Comptroller and the President of the Board of Aldermen, hereby retires from active service Joseph Evans, Van Driver, in the Department of Correction, for the reason that he is physically incapacitated to further perform his duties as Van Driver, and that the interests of the public service require such retirement, and hereby awards and grants to said Joseph Evans, an annual sum or annuity of five hundred dollars ($500), to to take effect November 1, 1911, and be it further

Resolved, That the Comptroller of The City of New York be and is hereby directed to pay said annuity to Joseph Evans, during his lifetime, in monthly installments, out of the receipts of excise money or liquor taxes belonging to The City of New York.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Commissioner of the Department of Public Charities requesting, and report of the Select Committee consisting of the Comptroller and the President of the Board of Aldermen, recommending, that the application for the retirement of John McCarty, employed as a Pilot in said Department, be approved, and that he be retired on an annuity of $810, to take effect on November 1, 1911, pursuant to Chapter 669 of the Laws of 1911:

(On October 19, 1911, a communication from the Commissioner of Public Charities, requesting retirement of the above employee, was referred to said Committee.)

Department of Public Charities of The City of New York, Foot of East 26th street, New York, October 10, 1911.

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

Gentlemen—John McCarty was appointed as Pilot in this Department on May 2, 1881, at a salary of $1,350 per annum, and previous to that date was employed for three years in the Department of Docks and Ferries. June 1, 1906, he was promoted to $1,620 per annum, his present salary. He has been continuously employed in this Department as Pilot from that date to October 1, 1911. His services have been very satisfactory, but he has now reached an age where I would respectfully recommend that he be retired on half pay for physical incapacity for filling the position as Pilot in this Department, and because of his faithful and efficient service during 30 years of employment.

This request is made under the authority of chapter 669 of the Laws of 1911, and I would respectfully request that it receive favorable consideration.

Respectfully yours, M. J. DRUMMOND, Commissioner.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 21, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 10, 1911, the Commissioner of Public Charities requested the retirement on half pay of John McCarty, employed as Pilot in his Department. In connection therewith we report as follows:

The request is made in compliance with the following provisions of chapter 669 of the Laws of 1911:

Section 165.—Any member of the Board of Estimate and Apportionment is hereby authorized, whenever in his judgment it shall be to the interest of the public service, to recommend to said Board the retirement from active service of any officer, clerk or employee who shall have been in the employ of The City of New York . . . for a period of thirty years and upwards and who shall have become physically or mentally incapacitated for the further performance of the duties of his position.

Section 166.—The Board of Estimate and Apportionment is hereby authorized and empowered to retire from active service any person recommended for retirement as provided by section one hundred and sixty-five of this act.

Section 167.—Any person retired from active service pursuant to sections one hundred and sixty-five and one hundred and sixty-six of this act shall be awarded and granted by the Board of Estimate and Apportionment an annual sum or annuity to be fixed by said Board not exceeding, however, one-half of the amount which his annual salary or compensation averages for the period of three years immediately prior to the time of his retirement.

Mr. McCarty entered the employ of the City in 1878 as Pilot in the Department of Docks and Ferries, and was transferred to the Department of Charities on May 2, 1881. His service extends over a period of 33 years. The Commissioner states that his services have been faithful and efficient. Mr. McCarty is nearly 70 years of age, and it is stated that because of his physical inability properly to perform the responsible duties of Pilot on the Department boats, the best interests of the service justify his retirement. His compensation has been at the rate of $1,620 per annum since June 1, 1906.

Therefore, we recommend that the application for the retirement of John McCarty, employed as Pilot in the Department of Public Charities, be approved, and that he be retired on an annuity equal to one-half of the average of his salary for the last three years, viz., $810 per annum, as per resolution attached hereto.

Respectfully, WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen, Select Committee.

The following was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of sections 165, 166 and 167 of the Greater New York Charter, as amended by chapter 669 of the Laws of 1911, and the recommendation of the Comptroller and the President of the Board of Aldermen, hereby retires from active service John McCarty, Pilot in the Department of Public Charities, for the reason that he is physically incapacitated to further perform his duties as Pilot, and that the interests of the public service require such retirement, and hereby awards and grants to said John McCarty an annual sum or annuity of eight hundred and ten dollars ($810), to take effect November 1, 1911, and be it further

Resolved, That the Comptroller of The City of New York be and is hereby directed to pay said annuity to John McCarty, during his lifetime, in monthly installments, out of the receipts of excise money or liquor taxes belonging to The City of New York.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Commissioner of Parks, Boroughs of Manhattan and Richmond, transmitting application for retirement, pursuant to chapter 669 of the Laws of 1911, of John J. Odell, Chief Bookkeeper in said Department, together with a report of the Select Committee, consisting of the Comptroller and the President of the Board of Aldermen, recommending the retirement of John J. Odell, Chief Bookkeeper in his Department, on an annuity of $1,400:

(On October 19, 1911, the communication from the Commissioner of Parks, mentioned above, was referred to the said Committee.)

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, October 14, 1911.

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

Gentlemen—I transmit herewith to your Honorable Board a communication received from John J. Odell, the Chief Bookkeeper in this Department. Mr. Odell is now in his seventy-fourth year and is just completing his thirty-third year of service in the Park Department. He is in very feeble health and desires to retire on half-pay, pursuant to the provisions of chapter 669 of the Laws of 1911. Section 165 of the said chapter states that "Any member of the Board of Estimate and Apportionment is authorized, whenever in his judgment it shall be to the interest of the public service, to recommend to said Board the retirement from active service of any officer, Clerk or employee who shall have been in the employ of The City of New York, or of any of the municipalities, counties or parts thereof which have been incorporated into The City of New York, for a period of thirty years and upwards and who shall have become physically or mentally incapacitated."

It is my opinion that from an economical standpoint it would be wise to grant Mr. Odell's request. I also attach a certificate from his family physician, Dr. R. B. Coutant, certifying to the fact that Mr. Odell is physically incapacitated to do the work expected of him in his position.

If your honorable Board will kindly take immediate action upon this matter I need not include his salary in the Budget for 1912. He is now receiving a compensation of $2,800 per annum and his proposition is to retire him upon an annual pension of $1,400.

I might further state that I have no intention of filling this position with another incumbent at the same salary, but have in mind an employee of this office who receives $1,800 per annum and is thoroughly conversant with the services performed by Mr. Odell. Respectfully yours,

CHAS. B. STOVER, Commissioner of Parks, Manhattan and Richmond.

The City of New York, Department of Parks, Boroughs of Manhattan and Richmond, Arsenal, Central Park, October 2, 1911.

Hon. CHARLES B. STOVER, *Commissioner, Department of Parks, Boroughs of Manhattan and Richmond:*

Dear Sir—I was appointed as a Clerk in the Department of Parks, Boroughs of Manhattan and Richmond, on January 22, 1879, and have acted in that capacity and as Chief Bookkeeper since that date, making a total of 33 years constant service.

I am now in my 74th year, and find that I am no longer able, owing to my physical condition, to properly render the services that my position calls for.

During the last two years my eyesight has been failing rapidly, and at present it is a great hardship to use my eyes. I therefore respectfully ask that you request the Comptroller, as a member of the Board of Estimate and Apportionment, to recommend to the said Board my retirement from active service, pursuant to the provisions of chapter 669, Laws of 1911.

I enclose herewith a certificate from my family physician, Dr. R. B. Coutant, who for years has been treating me.

Thanking you in anticipation of your approval. Respectfully,

JOHN J. ODELL, Chief Bookkeeper.

October 2, 1911.

To Whom it May Concern:

I hereby certify that I am the family physician of Mr. John J. Odell, of Tarrytown, N. Y., and that I am well acquainted with his physical condition. I further certify that during the past three years I have had occasion to attend him in two serious illnesses, and that he has never entirely recovered from the effect of them. Mr. Odell is suffering from hardening of the arteries and from weakness of the heart, due to the strain of forcing blood through tense vessels. He is anaemic and much debilitated, and his eye sight is impared to a degree that makes work difficult. At times he suffers from vertigo and from weakness of the bladder and bowels.

Respectfully submitted, R. B. COUTANT, M.D.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 25, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 14, 1911, the Commissioner of Parks, Boroughs of Manhattan and Richmond, requested the retirement on half pay of John J. Odell, Chief Bookkeeper in his Department. In connection therewith we report as follows:

The request is made in accordance with the provisions of chapter 669 of the Laws of 1911, amending sections 165, 166 and 167 of the Greater New York Charter. Mr. Odell was appointed in the Department of Parks on January 22, 1879, and is just completing his thirty-third year of service. He is now in his seventy-fourth year. The Commissioner states that Mr. Odell is in very feeble health and is physically unable to do the work required of him in his position. Mr. Odell's physician certifies to his physical incapacity. For the last ten years Mr. Odell has received a compensation of $2,800 per annum.

We recommend, therefore, that the application for retirement of John J. Odell, employed as Chief Bookkeeper in the Department of Parks, Boroughs of Manhattan and Richmond, be approved, and that he be retired on an annuity equal to one-half of the average of his salary for the last three years, namely, $1,400. Respectfully,

WM. A. PRENDERGAST, Comptroller; JOHN PURROY MITCHEL, President, Board of Aldermen; Select Committee.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of sections 165, 166 and 167 of the Greater New York Charter, as amended by chapter 669 of the Laws of 1911, and the recommendation of the Comptroller and the President of the Board of Aldermen, hereby retires from active service John J. Odell, Chief Bookkeeper in the Department of Parks, Boroughs of Manhattan and Richmond, for the reason that he is physically incapacitated to further perform his duties as Chief Bookkeeper, and that the interests of the public service require such retirement, and hereby awards and grants to said John J. Odell an annual sum or annuity of fourteen hundred dollars ($1,400), to take effect November 1, 1911, and be it further

Resolved, That the Comptroller of The City of New York be and is hereby directed to pay said annuity to John J. Odell during his lifetime, in monthly instalments, out of the receipts of excise money, or liquor taxes belonging to The City of New York.

Which was adopted by the following vote:

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

The Secretary presented the following report of the Committee on Finance of the Board of Aldermen, adopted by said Board, rejecting the ordinance providing for an issue of corporate stock in the sum of $1,200,000 to provide means for the acquisition of lands and water rights, etc., in connection with the Emergency Water Supply from the Ten Mile River:

(On August 31, 1911, the Board adopted a resolution authorizing the above issue of corporate stock.)

Office of the City Clerk, New York, Oct. 19, 1911.

To the Honorable the Board of Estimate and Apportionment:

Gentlemen—The Board of Aldermen, at its meeting held on Tuesday, October 17, 1911, rejected an ordinance for $1,200,000 Corporate Stock to provide means for the acquisition of lands, water rights, etc., in connection with the obtaining of an emergency water supply from the Ten Mile River. I send you herewith a copy of the proceedings of the Board of Aldermen in relation to this subject.

Yours truly, P. J. SCULLY, City Clerk.

In the Board of Aldermen

The Committee on Finance, to which was referred on September 19, 1911 (minutes, page 593), the annexed ordinance in favor of an issue of $1,200,000, Corporate Stock for emergency water supply from Ten Mile River, respectfully

REPORTS:

That, having examined the subject, it believes the proposed improvement to be unnecessary at this time. The Committee is informed that the water supply is now in such condition that this additional supply is not needed.

It, therefore, recommends that the accompanying ordinance be rejected.

AN ORDINANCE providing for an issue of Corporate Stock of The City of New York in the sum of one million two hundred thousand dollars ($1,200,000), to provide means for the acquisition of lands and water rights, etc., in connection with the obtaining of an emergency water supply from the Ten Mile River.

Be it Ordained by the Board of Aldermen of The City of New York, as follows:

Section 1—The Board of Aldermen hereby approves of and concurs in the following resolution, adopted by the Board of Estimate and Apportionment, August 31, 1911, and authorizes the Comptroller to issue corporate stock of The City of New York to the amount and for the purposes therein specified:

Resolved, That, pursuant to the provisions of section 178 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not to exceed one million two hundred thousand dollars ($1,200,000), to provide means for the acquisition of lands and water rights, and for the furnishing and installing of the necessary pumping plants, buildings, dams, intakes, pumping stations, pipe lines and all other necessary appurtenances to carry out the plans prepared by the Commissioner of Water Supply, Gas and Electricity, and communicated to this Board August 11, 1911, in connection with the obtaining of an emergency water supply from the Ten Mile River, and that when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof, to the amount of the par value of the stock, to be applied to the purposes aforesaid.

October 17, 1911.

Hon. FRANK L. DOWLING, Chairman, Finance Committee, Board of Aldermen, City Hall:

Dear Sir—The heavy rains of the past few weeks have materially increased the supply of water in storage; in fact, over 60 per cent. of the normal supply for the month of October fell the first eight days.

It is therefore probable that we shall not need any supply of water from the Ten Mile River, and I would ask the privilege of withdrawing my application for $1,200,000 to carry out the improvements which the Department contemplated in obtaining this temporary supply of water.

Yours truly, HENRY S. THOMPSON, Commissioner.

FRANK L. DOWLING, WM. P. KENNEALLY, JOHN F. WALSH, BRYANT WILLARD, JOHN DIEMER, THOMAS J. McALEER, FRANCIS P. KENNEY, Committee on Finance.

Under Rule 21 consideration of this report was deferred. Subsequently Alderman Dowling moved the adoption of this report.

The President put the question whether the Board would agree to accept such report and reject said ordinance.

Which was decided in the affirmative by the following vote:

Affirmative—Aldermen Boschen, Campbell, Carberry, Cornell, Curran, Davis, Delaney, Desmond, Diemer, Dowling, Downing, W. Drescher, Ehntholt, Eichhorn, Esterbrook, Fagan, Fink, Finley, Finnigan, Folks, Gaynor, Grimm, Hamilton, Herbst, Hickey, Hoertz, Kenneally, Kenney, Levine, Loos, McAleer, McCann, Mulhearn, Reardon, Ruff, Schloss, Sheridan, Shipley, Volkmann, Weston, White, Williard; Presidents Connolly; Steers, by L. H. Pounds, Commissioner of Public Works; the Vice-Chairman—45.

And the Vice-Chairman declared that, in accordance with the provisions of section 48 of the Charter, said ordinance was rejected.

Rejected by the Board of Aldermen October 17, 1911, a majority of all the members elected voting in favor thereof.

P. J. SCULLY, City Clerk.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment August 31, 1911, which reads as follows:

Resolved, That, pursuant to the provisions of section 178 of the Greater New York Charter, as amended, the Board of Estimate and Apportionment hereby approves of the issue of corporate stock of The City of New York to an amount not to exceed one million two hundred thousand dollars ($1,200,000) to provide means for the acquisition of lands and water rights, and for the furnishing and installing of the necessary pumping plants, buildings, dams, intakes, pumping stations, pipe lines, and all other necessary appurtenances to carry out the plans prepared by the Commissioner of Water Supply, Gas and Electricity, and communicated to this Board August 11, 1911, in connection with the obtaining of an emergency water supply from the Ten Mile River, and that, when authority therefor shall have been obtained from the Board of Aldermen, the Comptroller be and is hereby authorized to issue said corporate stock of The City of New York, in the manner provided by section 169 of the Greater New York Charter, the proceeds thereof, to the amount of the par value of the stock, to be applied to the purposes aforesaid.

—be and the same is hereby rescinded.

Which was adopted by the following vote:

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

The Secretary presented the following report of the Comptroller, recommending the purchase, at private sale, at a price not exceeding $28,000, of property on the north side of West 40th street, distant 100 feet easterly from the corner of 10th avenue, Borough of Manhattan, as a site for a Carnegie Library:

Department of Finance, Comptroller's Office, October 21, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—At a meeting of your Board, held July 17, 1911, Corporate Stock to the amount of $120,000 was authorized pursuant to the provisions of Section 580, of the Laws of 1901, to provide means for the acquisition of five sites for Carnegie Libraries in the Boroughs of Manhattan and the Bronx.

In connection therewith I directed the Appraiser of Real Estate of this Department to confer with the authorities of the New York Public Library to the end that desirable sites might be selected for the purposes aforesaid. It was finally determined that the parcel of ground approximately 40 feet in width by 100 feet in depth, on the north side of West 40th street, distant 100 feet easterly from the corner of 10th avenue, Borough of Manhattan, would be the most advantageous location for a site in this vicinity.

While the original asking price for these premises was $35,000, it has been negotiated by the Comptroller for the sum of $28,000, and although full price, is not excessive, it having been appraised by the firm of George R. Read & Co., real estate appraisers, Borough of Manhattan, at the sum of $27,500.

The property is assessed for the year 1911 at $21,000, and is known on the tax maps as Section 4, Block 1050, Lots 5 and 5½.

This site is to take the place of the one recommended to your Board at a meeting held December 7, 1909, at a price of $63,000, and being known as Nos. 530-534 10th avenue, and Nos. 460-462 West 40th street, and consisted of a plot containing about 3,841 square feet. It should therefore be noted that while the premises recommended in this report consist of an interior plot, it contains 150 square feet more than the parcel recommended in the report of December, 1909, and is directly opposite the said premises, the purchase whereof will result in the saving of $35,000. The library authorities have approved the selection of this site on the north side of 40th street, distant 100 feet east of 10th avenue.

With the sites already authorized by your board and those under consideration, together with the one recommended in this report, it has been possible to secure five sites for the exact sum of $120,000, authorized by the Board of Estimate and Apportionment.

In connection therewith I desire to acknowledge the co-operation of the library authorities in their endeavor to so change the size of their plots and the location of their libraries, as to make it possible for the City to acquire the sites above mentioned within the limits of the appropriation.

The price being reasonable and just, I respectfully recommend that your board approve of the selection of the following described premises for use as a Carnegie Library site:

All that certain lot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Manhattan, City of New York, bounded and described as follows:

Beginning at a point on the northerly side of West 40th street, distant 100 feet easterly from the corner formed by the intersection of the northerly side of West 40th street and the easterly side of 10th avenue; running thence northerly and parallel, or nearly so, with 10th avenue 98 feet 9 inches; thence easterly and parallel, or nearly so, with West 40th street, 40 feet; thence southerly and again parallel, or nearly so, with 10th avenue, and part of the distance through a party wall 98 feet 9 inches to the northerly side of West 40th street; thence westerly along the northerly side of West 40th street 40 feet to the point or place of beginning; be the said several dimensions more or less; together with all the right, title and interest, if any, of the owner of the property, of, in and to the street in front thereof to the center thereof; said property being known on the Land Map of the City of New York, as Block 1050, Lots 5 and 5½,

—and authorize the Comptroller to enter into contract for the purchase of the same at private sale, at a price not exceeding $28,000, said contract to be submitted to the Corporation Counsel for his approval as to form.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the selection of property located on West 40th street, distant 100 feet easterly from the corner of 10th avenue, Manhattan, as a site for a Carnegie Library, bounded and described as follows:

All that certain lot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Manhattan, City of New York, bounded and described as follows:

Beginning at a point on the northerly side of West 40th street, distant 100 feet easterly from the corner formed by the intersection of the northerly side of West 40th street and the easterly side of 10th avenue; running thence northerly and parallel, or nearly so, with 10th avenue 98 feet 9 inches; thence easterly and parallel, or nearly so, with West 40th street 40 feet; thence southerly and again parallel, or nearly so, with 10th avenue, and part of the distance through a party wall 98 feet 9 inches to the northerly side of West 40th street; thence westerly along the northerly side of West 40th street 40 feet to the point or place of beginning; be the said several dimensions more or less; together with all the right, title and interest, if any, of the owner of the property, of, in and to the street in front thereof to the centre thereof—said property being known on the Land Map of The City of New York as Block 1050, Lots 5 and 5½,

—and authorizes the Comptroller to enter into a contract for the purchase of said property at private sale, at a price not exceeding twenty-eight thousand dollars ($28,000), said contract to be submitted to the Corporation Counsel for approval as to form.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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, recommending the purchase, at private sale, at a price not exceeding $14,500, of property adjoining Public School 28, consisting of a plot of ground 50 feet in width on Herkimer street, 50 feet in width on Fulton street, with a depth on each side of 200 feet, between Howard and Ralph avenues, Brooklyn, for an additional school site:

City of New York, Department of Finance, Comptroller's Office, October 21, 1911.

To the Honorable, The Board of Estimate and Apportionment:

Gentlemen—At a meeting of your Board held July 17, 1911, Corporate Stock to the amount of $2,512,740 was authorized as a lump sum appropriation, for the acquisition of sites and the construction and equipment of buildings, the amount for each item to be fixed at a subsequent date by the Board of Estimate and Apportionment, which resolution was concurred in by the Board of Aldermen on July 25, 1911.

Included in this appropriation was an item of $15,000 for an additional site for Public School No. 28, Herkimer street, near Radde place, Borough of Brooklyn.

The premises most suitable for the purpose adjoin Public School No. 28, and consist of a plot of ground 50 feet in width on Herkimer street and 50 feet in width on Fulton street, with a depth on each side of 200 feet, between Howard and Ralph avenues.

After negotiation by the Comptroller the premises may be acquired for the sum of $14,500. The Board of Education has approved of the location of this site.

The price being reasonable and just, I respectfully recommend that your Board approve of the selection of the following described premises for use of the Department of Education:

All that certain lot, piece or parcel of land, situate, lying and being in the Borough of Brooklyn, City of New York, bounded and described as follows:

Beginning at a point on the northerly side of Herkimer street, which point is distant 200 feet westerly from the corner formed by the intersection of the northerly side of Herkimer street with the westerly side of Howard avenue; running thence northerly and parallel with Howard avenue 200 feet to the southerly side of Fulton street; thence westerly along the southerly side of Fulton street 50 feet; thence southerly and again parallel with Howard avenue 200 feet to the northerly side of Herkimer street; thence easterly along the northerly side of Herkimer street 50 feet to the point or place of beginning; together with all the right, title and interest, if any, of the owner, of, in and to the streets in front thereof to the centre thereof,

—and authorize the Comptroller to enter into contract for the purchase of the same at private sale, at a price not exceeding $14,500, said contract to be submitted to the Corporation Counsel for his approval as to form. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the

selection by the Board of Education, of property located on Herkimer and Fulton streets, with a depth on each side of 200 feet between Howard and Ralph avenues, Brooklyn, as a site for school purposes, bounded and described as follows:

All that certain lot, piece or parcel of land, situate, lying and being in the Borough of Brooklyn, City of New York, bounded and described as follows:

Beginning at a point on the northerly side of Herkimer street, which point is distant 200 feet westerly from the corner formed by the intersection of the northerly side of Herkimer street with the westerly side of Howard avenue; running thence northerly and parallel with Howard avenue 200 feet to the southerly side of Fulton street; thence westerly along the southerly side of Fulton street 50 feet; thence southerly and again parallel with Howard avenue 200 feet to the northerly side of Herkimer street; thence easterly along the northerly side of Herkimer street 50 feet to the point or place of beginning; together with all the right, title and interest, if any, of the owner, of, in and to the streets in front thereof to the centre thereof,

—and authorizes the Comptroller to enter into a contract for the purchase of said property at private sale, at a price not exceeding fourteen thousand, five hundred dollars ($14,500), said contract to be submitted to the Corporation Counsel for approval as to form.

Which was adopted by the following vote:

Affirmative—The Mayor, the Comptroller, the 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 Supervisor of the City Record requesting, and report of the Comptroller relative to, the modification of Salary Schedule No. 852, supporting the appropriation made in the Budget for the year 1911, for the Board of City Record, to take effect as of October 11, 1911, providing for the promotion of a Stenographer and Book Typewriter at $600 per annum to Stenographer and Typewriter at $750 per annum, involving no additional appropriation:

The City of New York, Board of City Record, Office of the Supervisor, 13-21 Park Row, October 10, 1911.

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

Sir—I respectfully request a modification of the schedule supporting the appropriation budget for the year 1911 made to the Board of City Record, entitled "Administration No. 852, Salaries," by eliminating therefrom

1 Stenographer and Book Typewriter	$600 00
Balance unassigned	150 00
	$750 00

—and inserting in lieu thereof

1 Stenographer and Typewriter	$750 00

It is respectfully requested that the modification of said salary schedule be made to take effect as of October 11, 1911.

Respectfully, DAVID FERGUSON, Supervisor of the City Record.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 23, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 10, 1911, the Supervisor of the Board of City Record requested modification of the salary schedule in his office for the year 1911. In connection therewith I report as follows:

The only change proposed is the promotion of Miss Evelyn A. Higgins, Stenographer and Book-Typewriter, at $600 per annum, to Stenographer and Typewriter, at $750 per annum. Miss Higgins was appointed on October 10, 1910, at the present rate. The $150 necessary for the increase is available in an unassigned balance.

The following table shows the line item changes in detail:

Account. No.	Schedule Line.	Schedule Transfer. Decrease.	Schedule Transfer. Increase.	Cash Transfer. Decrease.	Cash Transfer. Increase.
852.	Stenographer and Typewriter, 1 at $750	.....	$750 00	.....	$167 34
	Stenographer and Book-Typewriter, 1 at $600	$600 00	.....	$133 87	.....
	Unassigned balance	150 00	.....	33 47	.....
		$750 00	$750 00	$167 34	$167 34

The attached resolution, if adopted, will grant the request.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the Board of City Record, for the year 1911, to take effect as of October 11, 1911, as follows:

Board of City Record, City of New York.

Administration—

852.	Salaries:	
	Supervisor	$5,000 00
	Deputy Supervisor	2,500 00
	Secretary and Chief Clerk	2,500 00
	Editor	3,000 00
	Stationer	2,500 00
	Bookbinder	2,500 00
	Inspector	1,500 00
	Bookkeeper	2,550 00
	Bookkeepers, 2 at $2,100	4,200 00
	Examiner	1,800 00
	Examiner	1,650 00
	Stenographer and Book Typewriter	1,500 00
	Book Typewriting Copyist	1,200 00
	Stenographers and Typewriters, 2 at $750	1,500 00
	Stenographer and Typewriter	600 00
	Clerks, 2 at $1,200	2,400 00
	Clerk	900 00
	Clerks, 2 at $750	1,500 00
	Clerks, 3 at $300	900 00
	Storekeeper	1,950 00
	Laborer	720 00
		$42,870 00

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Acting President of the Borough of Brooklyn, requesting, and report of the Comptroller, recommending the modification of Corporate Stock Salary Schedule for the Topographical Bureau, office of the President, Borough of Brooklyn, for the year 1911, providing for decrease in the salaries of two Assistant Engineers at $2,700 and $2,400 to $2,250 per annum, respectively, and for the addition of a Clerk at $600 per annum, said modification to take effect as of August 1, 1911.

The City of New York, Office of the President of the Borough of Brooklyn, Brooklyn, October 11, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller*:

Dear Sir—I would respectfully request that you recommend to the Board of Estimate and Apportionment modification of salary schedule for our Topographical Bureau (in which bureau salaries are paid out of Corporate Stock), by striking out one Assistant Engineer at $2,400 and one Assistant Engineer at $2,700, and substituting in place thereof two Assistant Engineers at $2,250, and one Clerk at $600.

On July 27 the Board of Estimate and Apportionment adopted a schedule providing for increases in the salaries of Mr. Robert L. Allen, Assistant Engineer, from $2,100 to $2,700, and Mr. Arthur R. Ebel, Assistant Engineer, from $2,250 to $2,400. The Civil Service Commission advises us, however, that it will be impossible to promote these two Assistant Engineers until they have successfully passed a promotion examination.

I would ask that you kindly approve of the foregoing modification, to date from August 1, 1911, as neither of the above mentioned employees has received any salary from that date, and would thank you to give this matter early consideration.

Yours very truly, L. H. POUNDS, Acting Borough President.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 24, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 11, 1911, the Acting President of the Borough of Brooklyn requested modification of the corporate stock salary schedule for the Topographical Bureau in his office for the year 1911. In connection therewith I report as follows:

It is proposed to decrease an Assistant Engineer, at $2,700, and one at $2,400 to $2,250 per annum each, and add one Clerk at $600. The decreases are asked for to conform to a ruling of the Municipal Civil Service Commission, and it is stated that the additional Clerk is requested on account of increased work in the Bureau. The modification makes no change in the schedule total.

On July 27, 1911, the Board of Estimate and Apportionment approved of the $2,700 and the $2,400 rates for the Assistant Engineers, and modification is necessary to permit of payment of their compensation at the lower rates since August 1, 1911.

The following table shows the line item changes in detail:

Schedule Line.	Schedule Decrease.	Transfer Increase.
Assistant Engineers, 3 at $2,700	$2,700 00	.....
Assistant Engineer, 1 at $2,400	2,400 00	.....
Assistant Engineer, 1 at $2,250	.....	$4,500 00
Clerk, at $600	.....	600 00
	$5,100 00	$5,100 00

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

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised for the Topographical Bureau, in the office of the President of the Borough of Brooklyn, for the year 1911, to be effective as of August 1, 1911, as follows:

President, Borough of Brooklyn.

Topographical Bureau—

Salaries, Regular Force:			
Chief Engineer	1	at	$6,000 00
Assistant Engineer	1	at	4,000 00
Assistant Engineers	2	at	3,000 00
Assistant Engineers	2	at	2,700 00
Assistant Engineers	3	at	2,250 00
Assistant Engineer	1	at	2,100 00
Assistant Engineers	2	at	1,800 00
Transitman and Computer	2	at	1,800 00
Transitmen	2	at	1,800 00
Transitmen	4	at	1,650 00
Topographical Draftsmen	2	at	1,800 00
Topographical Draftsmen	2	at	1,650 00
Topographical Draftsmen	4	at	1,500 00
Searcher	1	at	1,800 00
Chainmen and Rodmen	3	at	1,200 00
Rodmen	6	at	1,200 00
Axemen	3	at	900 00
Stenographer and Typewriter	1	at	1,500 00
Stenographer and Typewriter	1	at	1,200 00
Clerk	1	at	1,200 00
Clerk	1	at	750 00
Clerk	1	at	600 00
Messenger	1	at	1,050 00
Wages, Regular Force:			
Assistant Foreman (302 days)	1	at, per day	$3 50
Laborers (302 days)	8	at, per day	3 00

Which was adopted by the following vote:

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

The Secretary presented the following resolution of the Board of Aldermen requesting the issue of $5,000 special revenue bonds (subdivision 8, section 188 of the Charter), for the purpose of paying the salaries of positions established for the Department of Parks, Borough of Queens, for the remainder of the year 1911, together with a report of the Comptroller recommending the issue of $2,991.64 for this purpose.

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of five thousand dollars ($5,000), the proceeds whereof to be used by the Commissioner of Parks, Borough of Queens, for the purpose of paying salaries of positions fixed by the Board of Estimate and Apportionment under the provisions of section 56 of the Greater New York Charter.

Adopted by the Board of Aldermen October 10, 1911, three-fourths of all the members voting in favor thereof.

Received from His Honor, the Mayor, October 24, 1911, without his approval or disapproval thereof; therefore, as provided in section 40 of the Greater New York Charter, the same took effect as if he had approved it.

P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 26, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—In reference to the resolution of the Board of Aldermen adopted October 10, 1911, requesting an issue of special revenue bonds to an amount of $5,000, to be used by the Commissioner of Parks, Borough of Queens, for the purpose of paying the salaries of positions fixed by the Board of Estimate and Apportionment for the balance of the year, I report as follows:

The amount necessary to pay the salaries of the positions involved from November 1 to December 31, 1911, is $2,991.64, as shown in the following statement:

	Rate per annum.	Amount necessary from November 1 to December 31.
Secretary to Commissioner	$2,500	$416 66
Stenographer to Commissioner	1,050	175 00
Chief Clerk	2,100	350 00
Clerk	300	50 00
Principal Assistant Engineer	4,000	666 66
Assistant Engineer	3,500	583 32
Transitman	1,800	300 00
Draftsman	1,650	275 00
Rodman	1,050	175 00
		$2,991 64

The Commissioner states that he is anxious to start the preliminary work on improvements to be undertaken early in the year 1912.

I recommend the adoption of the attached resolution concurring in the resolution of the Board of Aldermen to an extent of $2,991.64, the amount necessary.

Respectfully, WM. A. PRENDERRGAST, Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on October 10, 1911, requesting an issue of special revenue bonds in the sum of five thousand dollars ($5,000), to be used by the Commissioner of Parks, Borough of Queens, for the purpose of paying the salaries of positions established for the Department, for the balance of the year 1911, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment to the extent of two thousand nine hundred and ninety-one dollars and sixty-four cents ($2,991.64), and for the purpose of providing means therefor the Comptroller be and is hereby authorized, pursuant to the provisions of subdivision 8 of section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York, to an amount not exceeding two thousand nine hundred and ninety-one dollars and sixty-four cents ($2,991.64), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

The Secretary presented the following resolution of the Board of Aldermen requesting, and report of the Comptroller recommending, the issue of $1,283.44 special revenue bonds (subdivision 8, section 188 of the Charter), for the purpose of meeting a deficiency in salaries and wages of employees at the Children's School Farms, in DeWitt Clinton Park and Thomas Jefferson Park, Borough of Manhattan:

In the Board of Aldermen.

Resolved, That, in pursuance of the provisions of subdivision 8 of section 188 of the Greater New York Charter, the Board of Estimate and Apportionment be and it is hereby requested to authorize the Comptroller to issue special revenue bonds to the amount of one thousand two hundred and eighty-three dollars and forty-four cents ($1,283.44), the proceeds whereof to be used by the Department of Parks, Manhattan and Richmond, for the purpose of meeting deficiency in salaries and wages of employees at Children's School Farms in DeWitt Clinton Park and Thomas Jefferson Park.

Adopted by the Board of Aldermen October 17, 1911, three-fourths of all the members voting in favor thereof.

Approved by the Mayor October 24, 1911.

P. J. SCULLY, Clerk.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 25, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 17, 1911, the Board of Aldermen adopted a resolution requesting the Board of Estimate and Apportionment to issue special revenue bonds to the amount of $1,283.44, the proceeds to be used by the Department of Parks, Manhattan and Richmond, for the purpose of meeting a deficiency in salaries and wages of employees at the Children's School Farms in DeWitt Clinton and Thomas Jefferson parks.

The revenue bonds requested are necessary for any further continuance of the playground work this year. The appropriation for this purpose is exhausted and the work must stop unless the revenue bonds are issued.

I recommend that the request of the Board of Aldermen be granted and that the Comptroller be authorized to issue special revenue bonds to an amount not exceeding $1,283.44.

Respectfuly, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of and concurs in the resolution adopted by the Board of Aldermen on October 17, 1911, and approved by the Mayor on October 24, 1911, requesting the issue of one thousand two hundred and eighty-three dollars and forty-four cents ($1,283.44) special revenue bonds, the proceeds whereof to be used by the Department of Parks, Manhattan and Richmond, for the purpose of meeting a deficiency in salaries and wages of employees at the Children's School Farms in DeWitt Clinton Park and Thomas Jefferson Park, and for the purpose of providing means therefor, the Comptroller be and is hereby authorized, pursuant to sub-division 8 of section 188 of the Charter, to issue special revenue bonds of The City of New York to the amount of one thousand two hundred and eighty-three dollars and forty-four cents ($1,283.44), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Comptroller, requesting the modification of salary schedules supporting the appropriation made in the Budget for the year 1911, for the Department of Finance, providing for increases in the salaries of several clerks, the appointment of additional clerks, etc., involving the transfer of $547.50, but no additional appropriation:

City of New York, Department of Finance, Comptroller's Office, October 24, 1911.

The Honorable Board of Estimate and Apportionment:

Gentlemen—Request is hereby made that the budget schedule lines supporting the Salaries appropriations as made to the Department of Finance for the year 1911, be amended in order to provide for the following changes:

First—For the promotion of 3 Financial Clerks in the Office of the City Paymaster from salaries of $1,800 to $1,950 per annum each.

Second—For abolishing one position of Clerk in the Auditing Bureau at $1,500, which is at present vacant.

Third—For the appointment of 5 additional Clerks at $750 per annum each in the Bureau for the Collection of Assessments and Arrears.

Fourth—For the promotion of 1 Bookkeeper in the office of the City Paymaster from $1,200 to $1,350 per annum.

Fifth—For the promotion of 1 Clerk in the Office of the City Paymaster from $1,050 to $1,200 per annum.

Sixth—For the promotion of 1 Clerk in the Executive Division from $1,800 to $2,100 per annum.

Seventh—For reducing the number of Clerks at $600 by one, and increasing the number of Clerks at $540 by one, in the Bureau for the Collection of Taxes, taking effect as of November 1, 1911.

Eighth—For increasing the number of Clerks at $480 by one, and decreasing the number of Clerks at $300 by one, in the Executive Division, taking effect as of November 1, 1911.

Ninth—For the promotion of 1 Clerk from $900 to $1,050 per annum, in the Law and Adjustment Division, taking effect as of November 1, 1911.

Resolutions (2) providing for the changes as enumerated, are transmitted herewith for adoption. Respectfully,

WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the following modifications of the Schedules of Salaries supporting the appropriations made to the Department of Finance for the year 1911, entitled and as follows:

Executive Division—

25. Salaries:

Deputy Comptroller, 2 at $7,500	$15,000 00
Assistant Deputy Comptroller	6,000 00
Secretary to the Department	6,000 00
Clerk to the Comptroller	2,100 00
Stenographer to the Comptroller	1,500 00
Chief Stock and Bond Clerk	5,000 00
(Chief) Examiner of Accounts of Institutions	5,000 00
Appraiser of Real Estate	4,000 00
Clerk	3,000 00
Clerk (Chief)	2,800 00
Clerk	2,800 00
Clerk	2,650 00
Clerk	2,400 00
Clerk	2,250 00
Clerk, 2 at $2,100	4,200 00
Clerk	1,950 00
Clerk, 5 at $1,800	9,000 00
Clerk, 3 at 1,650	4,950 00
Clerk, 2 at 1,500	3,000 00
Clerk, 4 at 1,350	5,400 00
Clerk, 4 at 1,200	4,800 00
Clerk, 7 at 1,050	7,350 00
Clerk, 3 at 900	2,700 00
Clerk, 5 at 750	3,750 00
Clerk, 7 at 540	3,780 00
Clerk, 7 at 480	3,360 00
Clerk, 10 at 300	3,000 00
Searcher	1,350 00
City Paymaster	6,000 00
Deputy City Paymaster, 8 at $2,500	20,000 00
Auditor of Accounts	6,000 00
Auditor of Accounts, 2 at $4,000	8,000 00
Auditor of Accounts, 2 at 3,000	6,000 00
Deputy Auditor of Accounts	2,500 00
Examiner	5,000 00
Examiner, 2 at $2,550	5,100 00
Examiner, 5 at 2,100	10,500 00
Examiner, 4 at 1,800	7,200 00
Examiner, 4 at 1,650	6,600 00
Examiner, 4 at 1,500	6,000 00
Examiner	1,200 00
Examining Inspector, 2 at $1,650	3,300 00
Examining Inspector, 3 at 1,500	4,500 00
Stenographer and Typewriter	1,650 00
Stenographer and Typewriter, 2 at $1,500	3,000 00
Stenographer and Typewriter, 8 at 1,350	10,800 00
Stenographer and Typewriter, 3 at 1,200	3,600 00
Stenographer and Typewriter, 2 at 1,050	2,100 00
Stenographer and Typewriter	900 00
Stenographer and Typewriter	750 00
Typewriting Copyist	900 00
Stenographer and Typewriter (Book)	1,050 00
Bank Messenger, 2 at $1,200	2,400 00
Messenger, 2 at $1,500	3,000 00
Messenger, 3 at 1,350	4,050 00
Messenger, 2 at 1,200	2,400 00
Telephone Operator, 3 at $1,050	3,150 00
Janitor	900 00
Watchman, 4 at $900	3,600 00
Cleaner	540 00
Bookkeeper	4,000 00
Bookkeeper	2,100 00
Bookkeeper	1,500 00
Bookkeeper, 4 at $1,350	5,400 00
Bookkeeper, 5 at 1,200	6,000 00
Cashier	1,800 00
Financial Clerk, 2 at $2,250	4,500 00
Financial Clerk, 3 at 1,950	5,850 00
Financial Clerk, 2 at 1,800	3,600 00
Financial Clerk, 5 at 1,650	8,250 00
Financial Clerk	1,500 00
Financial Clerk, 8 at $1,350	10,800 00
Financial Clerk, 4 at 1,200	4,800 00
Financial Clerk	1,050 00
Stock and Bond Clerk, 4 at $2,100	8,400 00
Stock and Bond Clerk	1,950 00
Bookbinder	1,350 00
Bookbinder, 4 at $1,200	4,800 00
Law Clerk	2,300 00
Law Clerk	1,800 00
Law Clerk, 2 at $1,200	2,400 00
Medical Examiner	2,500 00
Topographical Draftsman, 2 at $1,500	3,000 00
Inspector of Sewer Construction	1,500 00
Balance Unassigned	700 00
	$353,630 00

Auditing Bureau—

31. Salaries:

Auditor of Accounts	$6,000 00
Auditor of Accounts, 2 at $4,000	8,000 00
Auditor of Accounts, 3 at 3,500	10,500 00
Auditor of Accounts, 11 at 3,000	33,000 00
Auditor of Accounts	2,500 00
Deputy Auditor of Accounts, 2 at $2,500	5,000 00
Expert Accountant	4,000 00
Expert Accountant, 2 at $3,500	7,000 00
Expert Accountant, 3 at 2,500	7,500 00
Expert Accountant, 8 at 2,100	16,800 00
Chief Accountant and Bookkeeper	6,000 00
Accountant	4,000 00
Accountant, 4 at $2,100	8,400 00
Accountant, 4 at 1,800	7,200 00
Accountant	1,650 00
Statistician	1,650 00
Clerk	4,500 00
Clerk, 2 at $2,400	4,800 00
Clerk, 5 at 2,100	10,500 00
Clerk, 3 at 1,950	5,850 00
Clerk, 4 at 1,800	7,200 00
Clerk, 8 at 1,650	13,200 00
Clerk, 12 at 1,500	18,000 00
Clerk, 6 at 1,350	8,100 00
Clerk, 4 at 1,200	4,800 00
Clerk, 10 at 1,050	10,500 00
Clerk, 2 at 900	1,800 00
Clerk, 4 at 750	3,000 00
Clerk	600 00
Clerk, 2 at $540	1,080 00
Clerk, 2 at 300	600 00
Disbursing Clerk, 2 at $2,250	4,500 00
Disbursing Clerk	1,650 00
Clerk with Special Knowledge as Cataloguer	750 00
Searcher	1,050 00
Bookkeeper	3,500 00
Bookkeeper	3,000 00
Bookkeeper, 2 at $2,400	4,800 00
Bookkeeper,	2,250 00
Bookkeeper	2,100 00
Bookkeeper, 2 at $1,950	3,900 00
Bookkeeper,	1,800 00
Bookkeeper, 2 at $1,650	3,300 00
Bookkeeper	1,500 00
Bookkeeper, 6 at $1,350	8,100 00
Bookkeeper, 19 at 1,200	22,800 00
Bookkeeper	1,050 00
Security Deposit Clerk	1,800 00
Cashier	2,100 00
Financial Clerk	1,950 00
Financial Clerk	1,650 00
Financial Clerk, 2 at $1,350	2,700 00
Financial Clerk, 3 at 1,200	3,600 00
Financial Clerk	1,050 00
Stenographer and Typewriter	1,650 00
Stenographer and Typewriter	1,500 00

Stenographer and Typewriter, 6 at $1,200	7,200 00
Stenographer and Typewriter, 2 at 900	1,800 00
Stenographer and Typewriter	750 00
Typewriting Copyist	1,050 00
Typewriting Copyist	750 00
Typewriting Copyist	600 00
Typewriting Accountant, 2 at $1,200	2,400 00
Bank Messenger, 3 at $1,200	3,600 00
Messenger	1,200 00
Examiner	5,000 00
Examiner	4,000 00
Examiner	2,550 00
Examiner, 4 at $2,100	8,400 00
Examiner, 3 at 1,950	5,850 00
Examiner	1,800 00
Examiner, 5 at $1,650	8,250 00
Examiner, 3 at 1,500	4,500 00
Examiner	1,350 00
Examiner	1,200 00
Examiner, 2 at $1,050	2,100 00
Examining Inspector, 12 at $1,500	18,000 00
Examining Inspector	1,350 00
Inspector of Repairs and Supplies	2,550 00
Inspector of Repairs and Supplies, 3 at $1,800	5,400 00
Inspector of Repairs and Supplies	1,650 00
Inspector of Repairs and Supplies, 4 at $1,500	6,000 00
Inspector of Repairs and Supplies, 10 at 1,200	12,000 00
Inspector of Regulating, Grading and Paving, 2 at $1,500	3,000 00
Inspector of Regulating, Grading and Paving	1,350 00
Inspector of Regulating, Grading and Paving	1,200 00
Inspector of Sewer Construction	1,350 00
Inspector of Sewer Construction	1,200 00
Inspector of Sewers	1,800 00
Veterinarian	1,800 00
Assistant Engineer	3,000 00
Assistant Engineer	2,400 00
Assistant Engineer, 5 at $2,100	10,500 00
Assistant Engineer	1,800 00
Transitman and Computer	1,500 00
Examiner of Accounts of Institutions	3,000 00
Examiner of Accounts of Institutions	2,100 00
Examiner of Accounts of Institutions, 4 at $1,500	6,000 00
Balance Unassigned	600 00
	$461,680 00

Revenue: Taxes, Assessments and Arrears, Miscellaneous—

32. Salaries:

Receiver of Taxes	$6,000 00
Deputy Receiver of Taxes, 2 at $4,000	8,000 00
Deputy Receiver of Taxes, 2 at 3,750	7,500 00
Deputy Receiver of Taxes, 3 at 2,500	7,500 00
Deputy Receiver of Taxes, 3 at 2,100	6,300 00
Collector of Assessments and Arrears	4,500 00
Deputy Collector of Assessments and Arrears	4,000 00
Deputy Collector of Assessments and Arrears	3,500 00
Deputy Collector of Assessments and Arrears, 2 at $2,250	4,500 00
Deputy Collector of Assessments and Arrears	2,000 00
Collector of City Revenue and Superintendent of Markets	3,000 00
Cashier	2,500 00
Cashier, 3 at $2,100	6,300 00
Cashier, 2 at 1,800	3,600 00
Cashier, 5 at 1,650	8,250 00
Cashier, 3 at 1,500	4,500 00
Cashier	1,350 00
Accountant	1,800 00
Accountant, 2 at $1,500	3,000 00
Bookkeeper	2,250 00
Bookkeeper, 2 at $1,800	3,600 00
Bookkeeper	1,650 00
Bookkeeper, 2 at $1,500	3,000 00
Bookkeeper	1,350 00
Bookkeeper, 10 at $1,200	12,000 00
Clerk	2,400 00
Clerk	2,250 00
Clerk, 4 at $1,950	7,800 00
Clerk, 6 at 1,800	10,800 00
Clerk, 9 at 1,650	14,850 00
Clerk, 20 at 1,500	30,000 00
Clerk, 22 at 1,350	29,700 00
Clerk, 21 at 1,200	25,200 00
Clerk, 14 at 1,050	14,700 00
Clerk, 6 at 900	5,400 00
Clerk, 7 at 750	5,250 00
Clerk, 6 at 600	3,600 00
Clerk, 2 at 540	1,080 00
Clerk, 2 at 480	960 00
Clerk	300 00
Financial Clerk	2,400 00
Financial Clerk	1,950 00
Financial Clerk	1,800 00
Financial Clerk, 2 at $1,650	3,300 00
Financial Clerk	1,500 00
Financial Clerk	1,050 00
Collection Clerk	1,650 00
Collection Clerk, 2 at $1,500	3,000 00
Collection Clerk, 3 at 1,350	4,050 00
Clerk with Special Knowledge of Handwriting	1,050 00
Searcher, 3 at $1,200	3,600 00
Searcher, 11 at 1,050	11,550 00
Searcher	900 00
Stenographer and Typewriter	1,200 00
Stenographer and Typewriter	1,050 00
Stenographer and Typewriter, 2 at $900	1,800 00
Stenographer and Typewriter	750 00
Bank Messenger, 5 at $1,200	6,000 00
Messenger	1,350 00
Messenger	1,200 00
Messenger, 2 at $1,050	2,100 00
	$319,490 00

Which was adopted by the following vote:

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

—

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 237 of the Greater New York Charter, the Board of Estimate and Apportionment hereby approves of the transfer of funds appropriated to the Department of Finance for the year 1911, as follows:

From

Auditing Bureau—	
31. Salaries	$547 50
To	
Executive Division—	
25. Salaries	520 00
32. Revenue—Taxes, Assessments and Arrears, Miscellaneous	27 50
	$547 50

Which was adopted by the following vote:

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

—

The Secretary presented the following communication from the Public Service Commission for the First District requesting the Board to consent to the proposed contract with the Hagerty-Drummond Company for the construction of section 15, Route 5 of the Lexington Avenue Rapid Transit Railroad; to prescribe a limit to the amount of corporate stock to be available therefor, and to authorize the issue of $3,820,129.75 corporate stock for said purpose, together with a report of the Comptroller recommending the approval of the request:

(On October 19, the communication of the Public Service Commission as above was referred to the Comptroller.)

State of New York, Public Service Commission for the First District, Tribune Building, 154 Nassau Street, New York, October 10, 1911.

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 Hagerty-Drummond Company for the construction at the public expense of Section No. 15 of Route No. 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad, which extends under Mott avenue and East 138th street, from 135th street to 157th street, and to Alexander avenue, in the Borough of The Bronx.

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 three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75), and also to direct the Comptroller of The City of New York to issue 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 three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75).

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 10th day of October, 1911.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT.

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

Attest: TRAVIS H. WHITNEY, Secretary.

After a consideration of the bids on Section No. 15 of Route No. 5, the following resolution was duly moved and seconded:

Resolved, That this Commission hereby accepts the proposal of Hagerty-Drummond Company, dated October 26, 1910, for the construction of Section No. 15 of Route No. 5, being that portion of the proposed Lexington Avenue Rapid Transit Railroad, which extends under Mott avenue and East 138th street, from 135th street to 157th street, and to Alexander avenue, in the Borough of The Bronx, the aggregate of the unit prices in the proposal amounting to three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75).

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 Hagerty-Drummond Company with the requirements of the invitation to bidders attached to the said proposal.

Resolved, That the Chairman and 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 three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75); 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 three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75).

Resolved, That the Secretary give notice to the said Hagerty-Drummond Company that its proposal has been accepted and the contract awarded to it by this Commission, subject to its being consented to by the Board of Estimate and Apportionment, as required by law.

Resolved, That it be referred to Counsel to the Commission to inquire into the sufficiency of the sureties proposed to be given by the said Hagerty-Drummond Company, and in case the sureties named in the proposal of the said Hagerty-Drummond Company or any of them are not approved by the Commission, then to inquire into the sufficiency of any other or substitute sureties and in behalf of the Commission to do any such act as may be necessary and incidental to the furnishing of a proper bond.

Ayes—Commissioners Willcox, McCarroll, Maltbie, Eustis.

Nays—None.

Carried.

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 October 10, 1911, and that it is a correct transcript therefrom and of the whole of the original.

In testimony whereof, I have hereunto subscribed my hand and affixed the seal of the Commission, this 10th day of October, 1911.

[SEAL.] TRAVIS H. WHITNEY, Secretary.

INVITATION TO CONTRACTORS.

Parts of Lexington Avenue Route.

The City of New York, acting by the Public Service Commission for the First District (hereinafter called "the Commission") invites proposals to construct portions of a proposed Rapid Transit Railroad in the Boroughs of Manhattan and The Bronx, in The City of New York. Proposals may be submitted separately for any one or more of the separate sections of which such railroad consists as hereinafter stated.

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

Lexington Avenue Route (Route No. 5).

Section 1. Begins under Battery Park and extends thence under Battery place, Greenwich street, Trinity place and Church street to a point about 80 feet north of the centre line of Dey street; with a station in Battery Park, a station at Rector street and a station at Cortlandt and Dey streets.

Section 2. Begins at the end of Section 1 and extends thence under Church street, private property, Vesey street, private property and Broadway to a point under Broadway about 110 feet north of the centre line of Walker street; with a station at Murray and Warren streets.

Section 2-A. Begins at the end of Section 2 and extends thence under Broadway to a point about midway between Houston and Bleecker streets; with a station at includes the Canal street station and also the portion of the Canal street subway lying thereunder.

Section 3. Begins at the end of Section 2-A and extends thence under Broadway to a point about on the northerly building line of Howard street. This section Prince street.

Section 4. Begins at the end of Section 3 and extends thence under Broadway, private property and the several cross streets to a point under private property at the southerly line of East 14th street and Irving place; with a station at Astor place and East 8th street.

Section 5. Begins at the end of Section 4 and extends thence under Irving place, Gramercy Park and Lexington avenue to a point about 140 feet north of the centre

line of East 26th street; with a station at East 14th and East 15th streets and a station at East 23d street.

Section 6. Begins at the end of Section 5 and extends thence under Lexington avenue to about the centre line of East 40th street; with a station at East 27th and East 28th streets and a station at East 34th street.

Section 7. Begins at the end of Section 6 and extends thence under Lexington avenue to a point about 50 feet north of the centre line of East 53d street; with a station at East 42d and 43d streets and a station at East 51st street.

Section 8. Begins at the end of Section 7 and extends thence under Lexington avenue to a point about 50 feet north of the centre line of East 67th street; with a station at East 58th and East 59th streets.

Section 9. Begins at the end of Section 8 and extends thence under Lexington avenue to a point about 70 feet south of the centre line of East 79th street; with a station at East 68th and East 69th streets and a station at East 77th street.

Section 10. Begins at the end of Section 9 and extends thence under Lexington avenue to a point about 50 feet south of the centre line of East 93d street; with a station at East 86th street.

Section 11. Begins at the end of Section 10 and extends thence under Lexington avenue to a point about 70 feet south of the centre line of East 106th street; with a station at East 96th street and a station at East 102d and East 103d streets.

Section 12. Begins at the end of Section 11 and extends thence under Lexington avenue to a point about 115 feet south of the centre line of East 118th street; with a station at East 110th and East 111th streets and a station at East 116th street.

Section 13. Begins at the end of Section 12 and extends thence under Lexington avenue to a point about 120 feet south of the centre line of East 129th street; with a station at East 125th street.

Section 14. Begins at the end of Section 13 and extends thence under Lexington avenue, private property and the Harlem River to a point in private property in the Borough of The Bronx, thence under private property and Park avenue to East 135th street. Here the line divides into two branches. The west branch begins at about the centre line of East 135th street and extends thence under private property to a point in private property a distance of about 655 feet from the centre line of East 135th street and about 50 feet west of the centre line of Mott avenue. The east branch extends under Park avenue and partly under private property to about the intersection of the easterly line of Mott avenue with the westerly line of Park avenue.

Section 15. This section consists of two branches. The west branch begins at the end of the west branch of Section 14 and extends thence under East 138th street, private property and Mott avenue, Franz Sigel Park, private property and the several cross streets to a point in private property on the easterly side of River avenue about 120 feet south of the south line of East 157th street; with a station at East 138th street and East 149th street. [The portion of this section north of East 151st street is part of the River Avenue Route adopted by the Commission on the 16th day of June, 1908.] The east branch begins at the end of the east branch of Section 14 and extends thence under Park avenue, private property, Canal street West and East 138th street to a point in East 138th street about 150 feet easterly of the centre line of Alexander avenue, with a station between 3d and Alexander avenues.

The general plan of construction calls for a subsurface railroad having two tracks between Battery Park and Chambers street, in Manhattan, and four tracks from Chambers street, in Manhattan, to 135th street and Park avenue, in The Bronx, with the branches in The Bronx having in the main three tracks each. Turnouts, cross-overs, connections, sidings, loops, etc., will be constructed, all of which are more particularly indicated on the contract drawings.

For Section 14 two plans designated Type H and Type K respectively have been prepared. The bidders for such section may submit a proposal for either or both of such types. After a comparison of the bids the Commission will determine which of such plans shall be adopted.

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

The work of construction under the contract shall 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 will be partly by trench excavation (under cover, unless otherwise specified in the form of contract or permitted by the Commission), and partly by tunnel, as set forth in the forms of contract.

Bidders must examine the form of contract, 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 forms of contract, bond and contractor's proposal may be had on application at the office of the Commission, 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 by payment of five dollars ($5) for the contract drawings for each section. The printed form of contract and the contract drawings are to be deemed a part of this invitation.

The Commission is informed by the Department of Docks and Ferries that docks and bulkheads along the East River may be available for dumping purposes. Information in regard thereto may be obtained by any intending bidder upon inquiry at the office of the Commission.

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

The Contractor for any section or sections will be required to complete the work as soon as practicable and within the time hereinafter prescribed for such completion.

Sealed bids or proposals will be received at the office of the Commission at 154 Nassau street, Borough of Manhattan, City of New York, until the 27th day of October, 1910, 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 the 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 for each section, is to be found in the schedules forming a part of the form of Contractor's Proposal. The quantities given in such schedules are approximate only, being given as a basis for the uniform comparison of bids and no claim is to be made against the City on account of any excess or deficiency, absolute or relative, in the same, except as provided in the specifications and form of contract.

All proposals must, when submitted, be enclosed in a sealed envelope endorsed "Proposal for Constructing Rapid Transit Railroad—Route No. 5, Section No. * ," 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 for each section bid upon, 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 amount herein specified for the section for which a proposal is made. 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 or contracts 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 named by them are not approved by the Commission, may substitute in their proposals the names of other sureties approved by the Commission, but such substitution must be made within five days after notice of disapproval, unless this 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 the amount hereinafter stated. The Contractor's bond must be in the form annexed to the form of contract.

In addition and as further security to the City, ten (10) per cent. of the amount certified from time to time to be due to the Contractor will be retained until the work is fully completed and accepted.

Schedule Indicating Time Allowed for Completion, the Amount of Bond and the Amount of Certified Check for Each of the Several Sections.

Route 5.	Time for Completion, Months.	Amount of Bond.	Amount of Certified Check.
Section 1	42	$500,000	$15,000
Section 2	42	600,000	15,000
Section 2A	42	250,000	10,000
Section 3	42	300,000	10,000
Section 4	36	300,000	10,000
Section 5	42	300,000	10,000
Section 6	42	350,000	10,000
Section 7	42	350,000	10,000
Section 8	42	300,000	10,000
Section 9	42	300,000	10,000
Section 10	42	300,000	10,000
Section 11	42	300,000	10,000
Section 12	42	400,000	12,500
Section 13	42	400,000	12,500
Section 14	42	500,000	15,000
Section 15	42	500,000	15,000

In case of failure or neglect to execute and deliver the contract or to execute and deliver the required bond, 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, then this 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 as to security are complied with.

The right to reject any and all bids is reserved.

New York, September 1, 1910.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by WILLIAM R. WILLCOX, Chairman; TRAVIS H. WHITNEY, Secretary.

RAPID TRANSIT RAILROAD.

Contract, Route 5, Section 15.

Agreement, made this.....day of.....1910, 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 Hagerty-Drummond Company, of ....., hereinafter called the Contractor, party of the second part.

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

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

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

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

I.—GENERAL PROVISIONS AND DEFINITIONS.

Outline of Contract.

Article 1. 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 2. The railroad to be constructed under this contract forms a part of a certain route adopted by the Board of Rapid Transit Railroad Commissioners for The City of New York on May 12, 1905, and which as modified is known as the Lexington Avenue Route—or Route No. 5. The part to be constructed under this contract consists of

Section No. 15—Mott Avenue to 157th Street and to Alexander Avenue.

The westerly branch of Section No. 15, beginning at a point on private property about 655 feet north of the centre line of East 135th street, and about 50 feet west of the centre line of Mott avenue, and running thence under private property and Mott avenue and under East 138th street, and continuing partly under private property and Mott avenue to a point about 240 feet northerly of the northerly line of East 138th street, thence continuing under Mott avenue, partly under Franz Sigel Park, Mott avenue and East 153d street, and again under Franz Sigel Park, passing under Walton avenue, private property, and Gerard avenue, and private property to a point in private property on the easterly side of River avenue and about 120 feet south of the south line of East 157th street; containing also a loop which is partly under Franz Sigel Park, passing under Walton avenue, under private property, Gerard avenue and East 153d street; with stations at East 138th street and at East 149th street; all as indicated on the contract drawings. The portion of this section north of East 151st street is part of the River avenue elevated route, adopted by the Commission on June 16, 1908.

The easterly branch of Section 15, beginning in Park avenue near the easterly line of Mott avenue, and thence under Park avenue, private property, Canal Street West and private property, thence under East 138th street to about the centre line thereof, at a point about 55 feet west of the centre line of Rider avenue, thence easterly under 138th street to a point about 150 feet easterly of the centre line of Alexander avenue; with a station between 3d and Alexander avenues.

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.

* To be filled in with the section number for which the proposal is made.

Statutes Incorporated Herein.

Article 3. 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 4. 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 5. 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 to 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 any and every person or corporation who or which shall at any time be liable in the place or for the party of the second part to perform any obligations under this contract assumed by the said party of the second part. For convenience the Contractor is hereinafter referred to as if the Contractor were an individual. The word "he" shall, as the sense may require, include "it," "she" and "they"; the word "him" shall include "her," "it" and "them"; and the word "his" shall include "its," "her" and "their."

"Comptroller."

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

"Engineer."

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

"Rapid Transit Act."

(6) The words "Rapid Transit Act" to mean chapter 4 of the Laws of 1891, as amended by chapters 102 and 556 of the Laws of 1892, chapters 528 and 752 of the Laws of 1894, chapter 519 of the Laws of 1895, chapter 729 of the Laws of 1896, chapter 616 of the Laws of 1900, chapter 587 of the Laws of 1901, chapters 533, 542, 544 and 584 of the Laws of 1902, chapters 562 and 564 of the Laws of 1904, chapters 599 and 631 of the Laws of 1905, chapters 472, 606 and 607 of the Laws of 1906, chapter 429 of the Laws of 1907, chapter 498 of the Laws of 1909, and chapters 205, 504, 505 and 506 of the Laws of 1910, 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 the station or stations to be built in conjunction therewith, and 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. Service Upon Contractor Personally.

Article 6. 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 postoffice box regularly maintained by the Postoffice 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 7. 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 8. 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 by the Commission.

II.—Work to be Done, Price, etc.

Work to be Done.

Article 9. 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 the 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 Sewer and Other Incidentals.

Article 10. 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 roadway, to protect, support and maintain during construction all buildings and other structures, including their foundations, and all elevated and surface and subsurface railroads, water mains, gas pipes, electric subways, poles and wires, pneumatic tubes, steam pipes, vaults, including vaults of abutting property, and other surface, subsurface and overhead structures, together with their necessary connections, as the same may be met with along the route; to build sewers both along the route and other streets; to make or remake the necessary manholes, catch basins and other sewer connections therewith; to move, alter, readjust or rebuild water mains, gas pipes, electric subways, pneumatic tubes, steam pipes, vaults, including vaults of abutting property, and other 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, elevated railroads and surface and subsurface 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 11. 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 dollars and ninety cents ($2.90) 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 three dollars and seventy-five cents ($3.75) per cubic yard.

Item 2a. For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., the sum of two dollars and ninety cents ($2.90) per cubic yard.

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

Item 3a. For rock excavation for sewers and pipes, including the disposal of it, etc., the sum of five dollars ($5) 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 one hundred dollars ($100) per lineal front foot of building underpinned.

Item 5. For tunnel excavation (except tunneling for sewers), including the disposal of material, timbering, etc., the sum of nine dollars ($9) per cubic yard.

Item 6. For concrete masonry, in place, the sum of eight dollars and fifty cents ($8.50) per cubic yard.

Item 7. For protective concrete masonry, in place, outside of waterproofing, the sum of eight dollars and fifteen cents ($8.15) per cubic yard.

Item 8. For rubble stone masonry, in place, the sum of five dollars ($5) per cubic yard.

Item 9. For brick masonry, in place, the sum of twelve dollars and fifty cents ($12.50) per cubic yard.

Item 10. For hollow terra cotta brick masonry, in place, the sum of eleven dollars ($11) per cubic yard.

Item 11. For grout of Portland cement, the sum of six dollars and twenty-five cents ($6.25) per barrel of Portland cement used.

Item 12. For timber piles, in place and prepared, the sum of fifty cents ($0.50) per lineal foot.

Item 13. For timber foundations, placed and fastened, the sum of sixty-two dollars and fifty cents ($62.50) per thousand feet, board measure.

Item 14. For broken stone or gravel, in place, other than that used in concrete, the sum of one dollar and ninety cents ($1.90) 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-five cents ($0.35) per square yard.
(b) For two-ply, the sum of sixty cents ($0.60) per square yard.
(c) For three-ply, the sum of seventy cents ($0.70) per square yard.
(d) For four-ply, the sum of one dollar and fifteen cents ($1.15) per square yard.
(e) For five-ply, the sum of one dollar and forty cents ($1.40) per square yard.
(f) For six-ply, the sum of one dollar and seventy cents ($1.70) 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-five cents ($0.75) per lineal foot.

(b) For ten (10) inch vitrified pipe, the sum of sixty-five cents ($0.65) per lineal foot.

(c) For eight (8) inch vitrified pipe, the sum of fifty cents ($0.50) per lineal foot.

(d) For six (6) inch vitrified pipe, the sum of forty-five cents ($0.45) per lineal foot.

(e) For four (4) inch vitrified pipe, the sum of forty cents ($0.40) per lineal foot.

(g) For six (6) inch cast-iron pipe, the sum of one dollar and fifteen cents ($1.15) per lineal foot.

(h) For four (4) inch cast-iron pipe, the sum of sixty-five cents ($0.65) per lineal foot.

Item 18. For tunnel ducts in place as required by section 305 of the specifications, the sum of ten and one-half cents ($0.10½) per duct foot.

Item 19. For riveted steel, painted and erected, the sum of eighty-five dollars ($85) per ton of two thousand pounds.

Item 20. For steel beams and shapes with connections, painted and erected, the sum of sixty-five dollars ($65) per ton of two thousand pounds.

Item 21. For steel rods and bars built in concrete, the sum of sixty-seven dollars and fifty cents ($67.50) per ton of two thousand pounds.

Item 25. For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc., but not including castings for sewer work or pipes, in place, the sum of eighty-seven dollars and fifty cents ($87.50) per ton of two thousand pounds.

Item 26. For wire mesh, in place, the sum of ten (10) cents 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-five (45) cents per lineal foot.

Item 28. For steel gratings, for ventilation, in place, including frames, etc., the sum of three dollars and fifteen cents ($3.15) per square foot.

Item 29. For vault lights, in place, the sum of two dollars and twenty-five cents ($2.25) per square foot.

Item 30. For street surface restored:

(a) For street surface, except roadways, the sum of one dollar and fifteen cents ($1.15) per square yard.

(b) For temporary restoration and maintenance of roadways, the sum of ninety (90) cents per square yard.

Item 31. For park surface restored (all classes), the sum of fifty (50) cents per square yard.

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

(a) For three-fourths (¾) inch wrought-iron conduits, the sum of ten (10) cents per lineal foot.

(b) For one and one-half (1½) inch wrought-iron conduits, the sum of twenty (20) cents per lineal foot.

(c) For two (2) inch wrought-iron conduits, the sum of twenty-five (25) cents per lineal foot.

*Here insert, as the case may be, either its successors or his executors, administrators and assigns, or their executors, administrators and assigns.

(d) For two (2) inch fibre conduit, the sum of twenty (20) cents per lineal foot.

Item 33. For cast-iron outlet boxes, in place, in stations, the sum of one dollar and twenty-five cents ($1.25) each.

Item 34. For six (6) inch cast-iron pipe and fittings including specials "extra heavy" in place, in stations, the sum of one dollar and sixty cents ($1.60) per lineal foot.

SEWERS—ITEMS 37 TO 74.

Vitrified and Cast-iron Pipe—Items 37 to 43.

Item 37. For twelve (12) inch vitrified pipe sewer, the sum of two dollars and forty cents ($2.40) per lineal foot.

Item 38. For fifteen (15) inch vitrified pipe sewer, the sum of two dollars and seventy-five cents ($2.75) per lineal foot.

Item 41. For twenty-four (24) inch vitrified pipe sewer, the sum of five dollars ($5) per lineal foot.

Item 42. For cast-iron sewer pipe (straight pipe) in place in the work, the sum of forty dollars ($40) per ton of two thousand pounds.

Egg-shaped Brick or Concrete Sewers—Items 44 to 51.

Item 45. For 3 feet 6 inches by 2 feet 4 inches, the sum of six dollars and twenty-five cents ($6.25) per lineal foot.

Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.

Item 56. For 5 feet, the sum of ten dollars and sixty-five cents ($10.65) per lineal foot.

Sewers of Special Forms—Items 67 to 72.

Item 70. For 7 feet by 12 feet, the sum of twenty-one dollars and twenty-five cents ($21.25) per lineal foot.

SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.

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 railroads, the sum of sixty-five cents ($0.65) 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 two hundred and fifty dollars ($250) per column.

PIPES IN STREETS—ITEMS 77 TO 126.

For Work and Material as Called for by Section 71 of the Specifications.

Water and Gas Pipes—Items 77 to 108

Water Pipes—Items 77 to 88.

For water pipes in place, as follows:

Item 78. For 4-inch water pipe, the sum of thirty-five (35) cents per lineal foot.

Item 79. For 6-inch water pipe, the sum of forty (40) cents per lineal foot.

Item 82. For 12-inch water pipe, the sum of seventy-five (75) cents per lineal foot.

Gas Pipes—Items 89 to 99.

For gas pipes in place, as follows:

Item 91. For 6-inch gas pipe, the sum of forty (40) cents per lineal foot.

Item 92. For 8-inch gas pipe, the sum of sixty-five (65) cents per lineal foot.

Item 94. For 12-inch gas pipe, the sum of seventy-five (75) cents per lineal foot.

Item 95. For 16-inch gas pipe, the sum of ninety (90) cents per lineal foot.

Item 96. For 20-inch gas pipe, the sum of one dollar ($1) per lineal foot.

Item 97. For 24-inch gas pipe, the sum of one dollar and twenty-five cents ($1.25) per lineal foot.

New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.

Item 100. For new cast-iron hub and spigot straight pipe, delivered on the work, the sum of twenty-eight dollars and seventy-five cents ($28.75) per ton of 2,000 pounds.

Item 101. For new cast-iron hub and spigot pipe, special castings, delivered on the work, the sum of seventy-five dollars ($75) per ton of 2,000 pounds.

DUCTS IN STREETS.

Electric Ducts and Conduits in Streets.

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

Item 127. For electric ducts and conduits in place, as provided in section 71-a of the specifications, the sum of forty (40) cents per duct foot.

Work Not Susceptible of Classification.

Article 12. 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 otherwise herein 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 per centum (10%), 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 13. 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 14. 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 15. 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 or classification, then as otherwise provided herein.

Contractor Bound to Complete in Best Manner.

Article 16. 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 17. 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 18. 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 19. 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 20. 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 21. 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 22. 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 23. 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 24. 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 25. 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 such other contractors or persons such facilities as the Engineer may require.

Differences Between Contractor and Other Contractors.

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

Substitute for Chief Engineer.

Article 26. 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 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 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 12 of the contract.

Maps and Drawings.

Section 3. The contract plans referred to in the contract and specifications bear date June 15, 1910. are each countersigned by the Engineer, are stamped with the seal of the Commission, bear the general title:

Route No. 5, Contract Drawing No....., and are designated or numbered as follows:

For Section No. 15, Route No. 5, Drawings as follows:

General Notes; Map and Profile; Nos. A17 to A19, inclusive; B36, B37, B38, B101, B102; C264 to C315, inclusive, C401, C1032.

Plans and Contract Drawings.

Section 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 15 of the contract and the Engineer shall issue such plans and specifications as may be necessary.

Supplementary Drawings.

Section 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 nature of the soil underlying portions of the route, the nature and position of elevated and surface railways, water mains, gas and other pipes, sewers, electric subways, manholes, hydrants, catch basins and other surface and subsurface structures.

Supplementary Drawings May be Examined.

Section 6. These supplementary drawings, for each section of the work, 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 one or more of the sections, for such aid, if any, as may be derived from them, on the payment of the cost of printing.

In Case of Difficulties Not Indicated on Supplementary Drawings.

Section 7. If, upon opening the streets by tunneling or otherwise, 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 unforseen 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 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.

Section 9. These specifications are grouped in subdivisions as follows:

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1—Brief Description of the Work.

General Nature.

Section 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., being indicated more particularly on the contract drawings.

Stations to be Constructed.

Section 11. 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 12. In addition to the construction of the Railroad, it will be necessary to do various incidental work which is generally referred to in Article 10 hereof.

Ventilating Chambers and Gratings.

Section 13. 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.

Section 14. Other openings with gratings will be built at or over the stations, for the purpose of admitting air to the Railroad.

Section 15. The chambers will be provided with suitable doors or openings, and with ladders reaching to the street for use as exits in case of emergency.

2—General Clauses.

Prevention of Water Percolation.

Section 16. 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 17. 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 18. 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 19. 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 20. 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 21. 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 22. Before any opening is made in the surface of a street, a copy of the permit issued by the Commission shall have been filed with the Borough President not less than five days, unless the Engineer shall expressly direct work to begin within a less period.

Notice Regarding Commencement of Work.

Section 23. 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 24. 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 25. 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 26. 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 27. 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 the services of inspectors required by any municipal department or other public authority in or about the execution of the work other than the inspectors or the employees of the Commission. He shall bear the expense absolutely necessary in the bagging of gas pipes where it is necessary to cut off the supply of same and of the shutting off and restoration of the flow in water mains where such work applies to the maintenance and support thereof as provided in section 70 of the specifications.

Temporary Tramways.

Section 28. For the purpose of facilitating construction and to diminish the period of occupancy of any street for the transportation of material, the Contractor may, with the approval of the Commission, lay, upon or over the surface of any street, temporary tramways to be used only for the removal of excavated materials and for the transportation of materials for use in construction; provided, however, that any such tramway shall be forthwith removed upon the direction of the Commission.

Storage on Cross Streets.

Section 29. No materials of any nature shall be stored along the streets occupied by the Railroad in Manhattan or on 138th street in The Bronx. 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 material as may be absolutely necessary to avoid delay in construction may be stored; such material must not be allowed to accumulate, but must be replenished from day to day. The amount to be so allowed shall be determined by the Engineer.

Material Stored.

Section 30. 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 31. 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 32. 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 33. 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.

Assistance to be Rendered to Owners of Buildings.

Section 34. 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 35. 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 36. 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 37. 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 38. 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 39. 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 40. 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 41. 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 42. During the progress of the work the Commission will give, through the Engineer, to the Contractor, suitable points, marks or benches, indicating the line and grade of the Railroad and of the sewers; such points or bench marks to be established at such intervals as the Engineer deems necessary for the Contractor to be able to perform his work. The principal lines and grades are to be given by the Engineer, who may change them from time to time as may be authorized and directed by the Commission. The stakes and marks given by the Engineer shall be carefully preserved by the Contractor, who shall give to the Engineer all necessary assistance and facilities for establishing benches and plugs for making measurements.

Notice, How Given.

Section 43. 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 44. 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 45. All work of whatever kind which during its progress and before its final acceptance shall become damaged from any cause, so much of it as may be objectionable 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 46. 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 47. 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—Manner of Prosecution and Maintenance of Traffic.

Access to Buildings, etc.

Section 48. 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.

Wharves and Docks.

Section 50. For that portion of the route adjoining wharves and docks the work must be so prosecuted as to permit free access to neighboring wharves and docks.

Contiguous Contract Sections.

Section 50-a. On the division line of contiguous contract sections, the Engineer will decide any matters in the details of construction within a limit of ten 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.

Other Portions of the Route.

Section 51. Generally the Contractor will be permitted to conduct its 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 52. 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 53. 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 when the excavation is in trench 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.

Contract Section No. 15.

Section 60. Wherever the Railroad will extend under private property the same will be acquired by the City. Within the limits of property so acquired the Contractor will be permitted to prosecute his work in open trench excavation without cover. Within the streets and public places the Contractor will generally be permitted to prosecute his work in open trench excavation without cover, except that traffic and access to abutting property must be maintained, as elsewhere provided in this contract.

Street Intersections.

Section 61. 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 62. The Commission will insist upon the close observance of the above requirements, and no departure therefrom will be allowed, excepting upon the written permission of the Commission.

Openings for Ventilation.

Section 63. Wherever the excavations are decked, where gas pipes are maintained in service or where gases are liable to accumulate, suitable openings shall be provided for proper ventilation, or the Contractor may maintain services by temporary mains above the street decking.

Temporary Pipes, etc.

Section 64. Temporary pipes, if laid above the street or sidewalk surfaces, shall be neatly and substantially placed, and in a manner to cause the minimum of inconvenience to the abutting property owners and to the public.

In General.

Section 65. 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 its contract, and as the Engineer with the approval of the Commission may deem advisable, after a thorough understanding of the exact conditions and necessities has been determined.

4—Street Railroad Tracks, Mains and Other Surface or Subsurface Structures.

Notice to be Given.

Section 66. Notice is to be given by the Contractor to all companies and the proper City officials, owning or having charge of surface or subsurface 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 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 67. In the rearrangement of subsurface 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 68. Whenever it becomes necessary to cut, move, change, or reconstruct any surface or subsurface structures, or connections therewith, such work shall be done according to the reasonable satisfaction of the owners of such pipes or other structures.

Reasonable Dispatch.

Section 69. 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 70. 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 and subsurface structures encountered during the prosecution of his work. All surface and subsurface structures and 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 or subsurface structures or surfaces to as good a condition as existed before the injury was done. All the above, including also all changes of surface or subsurface structures 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 71. 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 77 to 99, Items 102 to 106, Items 109 to 114, Items 121 and 122, and Item 125. 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, Items 107 and 108, Items 115 to 120, Items 123 and 124, and Item 126, which prices are to cover the cost of the new pipes delivered on the work.

(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 2a and 3a (which prices shall include all the matters referred to in section 107), and for restoration of street surface, Item 30a and b, but only to the net lines ordered by the Engineer for excavation for such pipe work.

Necessary Permanent Changes of Electric Conduits and Ducts.

Section 71-a. 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-a), 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 price stipulated in Schedule Item 127. The price per duct foot as provided in Schedule Item 127 is to include the cost of all ducts in place; 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.

Surface and Elevated Railroads.

Section 72. 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.

Section 73. 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 will be at the rates specified in the schedule for electric railroad, Item 75-a, or for horse railroad, Item 75-b, 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 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.

Section 74. The Contractor shall maintain and support both temporarily and permanently in a safe condition all elevated railroad structures. Payment therefor 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.

Section 75. 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 price for excavation, Schedule Items 1, 2 and 3.

Facilities to be Given to Make Extensions.

Section 76. In the event of the owners or the City desiring to make any alteration or extension to their structures, or do any work to or in connection with surface or subsurface structures owned by them or it, at the time the work under this contract is in progress, the Contractor 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.

Parks and Parkways, Trees, etc.

Section 77. In any park or parkway, or where any grass plots or trees exist along any street occupied by the Contractor, proper precautions must be taken to protect from injury all such trees or grass plots. 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 roads, cross paths, 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.

Replanting Under Direction of Park Commissioner.

Section 78. 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.

Payments, How Made.

Section 79. Payment for all work covered by sections 77 and 78 shall be included in the prices paid for Park or Street Surface Restored, Schedule Items 31 or 30.

5—EXCAVATION.

Width of Excavation.

Section 80. Special care must be taken to avoid damage wherever excavation under cover is being done or where open excavation is permitted. The width of such excavation shall not exceed the width actually necessary, in the opinion of the Engineer, for the proper prosecution of the work. All excavations shall be of such width, in addition to that of the Railroad, as shall be necessary, in the opinion of the Engineer, for the proper and expeditious progress of the work, and to permit the laying and readjusting of all sewers, mains, subways and other subsurface structures encountered along the route and contiguous to the Railroad.

Depth of Trenches.

Section 81. 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 82. 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 83. 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 84. To secure adjacent ground or the buildings thereon, or to prevent bringing an unusual pressure on the structure when completed, the Contractor shall secure the sides of the excavation by suitable timbering, and shall safely and permanently underpin adjacent buildings. As part of this obligation the Contractor shall use such methods of construction or underpinning, pneumatic or otherwise, as special conditions may require and the Engineer shall approve.

Payment For.

Section 86. Where underpinning of a building is necessary and the work is done as provided in section 84, payment will be made to the Contractor as, and at the price, provided in Schedule Item 4. The classification as to the number of stories has reference to the number of stories above the surface of the street.

Sheeting.

Section 87. 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 88. 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, 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 89. 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 102, 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 at the Contractor's own cost and expense.

Vaults Disturbed.

Section 90. 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 91. Ledge rock in place, and boulders within the ordered line of excavation requiring blasting, will be considered as rock excavation.

Preparations for Rock Measurement.

Section 92. Whenever rock is encountered in the trench, it shall be stripped of earth in sections of not less than twenty feet; and the engineer in charge shall be duly notified, in order that he may measure or cross-section the same.

Blasting.

Section 93. 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 94. 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 95. 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 96. 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 for excavation.

Blasting.

Section 97. Generally the central portion of the excavation must, when directed by the Engineer, be kept some distance in advance of the excavation near the sides, and if the rock, owing to its general character and structure, has a tendency to break large, or the strike and dip of the stratification indicate a liability to slip or slide into the excavation, the Contractor must place the drill holes at close intervals on the established lines for excavation, in order to avoid excessive excavation and to preserve the established lines thereof.

Pumping.

Section 98. 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 99. 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 100. 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 101. 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 102. Earth excavation includes the excavation of all materials of whatever nature encountered in the trenches, excepting ledge rock in place and boulders requiring blasting.

Excavation in Trenches, How Measured.

Section 103. 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 of spaces occupied by pipes and other subsurface structures.

No Allowance Outside of Ordered Net Lines.

Section 104. 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 105. 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 price stipulated for earth excavation, Schedule Item 1.

Payment for Excavation.

Section 106. Excavation shall be paid for at the price 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 107. 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 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 and subsurface structures of whatever nature, payment for the maintenance and support of which is not herein elsewhere specifically provided for.

6—TUNNELING.

How Lined.

Section 108. All tunnels shall be lined with steel or cast-iron and concrete, or with concrete or brick masonry.

Where tunnels are lined with concrete or brick work without metal tubes, proper provisions shall be made for keeping the tunnels dry by the use of drains, and by other methods as elsewhere provided.

Packing.

Section 109. The space between the extrados of the arch or back of the side-walls and the rock or other materials of excavation, shall be filled with concrete to a height of two feet above the spring line of the arch—above this concrete the space shall be filled with dry masonry packing. Similarly in the tunnel floor, if concrete is used, all loose muck shall, if directed by the Engineer, be removed to the solid rock and the space filled in with concrete up to the bottom line of the section ordered by the Engineer for tunnel excavation and concrete. All such concrete or other packing, being outside of the net section line for excavation as ordered by the Engineer, shall be at the sole expense of the Contractor.

Grout.

Section 110. After the tunnel lining and packing is in place, if required by the Engineer a grout, consisting of one (1) part fine, clean and sharp sand and one (1) part Portland cement, shall be pumped in under pressure, from time to time behind the masonry, so as to completely fill all the voids. Where tunnels are made by the use of a shield, similar grout shall be pumped in to completely fill the space left by the tail piece of the shield as soon as the shield is moved forward.

Payment for Grout.

Section 111. Where grout is ordered and used, it shall be paid for at the price herein provided, Schedule Item 11.

Lines for Excavation.

Section 112. The tunnel, at any place, is to be excavated to the line of the cross-section ordered by the Engineer for that place.

No Payment for Excavation Beyond Ordered Lines.

Section 113. All loose or shaky rock, whose fall or settlement might, in the judgment of the Engineer, produce an unequal or concentrated pressure on the masonry, shall be removed and the space refilled with such class of masonry as the Engineer may require and as provided in Section 109, but no payment will be made for any excavation outside of the cross-section of the tunnel excavation ordered by the Engineer as provided in Section 112.

Blasting.

Section 114. Drilling and blasting must be conducted with all possible care and in such a manner as not to shatter the roof and sides outside of the section lines, as ordered by the Engineer, nor endanger adjoining property.

Drains.

Section 115. All seams carrying water shall be carefully drained, as specified under the clauses relating to drainage.

Precautions Against Settlement.

Section 116. The Contractor must take every precaution, and such precautions as the Engineer may direct, by suitable shields, timbering, lagging or other supports, to prevent any settlement or movement of surrounding ground. Such timber as cannot be drawn without endangering the work or the ground above, shall be left in place and thoroughly surrounded by masonry and grouted.

Timbering.

Section 117. Timbering shall be used wherever necessary to support the materials or to secure the safety of the work or workmen. It will be at the sole expense of the Contractor and included in the contract price for tunnel excavation, Schedule Item 5. Wherever practicable it shall be removed before the concrete lining or concrete or other packing is placed.

Compressed Air.

Section 118. If for the work under the Harlem River and for the approaches thereto or elsewhere on the work a method is adopted requiring the use of compressed air, a plant must be provided of sufficient capacity to insure at all times and under all conditions an ample supply of air to prosecute the work with safety and dispatch, and proper air locks shall be built with safety locks in addition, to provide for the escape of workmen at time of accident.

Methods to Be Approved.

Section 119. All methods of tunneling shall be subject to the approval of the Engineer, and be changed from time to time if, in his judgment, the local conditions so require, and during construction approved methods of ventilation and lighting shall be used.

Tunneling, Payment For.

Section 120. The price per cubic yard, stipulated herein, Schedu'e Item 5, for Tunnel Excavation, is to cover all expense due to the presence of quicksand or other soft material, rotten rock, boulders, etc.; the cost of all pumping and bailing; of all timbering, and removal of same; of removing all excavated material; of all venti'a-tion and lighting; and of all other work incident to the excavation of the tunnel. Any expense that may arise from loose or shaky rock or from falls or cave-ins, or from any unexpected obstacles, shall be borne by the Contractor. In earth sections the tunnel excavation must be large enough to permit building the masonry to the full required thickness, clear of such timbering and lagging as it may be necessary to build in. As a fair provision for such contingencies, it is assumed that the excavation will extend an average distance of one (1) foot outside the net line in the roof and sides and six (6) inches below the net line in the floor, and measurements for payment in tunnel excavation in earth will be made to those lines. It is distinctly understood, however, that no such allowances or any other allowance in tunnel excavation will be made in connection with timbering in tunnel excavation in rock.

Chambers, Drains, etc.

Section 121. Excavations for chambers, for skewbacks of arches, for sump holes, drains or for any other purpose in the tunnel, are to be measured according to the lines of the cross-sections determined by the Engineer, and paid for by the cubic yard as tunnel excavation.

Additional Enlargement.

Section 122. If after the excavation has been made of a certain size by direction of the Engineer, he is of opinion that the nature of the rock or other material is such that the form and dimensions of the masonry for which said excavation was intended must be increased, he may order an enlargement of the excavation for the purpose of building masonry of greater thickness, and the Contractor is to make such enlargement, which is to be measured according to the lines given by the Engineer, and paid for at the price per cubic yard stipulated in the Schedu'e for tunnel excavation.

7—BACKFILLING.

Quality of Material. How Placed.

Section 128. The trenches at the sides 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 inches in depth.

Subsurface Structures. Frozen Material Not Permitted.

Section 129. Whenever pipes, sewers, or other subsurface structures are met with, the filling must be carefully packed, rammed and tamped under 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 130. 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, as may be directed by the Engineer, and the spaces left by the removal of such material carefully backfilled.

How Paid For.

Section 131. The cost of backfilling is to be included in the prices paid for earth and rock excavation, Schedule Items 1, 2, 2-a, 3 and 3-a.

8—PILING AND TIMBERING.

Piles.

Section 132. 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, straight and free from shakes; they shall be not less than twelve (12) inches in diameter at the butt end, or less than six (6) inches in diameter at the point, and shall be driven to the satisfaction of the Engineer and by means of a steam hammer driver if so required by him. If necessary the points of the piles shall be protected by proper shoes, and the butts by rings or caps. Piles shall not be spliced unless permitted by the Engineer, and then in such manner as he directs. Piles shall be carefully cut off to the grade given by the Engineer.

Piles Driven in Required Location.

Section 133. 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 134. The price herein stipulated to be paid, per linear 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 135. If, in the judgment of the Engineer, special conditions so require, piles of reinforced concrete of an approved form of construction shall be used.

Payment for Piles Other than Timber Piles.

Section 136. Payment for piles other than timber piles will be as provided in Article 12 of the contract.

Grillage.

Section 137. Timber grillage foundations shall be built if so directed by the Engineer.

Foundation Timber.

Section 138. 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 139. 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.

9—CEMENT.

Portland Cement.

Section 140. 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 141. 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 142. 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 143. 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 144. 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 145. 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 anhyride (SO_3) nor more than 4 per cent. of magnesia (MgO).

Fineness.

Section 146. 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 147. 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 148. 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 149. 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 150. 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 151. 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 152. 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 153. 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.

10—MORTAR.

Cement and Sand. Mixing.

Section 154. 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 155. 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; for grout, one (1) part of cement to one (1) part of fine sand.

11—MASONRY.

Laid in Portland Cement.

Section 156. 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 157. Care must be taken that no water shall interfere with the proper laying of masonry in any of its parts.

Freezing Weather.

Section 158. During freezing weather such masonry only shall be built whose construction, in the judgment of the Engineer, cannot 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 159. 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 160. 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 161. 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 162. 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 163. 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 164. 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 165. All stone before being laid shall be thoroughly cleaned, and washed if so directed by the Engineer.

12—CONCRETE.

How Composed.

Section 166. 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 167. Sand for concrete shall be of the kind herein specified for mortar.

Stone.

Section 168. 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 169. 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 170. 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 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 171. The proportions of cement, sand and stone (or gravel) used in making concrete shall be as follows:

Section 172. Concrete in floor, sidewalls and roof one (1) part of cement, two (2) parts of sand and four (4) parts of stone. Concrete for tube tunnels under the Harlem River will be as indicated on the plans.

Section 173. 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 174. 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 175. 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 176. 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 177. 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 178. 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 179. 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 180. Wherever a section of concrete is necessarily left unfinished, leaving a surface which will be hard set before additional concrete is laid, the surface shall be left rough to form a 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 181. 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 182. 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 183. No forms made of wood, and covered with iron, will be permitted.

Section 184. 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 185. 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 186. 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 187. 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 188. The exposed faces of the concrete, excepting within station limits, 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.

Impervious to Water.

Section 189. 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 190. 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 191. No concrete backing or filling outside of the ordered net lines of excavation will be paid for.

(For Concrete in Sewers, see Sewers.)

13—BRICK MASONRY.

Quality.

Section 192. 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 193. Hollow terra cotta blocks or bricks may be required in station work, 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.

How Laid.

Section 194. 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 (except in stations) 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 195. 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 196. 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 brick-work, where a moderate proportion, to be determined by the Engineer, may be used, but nothing smaller than half bricks.

Racked or Toothed.

Section 197. 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 198. Where necessary to make a neat joint in connection with steel frame work, 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 199. 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.

14—Stone Masonry.

Rubble Stone Masonry, Where Used.

Section 200. 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 201. Rubble stone masonry shall be made of sound, clean stone of suitable size, quality and shape for the work in hand and shall be laid in mortar mixed in the proportion of one (1) part of cement to three (3) parts of sand. All beds and joints shall be well filled with mortar and the work must be thoroughly bonded.

Measurements and Payments.

Section 202. 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.

Other Masonry.

Section 203. 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 12 of the contract.

15—Waterproofing.

General Limits of Waterproofing.

Section 204. In general, waterproofing of the structure will be limited to the roof and sidewalls at the 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.

Protecting Masonry.

Section 205. 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 206. 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 207. 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 208. 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 209. The number of plies of waterproofing on the sides at stations shall in no case be less than three (3), except as hereinafter provided where brick laid in asphalt mastic is used.

Brick in Asphalt Mastic.

Section 210. Over the roof of the structure within station limits and over the tracks passing through the stations within said limits, also on the sides and bottom of the structure below a line of two (2) feet above ground water, or, if ground water is below mean high water level, then two (2) feet above mean high water, one (1) ply of waterproofing, as described above, shall be used with one or more layers of brick laid in asphalt mastic; the number of layers of bricks to be determined by the Engineer.

In any case where brick laid in asphalt mastic is not used, the number of plies shall be as local conditions require and as directed by the Engineer.

Quality of Brick.

Section 211. 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 212. 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 213. 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 214. Asphalt mastic shall contain one-third (⅓) pure bitumen, the other ingredients to be sand and lime dust or cement, in proportions governed by local requirements and weather conditions.

Leaks Stopped.

Section 215. 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 216. 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 217. The coal-tar pitch shall be straight-run pitch containing not less than twenty-five (25) per centum and not more than thirty-two (32) per centum of free carbon, which will soften at approximately 70° F., and melt at 100° F., being a grade in which distillate oils distilled therefrom shall have a specific gravity of 1.05.

Quality of Asphalt.

Section 218. The asphalt used shall be the best grade of Bermudez, lake or other natural asphalt, subject to the approval of the Engineer, and shall comply with the following requirements:

The asphalt shall contain in its refined state not less than ninety-five (95) per cent. of natural bitumen soluble in rectified carbon bisulphide or in chloroform. The remaining ingredients shall be such as not to exert an injurious effect on the work. Not less than two-thirds (⅔) of the total bitumen shall be soluble in petroleum naphtha of seventy (70) degrees Baume or in acetone. The asphalt shall not lose more than four (4) per cent. of its weight when maintained for ten (10) hours at a temperature of three hundred (300) degrees Fahrenheit.

Woven Fabric for Waterproofing.

Section 219. 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 220. 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 the treated fabric, on the upper surface of which is to be spread the first layer of pitch or asphaltum; the said layer of fabric shall then be counted as one of the required plies.

Each layer of pitch or asphaltum fluxed as directed by the Engineer must completely and entirely cover the surface on which it is spread without cracks or blowholes.

Fabric for Waterproofing to be Carefully Laid.

Section 221. The fabric must be rolled out into the pitch or asphaltum while the latter is still hot, and pressed against it so as to insure its being completely stuck over its entire surface, great care being taken that all joints are well broken by overlapping, and that the ends of the rolls 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 222. 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 223. None but competent men, especially skilled in work of this kind, shall be employed to lay the waterproofing.

Measurements and Payments.

Section 224. 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.

16—Steel and Iron.

Open Hearth Process.

Section 225. Steel shall be made in an open hearth furnace.

Chemical and Physical Properties.

Section 226. 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%
St. "	.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.=3+.)

Yield Point.

Section 227. 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 228. 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 229. Steel castings shall be true to pattern and free from injurious imperfections.

Standard Test Pieces.

Section 230. 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 231. Specimens for bending shall be cut from the material as rolled.

Rivet Rods.

Section 232. Rivet rods shall be tested as rolled.

Steel Castings.

Section 233. 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 234. 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 235. For rollers the specimens shall be cut from the finished bar so that the centre of the specimen shall be one inch from the outside of the bar.

Section 236. For steel castings the specimens shall be cut from coupons cast on some portion of a casting from each melt, and shall be annealed with the casting before it is cut off.

Treatment of Test Specimens.

Section 237. The material from which test specimens are cut shall receive the same treatment as the material which it represents in the finished structure.

Number of Tests.

Section 238. At least one tensile and one bending test shall be made from each melt of steel as rolled. In case steel differing three-eighth (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 239. A variation in weight of any piece of steel of two and one-half (2½) per centum from that specified, shall be sufficient cause for rejection, except in case of sheared plates exceeding one hundred (100) inches in width, where the variation may be five (5) per centum.

Material Marked.

Section 240. 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.

Wrought Iron.

Double Rolled.

Section 241. All wrought iron shall be double rolled, and no scrap used in its manufacture. It shall be thoroughly welded in rolling, shall be tough, ductile, and fibrous, and shall be finished straight and smooth. It shall be uniform in quality and free from surface defects.

Method of Testing.

Section 242. The methods specified for testing rolled steel shall apply generally to wrought iron. It shall show by the standard test piece an ultimate strength of fifty thousand (50,000) lbs. per square inch, and a yield point of twenty-six thousand (26,000) lbs. per square inch. It shall bend one hundred and thirty-five (135) degrees with inner radius not to exceed twice the thickness of the piece tested. When nicked and bent the fracture shall show at least ninety (90) per centum fibrous.

Cast Iron.

True to Pattern.

Section 243. All castings shall be true to pattern, out of wind and free from injurious imperfections. They shall be of a good quality of tough gray iron made by

the cupola process. Sample test pieces, cylindrical in shape, one and one-quarter (1¼) inches in diameter, and fifteen (15) inches long, cast under the same circumstances as those which attended the casting of the full-sized piece, shall sustain at the centre, when resting upon two dull knife edges twelve (12) inches apart, a load of three thousand (3,000) lbs. with a deflection of at least one-tenth (1-10) of an inch before rupture.

WORKMANSHIP.

Quality.

Section 244. All workmanship shall be first class. All parts exposed to view shall be neatly finished. All nuts on the finished structure shall be hexagonal.

Rods Deformed Sections.

Section 245. 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 and Bars.

Section 246. Bent rods and bars and other bent material shall be bent hot and annealed, except that obtuse bends in material less than one square inch section may be made cold when permitted by the Engineer. The bending shall be done before the material is delivered on the work. Except in special cases, all bends shall be made uniformly to template.

Material Straightened in Shop.

Section 247. All material shall be straightened in the shop before being worked in any way.

Holes Accurately Spaced.

Section 248. All holes shall be accurately spaced and punched. Unfair holes shall be reamed to exact match; drifting to enlarge the holes will not be allowed. Poor matching of holes will be cause of rejection.

Size of Punch.

Section 249. In punching, the diameter of the punch shall not exceed by more than one-sixteenth (1-16) of an inch, the diameter of the rivet to be used, and the diameter of the die shall be as small as may be required to punch a clean hole. When the materials to be sub-punched and reamed, a punch of diameter three-sixteenths (3-16) of an inch smaller than specified above shall be used, and all reaming shall be done after the material is assembled, with twist drills of one-sixteenth (1-16) of an inch greater diameter than the rivet to be used.

Sub-Punching and Drilling.

Section 250. 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 251. Sheared edges of material exceeding five-eighths (⅝) of an inch in thickness, to be used in main members shall be planed at least one-eighth (⅛) of an inch.

Burrs Removed.

Section 252. All burrs shall be removed, and the members shall have all parts firmly drawn together with bolts before reaming or riveting is commenced.

Riveting.

Section 253. 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.

Use of Bolts.

Section 254. 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.

Templates.

Section 255. All holes for field rivets, excepting those in connections of lateral and sway bracing, shall be sub-punched and accurately drilled to an iron template, 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 members shall be brought to a forcible contact.

Finished Members.

Section 256. 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 257. 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 258. Steel, except in minor details, which has been partially heated, shall be properly annealed. All steel castings shall be annealed.

Abutting Surfaces Faced.

Section 259. All abutting surfaces, except flanges of plate girders, shall be neatly planed or faced perpendicular to the direction of the strain, so as to insure even bearings.

Stiffeners.

Section 260. Stiffeners of plate girders shall fit neatly against 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 261. 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.

Bed Plates Planed.

Section 262. Bed plates shall be planed. The bottom of the shoes shall be planed exactly parallel to the centre line unless otherwise shown. The cutting of the planing tool shall be in the direction of the expansion.

Details Boxed.

Section 263. Nuts, bolts, rivets and other details shall be boxed.

Weight Marked.

Section 264. The weight of every piece and box shall be plainly marked upon it.

Inspection.

Section 265. Free access and information shall be given by the Contractor for a thorough inspection of material and workmanship, with proper office facilities.

Mill Orders in Triplicate.

Section 266. 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 Inspector.

Contractor Responsible.

Section 267. 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 268. The Contractor shall be responsible for all errors which can be discovered by checking or examining the plans.

Chemical Analysis.

Section 269. Chemical determination of the percentage 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 analysis shall be furnished to the Engineer or his Inspector.

Check Analyses.

Section 270. Check analyses shall be made, at the discretion of the Engineer, of the finished material or drillings from pieces selected by the Inspector from parts suspected of being most highly segregated. These analyses shall not show a variation above the ladle analysis of more than twenty-five (25) per centum for phosphorus, nor more than fifty (50) per centum for sulphur. The analyses shall be made by a chemist designated by the Engineer.

Contractor to Make Tests.

Section 271. 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 necessary labor for testing.

Inspector's Office.

Section 272. 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 273. 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 274. The prices to be paid for steel and cast iron are as herein provided in Schedule Items 19, 20, 21, 22, 23 and 24. These prices include the cost of the material delivered and erected in the work, with the exception of Item 23, the placing of which is provided for in Item 22. 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 275. 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.

Wire Mesh.

Section 276. Wire mesh, of a character and weight to be approved by the Engineer, is 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 Mesh, Payment for.

Section 277. Wire mesh, 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.

17—PAINTING.

Section 278. 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.

Shop Coat.

Section 279. All iron shall be scraped free from scale and receive one coat of red lead paint as herein specified before leaving the shops. All surfaces which come in contact or are enclosed shall be painted before being assembled. All turned or faced surfaces shall receive a coat of white lead and tallow before leaving the shops.

Quality of Red Lead.

Section 280. The red lead shall be strictly pure, and shall contain at least 80 per cent. of "true lead" ($Pb_3 O_4$). The color shall be a clean pure tint. The red lead shall be of the fineness that when washed with water through a No. 19 silk bolting cloth, not more than 1 per cent. shall be left on the screen.

Quality of Linseed Oil.

Section 281. 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 deg. 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 deg. 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 282. All material shall be delivered, inspected and sampled in original packages.

Proportions in Mixture.

Section 283. 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 284. 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 285. 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 but not painted before being incased in the concrete.

Second Coat Carbon Paint.

Section 286. 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 287. 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.

Section 288. 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 289. 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 290. Surfaces of exposed members inaccessible after erecting shall be cleaned and painted before erecting.

Recesses, etc.

Section 291. 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 292. 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 293. No painting in rainy or freezing weather or on wet surfaces will be permitted.

Payments.

Section 294. Payment for painting is included in the prices for steel and iron.

18—DUCTS AND CONDUITS.

Vitrified Ducts—Quality and Size.

Section 295. The ducts to contain cables for transmitting electricity shall be manufactured of the best clay, thoroughly mixed, burned 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 least diameter to be three and one-half (3½) inches; 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 296. 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 297. 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 298. The inside and outside of ducts to be thoroughly glazed in the most approved manner with good salt glaze.

Inspection.

Section 299. 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 300. 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 by 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 301. 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 302. The ducts shall be laid with dowel pins, at least two pins on the opposite sides horizontally.

Laid to Line.

Section 303. The ducts shall be so laid that the centre of the holes shall be true to line and grade.

To be Rodded.

Section 304. After the ducts are laid, and sufficient time is given to allow the mortar in beds to partially 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 of three and one-half (3½) inches in all duct openings, the ducts shall be removed and relaid; all ducts, during 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 305. 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.

Duct Manholes.

Section 306. 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 three hundred 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.

Duct Manholes at Stations.

Section 307. Duct manholes will be built at the ends of the stations to provide for the passage of the ducts under the station platforms, and if found necessary on account of the lengths of stations, additional manholes will be constructed under the platforms.

Section 308. At manholes the ducts will be laid to conform to the special conditions.

Section 309. In all work where iron pipe or fibre 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 310. The iron pipe or fibre conduits required by Section 309 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 of Iron Pipe Conduit.

Section 311. All iron conduit 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 312. All conduit 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 313. All joints shall be made with standard couplings, well treated with red lead, and screwed up to make a water-tight job.

Fibre Conduits, Quality, Laying, etc.

Section 314. All fibre conduit shall be made of impregnated fibre equal to that manufactured by the Fibre Conduit Company of Orangeburg, New York.

It shall be of uniform thickness, having walls of not less than one-quarter (¼) inch and true cylindrical holes not less than two (2) inches in diameter. Lengths shall be not less than five (5) feet, and all ends shall be finished.

All joints shall be made by suitable finished sleeves fitting closely over the ends of the conduit and made water tight by making up with an approved bituminous compound.

After laying, all ducts shall provide a clear, true opening, free from obstructions and imperfections in any way injurious to the wires to be installed. All ducts shall be rodded and cleaned with an approved mandrel not less than one and three-quarter (1¾) inches in diameter and eighteen (18) inches long.

Built in Concrete, etc.

Section 315. 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 316. Conduit not built into the structure shall be supported by approved pipe straps located not more than eight feet apart, or in any other manner designated by the Engineer, and they shall be kept boxed or otherwise suitably protected from injury.

Bends and Offsets.

Section 317. 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 318. Measurements for the above iron pipe or fibre conduits shall be per linear 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 319. 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 box furnished and placed in the work shall be as herein stipulated in Schedule Item 33.

19—Drains and Pumps.

Railroad to be Drained.

Section 320. Every part of the Railroad, the stations and appurtenances connected therewith, must be arranged so far as possible that any water finding access thereto will be led away automatically to the City sewers.

Section 321. Where the Railroad is on an inclined gradient, and is constructed in dry, porous soil, the floor of the Railroad may be depended on to act as a conduit. At the bottom of the inclined gradient connections must be made with a sewer or with sub-drains lying beneath the Railroad and draining into the sewers.

Sub-Drains.

Section 322. 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 fifteen (15) 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 323. Where drain pipes connect with the City sewers, the junction shall be protected by suitable traps, and back-pressure valves or gate valves where necessary, to prevent back rush of water or gas from the sewers. Connections with the Railroad shall be as necessity demands and all as directed by the Engineer. Cross drains to connect with the main drains will be placed at such places and in such manner as the Engineer shall direct; also vertical drains at the sides of the Railroad. These drains shall be of vitrified pipe or of cast iron as directed.

Broken Stone for Drainage.

Section 324. On the roof of the Railroad and at other points as may be directed or indicated on the plans, broken stone shall be placed for the purpose of drainage.

Sumps.

Section 325. 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 water-tight, with a capacity of not less than eight hundred (800) gallons each.

Pumps for Tunnel Drainage.

Section 326. 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 each have a separate source of power, and shall be arranged to operate automatically. Under this contract the Contractor will only furnish the pump or pumps required and set them in place as directed, including the necessary pipe and drainage connection between the sumps and sewers.

The pumps shall be of the capacity required by the Engineer.

Capacity.

Section 327. 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 328. 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 329. 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. The prices therein provided for each class of pipe will include providing and laying the pipe and all specials of any nature whatsoever such as bends, tees, wyes, hand-holes, etc., and all material necessary for jointing the same. Where back-pressure valves or gate valves are required the cost of setting the same will be included in the above, but the Contractor will be paid in addition the actual net cost of such valves plus ten (10) per cent.

Section 330. For broken stone for drainage, furnished and placed, section 324, payment will be made as provided in Schedule Item 14.

Section 331. For pumps, section 326, the Contractor will be paid as provided in Article 12 of the Contract, not including, however, the pipe connections with sumps and sewers, which pipe will be paid for as hereinbefore provided in Schedule Item 17.

Soil Pipes for Stations.

Section 332. 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.

20—Sewers.

In Accordance with Plans and Specifications.

Section 333. 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 334. 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 335. The general clauses in this contract relating to excavation, both in open trench and tunnel, backfilling, cement, mortar, masonry, waterproofing, piling, timber work of all kinds, care of streets and public places, maintenance of surface and subsurface structures, protection of persons and property, repaving or restoring of the surface of the street or other public places, responsibility of the Contractor, authority of the Engineer to examine and condemn materials, and the power of the Commission and the Engineer in all or any other respects to enforce this contract, apply to the construction and reconstruction of sewers, water mains or pavements, unless specifically amended or exempted, both along the route occupied by the railroad and elsewhere.

No Claims for Damages.

Section 336. 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 337. 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 not be less than 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 not be less than 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.

Limit of Trench Opening.

Section 338. 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 339. 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 340. Where the foundation for a manhole or a receiving basin extends beyond the line of such manhole or receiving basin, the minimum 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 not less than 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, or its foundation, and shall have vertical sides to the surface.

Foundations.

Section 341. 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 342. 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 343. 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.

Tunneling.

Section 344. When tunneling for sewers shall be deemed advisable, it shall be done in a manner approved by the Engineer.

Gutter and Passageway to be Kept Open.

Section 345. At all times, gutters shall be kept open for surface drainage, and the streets and sidewalks shall be kept clear and free for the passage of carts, wagons, carriages and street or steam railroad cars or pedestrians, and as otherwise provided in these specifications.

Crosswalk, Sidewalk and Roadway to be Kept Clear.

Section 346. Where any crosswalk or roadway is cut by the trench, it shall be temporarily replaced by a timber bridge with side railings, according to the direction and approval of the Engineer. The work shall at all times be conducted so as to cause as little inconvenience as practicable to the public.

Disposition of Paving Material.

Section 347. 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 348. 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 349. 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 350. 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 351. 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 352. 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 353. 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 354. 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 355. 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 20 feet between spurs. In the case of the construction of new sewers where no sewers existed previously, except sewers under public parks or those crossing intersecting streets, they shall be built opposite each house, and where there are no houses, they shall be not more than 15 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 earthenware cover set in mortar.

Iron Chair Spurs.

Section 356. Where the sewers to be built under this contract will be at a depth greater than 13 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 13 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 Station Platforms.

Section 357. Wherever the sewer passes under a station platform or other structure, extra heavy soil pipe shall be laid from the spur to the outside of such station or other structure, brought up to a point 13 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 358. 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 359. 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 360. 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 361. 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 362. 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 363. 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 364. 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 365. 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 366. Pipe sewers shall be built of vitrified, salt-glazed stoneware pipe, with or without hub, as the Engineer may direct. 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, at any time previous to its being used.

Thickness.

Section 367. The size of the pipes shall be designated by their interior diameters. Each pipe shall be a true cylinder, and of even thickness throughout, according to the following schedule:

Six-inch pipes shall be not less than ⅝ of an inch thick.
Eight-inch pipes shall be not less than ¾ of an inch thick.
Ten-inch pipes shall be not less than ⅞ of an inch thick.
Twelve-inch pipes shall be not less than 1 inch thick.
Fifteen-inch pipes shall be not less than 1¼ inches thick.
Eighteen-inch pipes shall be not less than 1½ inches thick.
Twenty-four-inch pipes shall be not less than 2 inches thick.
Thirty-inch pipes shall be not less than 2½ inches thick.

Lengths.

Section 368. No pipe shall be less than 2 feet in length, and pipes of 12 inches, 15 inches and 18 inches in diameter shall be not less than 3 feet in length.

Curved and Split Pipes.

Section 369. When required, curved pipes shall be furnished and laid, curved to such a radius as may be required or as indicated on the plan of the work. No curved pipe shall exceed 3 feet in length. Split pipes shall be used when found necessary.

Hub and Spigot Pipe.

Section 370. In case the Engineer shall order hub and spigot pipe to be used, the hub shall have a depth of at least three (3) inches from its face to the shoulder of the pipe on which it is moulded, and shall have an interior diameter not less than one (1) nor more than two (2) inches greater than the exterior diameter of the pipe which is to be fitted into it.

Straight Pipe With Collars.

Section 371. In case the Engineer shall order pipe without hubs to be used, it shall be fitted with a collar of the same thickness as the pipe and not less than 5 inches wide. Each collar must have an internal diameter of not less than ½ inch nor more than 1½ inches greater than the external diameter of the pipe to which it is to be fitted.

Spur Pipes.

Section 372. Pipes having spurs not less than 6 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 373. The provisions for risers on brick sewers shall also apply to pipe sewers.

Bends.

Section 374. Bends, siphons and special pipes shall be furnished and laid of the size and forms shown on the plans of the work, or as required.

Pipe Sewers, How Laid.

Section 375. All pipes shall be laid in concrete cradles of the required form and dimensions. The first layer of concrete shall be 4 inches thick, for the full width of the cradle, and after being thoroughly tamped shall be allowed to set for a period of not less than twenty-four hours. Upon the bed thus prepared, the pipe shall be laid true according to the lines and grades furnished. 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 15 feet of pipe shall be laid at any one time, in any one length of trench. The remainder of the concrete shall then be put in place and shall be exposed for at least twenty-four hours for inspection, as required for the bottom course.

Jointing Hub and Spigot Pipes.

Section 376. When hub and spigot pipes are used, the lower half of each hub shall be plastered on the inside with a layer of cement mortar mixed in the proportion of one part of cement to one part of sand and of a sufficient thickness to bring the inner surface of the abutting pipes flush and even with the established flow line. After the pipes are fitted, the space between the inside of the upper half of each hub 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 inside and outside.

Jointing Pipes Without Hubs.

Section 377. When pipe without hubs is used, a collar or ring shall be used at joints and shall lap equally the ends of each abutting pipe. Such collar or ring shall consist of not more than three pieces, the largest of which shall be placed at the bottom.

Spaces Between Pipes Uniform.

Section 378. The space between the ring and the pipes shall be as uniform as possible and shall be thoroughly filled with cement mortar mixed in the proportions specified for hub and spigot pipe. The joints shall be carefully wiped and pointed inside and outside and all mortar that may be left on the inside shall be removed and the inside of the pipe left clean and smooth throughout.

Iron Pipe Sewers.

Section 379. 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 380. Wherever such pipes are laid under station platforms or 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 381. Whenever, in the opinion of the Engineer, it becomes necessary to provide ventilation for sewers under station platforms or 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 382. 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 8 inches in thickness and of the quality specified for brick masonry.

Fresh Work to be Protected.

Section 383. 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 2½ feet of earth over them.

Pipes to be Kept Clean.

Section 384. 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 385. 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 386. 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 8 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 387. The foundations for manholes shall be of concrete or masonry of the kind indicated on the plans and shall be not less than 12 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 388. 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 389. The invert shall be built of vitrified brick, granite blocks or concrete masonry, as indicated on the contract drawings.

Use of Bats.

Section 390. 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 391. 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 2 feet above the bench at the bottom of the manholes nor more than 2 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 392. 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 393. 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 394. Covers to be used on manholes in the street shall be perforated. Those used on sidewalk manholes shall be tight-fitting, without perforations.

Weights.

Section 395. 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 396. 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 397. All manholes in station platforms, vaults or other structures shall be provided with sealed manhole heads and covers according to the design indicated on the plans.

Emergency Manholes.

Section 398. 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 399. 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 400. 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 401. 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 402. The flooring shall be of hammer-dressed North River bluestone flagging, not less than three inches thick, in not more than two pieces, and shall be well set in a full bed of mortar and rammed into place. The floor may be finished with cement mortar mixed in the proportion of one part of cement to one part of sand if so directed by the Engineer. The mortar shall be spread, while fresh, upon the concrete base and before the latter shall have reached its first set; it shall be in such quantity that after thorough manipulation it shall be one inch in thickness.

Head Stone and Gutter Stone.

Section 403. 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 404. 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 405. 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 406. 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 407. The joints shall be tightly fitted with an oakum gasket or with cement mortar if so directed.

Iron Steps.

Section 408. Galvanized iron steps of the same design required for manholes shall be built into the walls.

Culvert Pipes.

Section 409. 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 410. 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 411. 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 412. 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 413. All concrete for sewers shall be made in the proportions 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 414. On the completion of each section of one hundred feet of sewer, the sidewalks and roadways shall be restored as provided under the heading of "Street Surface and Park Surface Restored."

Permits for Connections.

Section 415. 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 416. 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 417. Payment for sewers will be per lineal foot of sewer complete as herein provided in Schedule Items 37 to 74, both inclusive, 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 333 to 416 of these specifications and as otherwise provided in the contract and as indicated on the plans; excepting as is hereinafter specially provided.

Excavation.

Section 418. 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 107), on the basis of size of trench stipulated in sections 337 and 340, excepting where the sewer is built by tunneling, in which case tunnel excavation will be paid for at the

price herein stipulated in Schedule Item 5-a (which prices shall include all the matters referred to in sections 117 and 120), on the basis of the net ordered lines of the sewer. Payment for street surface restored shall be as provided in Schedule Items 30-a or b.

Steel Beams and Reinforcing Rods.

Section 419. 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 420. Where automatic flush tanks are built as provided in section 410 of the specifications they will be paid for as herein provided in Article 12 of the contract.

Waterproofing.

Section 421. Where waterproofing is required and placed in accordance with section 411 of the specifications it will be paid for at the prices herein stipulated for waterproofing, Schedule Item 15 or 16.

Siphons.

Section 422. Where inverted siphons passing under the subway structure are called for and built, they shall be considered as part of the regular subway construction from outside to outside of the sewer chambers or between points of departure from standard sewer construction, such limits being indicated on the plans; and payment for such siphons will be made in accordance with the various classes of work or material as are applicable thereto in the schedule and at the prices therein stipulated for such items.

Cast Iron Pipe Sewers, etc.

Section 424. All cast iron pipe sewers wherever built, and the parts, within the limits of the Railroad, or as 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 425. The cost of the maintenance, support or construction of all house or other drainage connections made necessary by construction under sections 422 and 424 will be included in the prices for the several classes of work and material entering into such construction.

21—Requirements for Pipes.

Generally.

Section 426. 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 427. The pipes shall be circular cylinders, with the inner and outer surfaces concentric, and of the full interior diameter required.

Hubs and Spigots.

Section 428. 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 429. 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 430. The pipes shall be designated by dimensions of the interior diameter.

Section 431. 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 432. The straight pipe shall be twelve (12) feet long, exclusive of hub; other pipe as may be directed.

Section 433. All straight pipes shall be straight in the direction of the axis of the cylinder.

Thickness and Weights.

Section 434. 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 approximately as follows:

60-inch pipes,	12,835 pounds each.	20-inch pipes,	2,005 pounds each.
48-inch pipes,	8,270 pounds each.	16-inch pipes,	1,475 pounds each.
42-inch pipes,	6,860 pounds each.	12-inch pipes,	1,015 pounds each.
36-inch pipes,	5,305 pounds each.	8-inch pipes,	580 pounds each.
30-inch pipes,	3,940 pounds each.	6-inch pipes,	415 pounds each.
24-inch pipes,	2,660 pounds each.		

High Pressure Fire System.

Section 435. For high pressure fire system standard spigot and grooves—The weights for straight pipes, with lugs, shall be approximately 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 436. 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 437. 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.

Underweight.

Section 438. No straight pipe or casting will be received which weighs less than the weights above mentioned by more than five (5) per cent., for pipes 16 inches or less in diameter, or more than four (4) per cent. for pipes more than 16 inches in diameter. No special casting will be received which weighs less than the standard weight by more than ten (10) per cent. for pipes 12 inches or less in diameter, and eight (8) per cent. for larger pipes.

Straight Pipe Cast Vertically.

Section 439. 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 440. All the castings shall be made in such moulding sand or loam as will leave the surface clean and smooth.

Castings, How Marked.

Section 441. 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 442. 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 443. The castings shall be free from scoria, sand holes, air bubbles and other defects and imperfections.

Castings to be Clean.

Section 444. The castings shall be perfectly clean 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 445. 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 446. 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 447. 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 448. 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 449. 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 450. 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 451. 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 452. 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 453. 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 454. The spigot end of the pipe shall be inserted into the hub to within from one-fourth (¼) to one-eighth (⅛) of an inch of the full depth of the hub, and the space around the pipe shall be equalized so as to give as nearly as possible an equal space for the packing. The space between the pipe and the hub shall be packed with clean, sound jute packing yarn, free from tar, far enough to leave the proper space for lead. The remaining space shall then be filled by running it full of lead to a depth of four (4) inches, with a bead outside of the face of the hub large enough to allow for caulking, so that when the joint is properly caulked the lead will be flush with the hub of the pipe. After the joint shall have been run with lead, it shall be caulked by means of proper tools, so as to make a water-tight joint.

Lead.

Section 455. 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 456. 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 457. 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 458. 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 459. 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.

22—Street Surface and Park Surface Restored.

Pavement to be Restored.

Section 460. 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 as follows:

Temporary Roadway Pavement.

Section 461. 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 original 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 may be obtained by the Contractor, free of cost, from the Bureau of Highways at the corporation yards.

The Contractor shall maintain the temporary roadway pavement thus laid for a period not exceeding six months from the time of its completion in any one block or street intersection. 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 ¼ inch.

All the requirements as to street surface restored, including temporary roadway pavements, shall apply to the trenches for sewers, pipes or other subsurface structures along or off the line of the Railroad. Within the limits of private property to be taken by the City for the extension of Irving place, these requirements will not apply.

Other Sidewalks May be Laid.

Section 462. 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 463. Payment for street surface restored will be made as provided in Schedule Item 30-a or b, 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.

Measurements.

Section 464. The measurement for payment for street surface restored will be to the net line of ordered excavation.

Outside of Net Lines.

Section 465. 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.

Parks and Parkways.

Section 466. All parks and parkways, including trees, shrubbery, etc., as elsewhere provided in this contract and the specifications, are to be restored to the satisfaction of the Department of Parks.

Measurement.

Section 467. Measurements for park surface restored are to be to the net lines of ordered excavation.

Payment For.

Section 468. Payment for park surface restored will be made at the price provided in Schedule Item 31.

Outside of Net Lines.

Section 469. Any damage done outside of net lines of ordered excavation in connection with the construction of the work to park surfaces or growths, under the jurisdiction of the Department of Parks, shall be restored to the satisfaction of the said Department, and at the Contractor's own cost and expense.

23—VAULT LIGHTS, GRATINGS AND HAND-RAILS.

Vault Lights.

Section 470. The roofs of the stations, where under sidewalks, parks or parkways, 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) pounds per square foot without signs of failure, deformation or permanent set, when such test load is removed. The right is reserved to test at least one (1) frame or panel in every ten (10), as selected by the Engineer. 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.

Section 471. 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.

Steel Gratings.

Section 472. Steel gratings shall be provided and placed over fan and other ventilating chambers, over stations and 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.

Measurement and Payment.

Section 473. 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.

Section 474. Galvanized iron pipe hand-rails will be placed in the Railroad over the benches containing the ducts. They shall be securely fastened to the wall of the tunnel by means of expansion bolts, and as shown on the contract drawings. Measurements for payment will be per lineal foot of hand-rail in place in the work, complete, and at the price as stipulated in Schedule Item 27.

IV.—SECURITY TO BE FURNISHED BY CONTRACTOR.

Security by Contractor. Contractor's Bond.

Article 27. 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 specified in the Invitation to Contractors for the section embraced in this contract. 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.

V.—PAYMENTS TO CONTRACTOR.

Partial Payments.

Article 28. 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 dollars ($10,000). The Engineer shall further include accepted structural iron and steel delivered on the site of the work, but not incorporated in the work, at the rate of forty dollars ($40) 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, and none of the Contractor's plant shall be included in partial estimates.

Not by Strict Measurement.

Article 29. 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 30. Upon each such estimate being made and certified in writing to the Commission, the Commission shall forthwith prepare and certify a voucher for ninety per cent. of the amount stated in such estimate or certificate to be the value of the work done and materials furnished, 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 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 31. 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 32. If the payment of the amount due the Contractor on any voucher shall be delayed beyond the time stipulated in Article 30, in the case of partial payment, or Article 31, 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 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 33. 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 34. 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 35. 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 36. 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 37. 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 38. The Contractor expressly admits and covenants to and with the City that the plans and specifications and other provisions of this contract, if the work be done without fault or negligence on the part of the Contractor, do not involve any danger to the foundations, walls or other parts of adjacent buildings or structures or to navigation; 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 buildings or structures or to navigation. 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. Where the work is required to be done by tunneling the same admission and covenant shall also apply to the foundations, walls and other parts of buildings and to any railroad track or structure, subway, street, conduit, pipe, sewer or other structure or surface over the tunnel. But this admission and covenant shall not apply to the foundations, walls or other parts of buildings or any part thereof acquired by the City and which the Engineer may determine should be razed.

Traffic to be Maintained.

Article 39. The Contractor shall during the performance of the work safely maintain the traffic on streets, avenues, highways, parks, waters 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 40. 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 41. 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 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 42. 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 tenants 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 43. 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 44. 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 45. 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 46. The City will acquire all such real estate and rights of way or other rights, terms, franchises, easements and privileges therein which, in the opinion of the Commission, it shall be necessary to acquire or extinguish for the purpose of constructing the Works free of interference or right of interference; provided, however, that this covenant shall not apply to or include any damages for physical injuries to property referred to in Chapter VI hereof, whether or not compensation for such damages be awarded in a condemnation proceeding. If compensation for any such damages shall be included in an award in condemnation proceedings, the Contractor shall, upon demand, promptly reimburse the City for any payments made by it for such purposes.

VIII.—Time for Completion, Damages for Delay, etc.

Commencement and Completion of Work.

Article 47. Time is of the essence of this contract. The Contractor shall begin actual work within sixty (60) days after the execution of this contract. The entire work covered by this contract shall be completed in all respects within forty-two (42) months from the date of the delivery of this contract.

Price to be Reduced for Delay.

Article 48. 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 amount 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 49. 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.

Article 50. 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 51. 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 52. In case the Contractor shall at any time give notice to the Commission that any real estate is necessary under this contract for any of the purposes specified above, which notice shall give a brief description of such real estate, the Commission shall (if it finds that such necessity exists) begin and conduct with diligence, proceedings to acquire the real estate described; and in case the Commission shall fail to put the Contractor 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 53. 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 54. 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.

Article 55. 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 the 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

(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 no wise 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. 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 56. 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 57. 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 58. 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 59. 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 60. The Contractor agrees to comply with the provisions of the Labor Law, including section 3 thereof as re-enacted by chapter 36 of the Laws of 1909. The Contractor further agrees and stipulates that no laborer, workman or mechanic in the employ of the Contractor, sub-contractor, or other person doing or contracting to do the whole or a part of the work contemplated by this contract, shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency caused by fire, flood or danger to life or property; and further that the wages to be paid for a legal day's work as hereinbefore defined to all classes of such laborers, workmen or mechanics upon the work contemplated by this contract or upon any material to be used upon or in connection therewith, shall not be less than the prevailing rate for a day's work in the same trade or occupation in the Borough of the City, where the work hereby contemplated, about or in connection with which such labor is performed, is in its final or completed form to be situated, erected or used; and that each such laborer, workman or mechanic employed by the Contractor or by any sub-contractor or other person on or about or upon the work contemplated by this contract, shall receive such wages herein provided for. This contract shall be void and of no effect, unless the Contractor shall comply with the provisions of this section. In obedience to the requirements of section 14 of the Labor Law it is further provided that if the provisions of the said section 14 are not complied with, this contract shall be void.

All Necessary Legal Provisions Deemed Inserted Herein.

Article 61. 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 62. 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 ....., 1910, 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 ....., 1910, 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 ....., 1910, 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.

(Route 5, Section 15.)

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 .....dollars ($.....) lawful money of the United States of America, to be paid to the City, for which payment well and truly to be made the Contractor and the Sureties do hereby bind themselves and their, and each of their, executors, administrators, successors and assigns firmly by these presents, as follows: The Contractor to be so held and bound for the full amount of said sum of ..... dollars ($.....) 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 ....., 1910.

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 15 of Route 5, in..... and extending from ..... street to ..... street, in the Borough of ....., 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.*

Route 5, Section 1, Battery Park to Dey Street.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 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 1 of Route 5, 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.....	.....	160,000	... .
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	143,000	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....	.....	9,000	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	61,000	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....	.....	3,000	.....

*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.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
	(b) For buildings from seven to twelve stories in height, per front foot	.....	400	.....
	(c) For buildings over twelve stories in height, per front foot	.....	300	.....
6.	For concrete masonry, in place, per cubic yard	.....	70,500	.....
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard	.....	10,300	.....
8.	For rubble stone masonry in place, per cubic yard	.....	2,300	.....
9.	For brick masonry, in place, per cubic yard	.....	100	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	770	.....
12.	For timber piles, in place, and prepared, per lineal foot	.....	5,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	3,200	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	80,000	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	4,000	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	12,200	.....
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	.....	2,430	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	1,800	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	238,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	5,500	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	4,400	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	660	.....
25	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds	.....	10	.....
26.	For wire mesh in place, per pound	.....	10,600	.....
27.	For one and one-half inch (1½-inch) galvanized iron pipe hand rail, in place including expansion bolts, etc., per lineal foot	.....	100	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	9,000	.....
29.	For vault lights, in place, per square foot	.....	4,500	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein or thereon, per square yard	.....	7,140	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	14,520	.....
31	For park surface restored (all classes), per square yard	.....	20,800	.....
32	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three-fourths inch (¾-inch) wrought-iron, per lineal foot	.....	18,900	.....
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot	.....	3,230	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	1,730	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	6,600	.....
33.	For cast-iron outlet boxes in place, in stations, each	.....	1,030	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy") in place in stations, per lineal foot	.....	140	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,250	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	720	.....
	Egg-shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	*2,168	.....
47.	For 4 feet 0 inches by 2 feet 8 inches per lineal foot	.....	*452	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	5,500	.....
	(b) For horse railroads, per lineal foot of single track	.....	240	.....
76.	For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column	.....	120	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal feet	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	760	.....
82.	For 12-inch water pipe, per lineal foot	.....	730	.....
84.	For 20-inch water pipe, per lineal foot	.....	680	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	280	.....
91.	For 6-inch gas pipe, per lineal foot	.....	610	.....
96.	For 20-inch gas pipe, per lineal foot	.....	90	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	25	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	6	.....
	Steam Pipes, Air Pipes and Mail Tubes—Items 109 to 126.			
	Steam Pipes—Items 109 to 120.			
	For steam pipe, in place, as follows:			
110.	For 8-inch steam pipe, per lineal foot	.....	30	.....
113.	For 15-inch steam pipe, per lineal foot	.....	830	.....
	New Steel-Welded Flanged Steam Pipe Delivered on the Work, as Follows—Items 115 to 120.			
116.	For 8-inch steam pipe, per lineal foot	.....	30	.....
119.	For 15-inch steam pipe, per lineal foot	.....	200	.....
	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 75a.)			
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot	.....	45,900	.....

*Balance remaining after deducting portion of sewer included in railroad construction under section 424 of the specifications.

(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 five hundred thousand dollars ($500,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at room No.....on the.....floor of the building No.....in the Borough of.....in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that this 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 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, then the amount of said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

.....being duly sworn, says: I am†.....
the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 2, DEY STREET TO WALKER STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 2.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto: Copy of invitation to Contractors. Copy of form of contract. Copy of form of bond.

*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."

To the Public Service Commission for the First District:

1. The undersigned*.....

do.... hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 2 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids, and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities or 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	.....	256,100	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	142,300	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	3,500	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	100	.....
4.	†For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	3,000	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	1,300	.....
	(c) For buildings over twelve stories in height, per front foot	.....	750	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	23,300	.....
6.	For concrete masonry in place, per cubic yard	.....	84,800	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.	.....	6,220	.....
8.	For rubble stone masonry in place, per cubic yard	.....	3,250	.....
9.	For brick masonry, in place, per cubic yard	.....	50	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	2,360	.....
11.	For grout of Portland cement, per barrel of Portland cement used	.....	4,000	.....
12.	For timber piles, in place, and prepared, per linear foot	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B.M.	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	3,300	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	45,500	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	5,300	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	7,300	.....
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	.....	210	.....
	(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	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	1,600	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	365,400	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	6,700	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	3,850	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	1,240	.....
22.	For cast-iron tunnel lining, in place in the work, including the placing of bolts and washers and caulking of joints, etc., per ton of two thousand pounds	.....	5,300	.....
23.	For steel bolts and washers for tunnel lining, per ton of two thousand pounds	.....	75	.....
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	.....	20	.....
26.	For wire mesh, in place, per pound	.....	13,620	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	9,130	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	10,310	.....
29.	For vault lights, in place, per square foot.	.....	2,900	.....
30.	For street surface restored:			
	(a) Sidewalks, including curbs and all structures and growths therein or thereon, per square yard	.....	8,065	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	18,695	.....
31.	For park surface restored (all classes), per square yard	.....	1,300	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	31,300	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot	.....	1,550	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	830	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	4,400	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	1,160	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	380	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,760	.....
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	9	.....
	Egg-shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	*185	.....
47.	For 4 feet 0 inches by 2 feet 8 inches, per lineal foot	.....	†95	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	6,750	.....
	(b) For horse railroads, per lineal foot of single track	.....	770	.....
76.	For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column	.....	6	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
82.	For 12-inch water pipe, per lineal foot	.....	500	.....
85.	For 24-inch water pipe, per lineal foot	.....	1,200	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
94.	For 12-inch gas pipe, per lineal foot	.....	500	.....
95.	For 16-inch gas pipe, per lineal foot	.....	500	.....
96.	For 20-inch gas pipe, per lineal foot	.....	500	.....
	New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	50	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	13	.....
	High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.			
	For high pressure fire system pipe in place, as follows:			
102.	For 8-inch high pressure fire system water pipe, per lineal foot	.....	100	.....
103.	For 12-inch high pressure fire system water pipe, per lineal foot	.....	200	.....
104.	For 16-inch high pressure fire system water pipe, per lineal foot	.....	180	.....
106.	For 24-inch high pressure fire system water pipe, per lineal foot	.....	120	.....
	New Cast-iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.			
107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds	.....	15	.....
108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	5	.....

*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 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).

†Not to include underpinning, if any, in connection with construction of iron-lined tunnel portion.

*Balance remaining after deducting portion of sewer included in Railroad construction under section 424 of the specifications.

†Included in Railroad construction under section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
	Steam Pipes—Items 109 to 120.			
	For steam pipe in place, as follows:			
110.	For 8-inch steam pipe, per lineal foot....	.....	500	.....
	New Steel-welded Flanged Steam Pipe Delivered on the Work, as Follows—Items 115 to 120.			
116.	For 8-inch steam pipe, per lineal foot....	.....	100	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets. (Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a).			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....	.....	31,000	.....

(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 six hundred thousand dollars ($600,000) 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 .... on the ... floor of the building No.., in the Borough of ....., in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this Proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that this 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 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the Contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

....., being duly sworn, says: I am†....., the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this ..... day of ....., 1910.

ROUTE 5, SECTION 2A, WALKER STREET TO HOWARD STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 2A.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remained 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 2A of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	28,070	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	59,370	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	100	.....
4.	For underpinning buildings, including all incidental work and material, per linear front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot.....	.....	318	.....
	(b) For buildings from seven to twelve stories in height, per front foot.....	.....	70	.....
	(c) For buildings over twelve stories in height, per front foot.....	.....	.....	.....
6.	For concrete masonry, in place, per cubic yard	.....	18,180	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard	.....	2,625	.....
8.	For rubble stone masonry in place, per cubic yard	.....	500	.....
9.	For brick masonry, in place, per cubic yard.	.....	230	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....	.....	105	.....
12.	For timber piles, in place, and prepared, per linear foot	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B.M.....	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	1,070	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....	.....	20,625	.....
	(b) For 2-ply, per square yard.....	.....	100	.....
	(c) For 3-ply, per square yard.....	.....	1,255	.....
	(d) For 4-ply, per square yard.....	.....	100	.....
	(e) For 5-ply, per square yard.....	.....	100	.....
	(f) For 6-ply, per square yard.....	.....	120	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....	.....	3,255	.....
17.	For vitrified or cast-iron drain pipe in place, as follows:			
	(a) For 12-inch vitrified pipe, per linear foot	.....	100	.....
	(b) For 10-inch vitrified pipe, per linear foot	.....	100	.....
	(c) For 8-inch vitrified pipe, per linear foot	.....	800	.....
	(d) For 6-inch vitrified pipe, per linear foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per linear foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per linear foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per linear foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per linear foot	.....	625	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	45,025	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....	.....	2,275	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....	.....	1,945	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....	.....	23	.....
25.	For miscellaneous iron castings, other than tunnel lining, such as manhole heads and covers, gratings, etc.; but not including castings for sewer work or pipes; in place, per ton of two thousand pounds..	.....	10	.....
26.	For wire mesh, in place, per pound.....	.....	4,100	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot....	.....	900	.....
29.	For vault lights, in place, per square foot..	.....	2,025	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein or thereon, per square yard.....	.....	2,442	.....
	(b) For temporary repavement and maintenance of roadways, per square yard...	.....	2,798	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-in.) wrought-iron, per linear foot.....	.....	9,640	.....
	(b) For one and one-half inch (1½-in.) wrought-iron, per linear foot.....	.....	520	.....
	(c) For two-inch (2-in.) wrought-iron, per linear foot	.....	260	.....
	(d) For two-inch (2-in.) fibre, per linear foot	.....	2,160	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	578	.....
34.	For six-inch (6-in.) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per linear foot.....	.....	770	.....
	SEWERS—ITEMS 37 TO 74.			
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3-foot 6-inch by 2-foot 4-inch, per linear foot.....	.....	*(190)	.....
47.	For 4-foot by 2-foot 8-inch, per linear foot	.....	*(230)	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
54.	For 4-foot 3-inch, per linear foot.....	.....	* (42)	.....
55.	For 4-foot 9-inch, per linear foot.....	.....	* 208)	.....
57.	For 5-foot 6-inch, per linear foot.....	.....	* (68)	.....

*Included in Railroad construction under Section 424 of the specifications.

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of ....."; if a corporation, say "the (President or other officer duly authorized) of the ..... Company."

‡The 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 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.
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per linear foot of single track	.....	1,280	.....
	(b) For horse railroads, per linear foot of single track	.....	100	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per linear foot	.....	100	.....
82.	For 12-inch water pipe, per linear foot	.....	500	.....
86.	For 30-inch water pipe, per linear foot	.....	400	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
91.	For 6-inch gas pipe, per linear foot	.....	960	.....
	New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	21	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	6	.....
	High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.			
	For high pressure fire system pipe in place, as follows:			
102.	For 8-inch high pressure fire system water pipe, per linear foot	.....	100	.....
103.	For 12-inch high pressure fire system water pipe, per linear foot	.....	490	.....
104.	For 16-inch high pressure fire system water pipe, per linear foot	.....	150	.....
	New Cast-iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.			
107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds	.....	12	.....
108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	4	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a).			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	11,000	.....

(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 two hundred and fifty thousand dollars ($250,000) 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 .....in the Borough of.....in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

Affidavit of Verification.

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

.....being duly sworn, says: I am* the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 3, HOWARD STREET TO BLEECKER STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 3.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors. Copy of Form of Contract. Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned†..... ..... do .... hereby, in pursuance of the Invitation to Contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 3 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	172,000	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	40,500	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	10,400	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	3,700	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	1,700	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
6.	For concrete masonry, in place, per cubic yard	.....	42,300	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.	.....	2,200	.....
8.	For rubble stone masonry in place, per cubic yard	.....	2,300	.....
9.	For brick masonry in place, per cubic yard	.....	50	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	1,230	.....
12.	For timber piles, in place and prepared, per lineal foot	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B.M.	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	2,800	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	16,900	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	3,700	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	3,060	.....
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	.....	1,460	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	1,170	.....
18.	For tunnel ducts in place as required by section 305 of the specifications, per duct foot	.....	207,400	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	2,560	.....

*If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the.....Company."

†The 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 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.
20.	For steel beams and shapes with connections painted and erected, per ton of two thousand pounds	.....	780	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	1,530	.....
24.	For cast-iron columns erected and painted, per ton of two thousand pounds	.....	10	.....
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	.....	12	.....
26.	For wire mesh, in place, per pound	.....	6,400	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	3,520	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	8,200	.....
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	.....	9,390	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	14,240	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	7,600	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot	.....	1,000	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	520	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	.....	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	440	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	160	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast Iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,272	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	543	.....
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds	.....	283	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot	.....	*554	.....
48.	For 4 feet 3 inches by 2 feet 10 inches per lineal foot	.....	484	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
53.	For 4 feet 0 inch per lineal foot	.....	1,145	.....
54.	For 4 feet 3 inches per lineal foot	.....	*284	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	5,470	.....
	(b) For horse railroads, per lineal foot of single track	.....	720	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
82.	For 12-inch water pipe, per lineal foot	.....	600	.....
86.	For 30-inch water pipe, per lineal foot	.....	800	.....
	New Cast Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	32	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	8	.....
	High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.			
	For high pressure fire system pipe in place, as follows:			
102.	For 8-inch high pressure fire system water pipe, per lineal foot	.....	100	.....
103.	For 12-inch high pressure fire system water pipe, per lineal foot	.....	410	.....
105.	For 20-inch high pressure fire system water pipe, per lineal foot	.....	120	.....
	New Cast Iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.			
107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds	.....	10	.....
108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	3	.....

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	42,000	.....

(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 three hundred thousand dollars ($300,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the Building No. .....in the Borough of.....in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

..... being duly sworn, says: I am†.....
the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 4, BLEECKER STREET TO 14TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 4.)

Notice—Sums of money must be written in words and also in figures, except in the schedules. There must remain annexed hereto:

Copy of Invitation to Contractors; Copy of Form of Contract; Copy of Form of Bond.

To the Public Service Commission for the First District:

1. The undersigned‡..... do..
hereby, in pursuance of the invitation to contractors, a copy of which is attached hereto, propose according to the terms thereof to enter into a contract in the form annexed hereto with The City of New York for the construction of Section 4 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following schedule of unit prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids, and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	181,400	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	14,100	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say "the (President or other officer duly authorized) of the..... Company."

‡The 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 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.
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	9,000	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	25,700	.....
4.	For underpinning buildings, including all incidental work and material per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	2,100	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	1,600	.....
	(c) For buildings over twelve stories in height, per front foot	.....	70	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	33,000	.....
6.	For concrete masonry, in place, per cubic yard	.....	46,400	.....
7.	For protective concrete masonry in place, outside of waterproofing, per cubic yard	.....	1,200	.....
8.	For rubble stone masonry in place, per cubic yard	.....	900	.....
9.	For brick masonry, in place, per cubic yard	.....	1,300	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	1,700	.....
11.	For grout of Portland cement, per barrel of Portland cement used	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	3,700	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	9,900	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	1,320	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	1,550	.....
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	.....	3,330	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	4,420	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	437,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	1,940	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	1,750	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	1,250	.....
24.	For cast-iron columns, erected and painted, per ton of two thousand pounds	.....	90	.....
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	.....	16	.....
26.	For wire mesh, in place, per pound	.....	6,030	.....
27.	For one and one-half inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	10,140	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	6,200	.....
29.	For vault lights, in place, per square foot	.....	900	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	6,950	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	15,470	.....
31.	For park surface restored (all classes), per square yard	.....	1,350	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths inch (¾-inch) wrought-iron, per lineal foot	.....	4,500	.....
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot	.....	570	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	310	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	2,200	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	242	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	25	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	2,134	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	170	.....
	Egg-shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot	.....	1,978	.....
48.	For 4 feet 3 inches by 2 feet 10 inches per lineal foot	.....	228	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	4,800	.....
	(b) For horse railroads, per lineal foot of single track	.....	150	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	530	.....
82.	For 12-inch water pipe, per lineal foot	.....	1,560	.....
87.	For 36-inch water pipe, per lineal foot	.....	2,300	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	130	.....
91.	For 6-inch gas pipe, per lineal foot	.....	1,800	.....
92.	For 8-inch gas pipe, per lineal foot	.....	1,070	.....
94.	For 12-inch gas pipe, per lineal foot	.....	270	.....
	New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	130	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	40	.....
	High Pressure Fire System Pipes, Standard Spigot and Grooves—Items 102 to 106.			
	For high pressure fire system pipe in place, as follows:			
102.	For 8-inch high pressure fire system water pipe, per lineal foot	.....	100	.....
103.	For 12-inch high pressure fire system water pipe, per lineal foot	.....	90	.....
104.	For 16-inch high pressure fire system water pipe, per lineal foot	.....	120	.....
	New Cast-iron Spigot and Groove Pipe for High Pressure Fire System—Items 107 and 108.			
107.	For new cast-iron spigot and groove straight pipe delivered on the work, per ton of two thousand pounds	.....	12	.....
108.	For new cast-iron spigot and groove pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	4	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	49,600	.....

(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 three hundred thousand dollars ($300,000) in the form hereto annexed with the following-named Sureties, viz.:

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. ..... on the ..... floor of the building No. ..... in the Borough of....., in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

..... being duly sworn, says: I am†..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 5, 14TH STREET TO 26TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 5.)

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 5 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	106,000	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	17,500	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	21,800	.....
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	3,800	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	400	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	75,300	.....
6.	For concrete masonry, in place, per cubic yard	.....	37,800	.....
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard	.....	620	.....
8.	For rubble stone masonry, in place, per cubic yard	.....	350	.....
9.	For brick masonry, in place, per cubic yard	.....	3,100	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	1,400	.....
11.	For grout of Portland cement, per barrel of Portland cement used	.....	2,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	3,500	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	5,900	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	5,600	.....
	(d) For 4-ply per, square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	770	.....
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	.....	6,600	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	9,000	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	525,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	270	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	650	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	1,150	.....
24.	For cast-iron columns, erected and painted, per ton of two thousand pounds	.....	130	.....
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	.....	15	.....
26.	For wire mesh, in place, per pound	.....	1,400	.....
27.	For one and one-half inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	11,100	.....
28.	For steel gratings, for ventilation, in place, including frames, etc., per square foot	.....	8,300	.....
29.	For vault lights, in place, per square foot	.....	5,500	.....
30.	For street surface restored:			
	(a) Sidewalks, including curbs and all structures and growths therein and thereon, per square yard	.....	5,950	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	14,050	.....
31.	For park surface restored (all classes), per square yard	.....	1,000	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	15,500	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot	.....	450	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	230	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	4,000	.....
33.	For cast-iron outlet boxes, in place in stations, each	.....	640	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	40	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-Iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,738	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	280	.....
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds	.....	4	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	1,465	.....
47.	For 4 feet 0 inches by 2 feet 8 inches, per lineal foot	.....	248	.....
48.	For 4 feet 3 inches by 2 feet 10 inches, per lineal foot	.....	240	.....
49.	For 4 feet 6 inches by 3 feet, 0 inches, per lineal foot	.....	242	.....
50.	For 4 feet 9 inches by 3 feet 2 inches, per lineal foot	.....	246	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
52.	For 3 feet 9 inches, per lineal foot	.....	264	.....
60.	For 6 feet 0 inches per lineal foot	.....	1,250	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	2,300	.....
	(b) For horse railroads, per lineal foot of single track	.....	200	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes, in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	1,800	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes, in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	460	.....
91.	For 6-inch gas pipe, per lineal foot	.....	1,490	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... .....Company."

‡The 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 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.
92.	For 8-inch gas pipe, per lineal foot.....	.....	720	.....
94.	For 12-inch gas pipe, per lineal foot.....	.....	580	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....	.....	20	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....	.....	5	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....	.....	86,000	.....

(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 three hundred thousand dollars ($300,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of.....in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

..... being duly sworn, says: I am†.....

the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 6, 26TH STREET TO 40TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 6.)

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 6 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of.....";
if a corporation, say "the (President or other officer duly authorized) of the.....Company."

‡The 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 the bid is submitted by a firm, the above blank must be filled up in the following form, "the firm of A. B. & C., compsed of A. B., C. D., etc." (giving the names of all the partners).

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	73,000	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	500	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	37,000	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	116,200	.....
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	27,000	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot.....	.....	340	.....
	(b) For buildings from seven to twelve stories in height, per front foot.....	.....	30	.....
	(c) For buildings over twelve stories in height, per front foot.....	.....	.....	.....
5.	For tunnel excavation (except tunneling for sewers), including disposal of material, timbering, etc., per cubic yard.....	.....	85,000	.....
5a.	For tunnel excavation for sewers and pipes, including the disposal of material, timber, etc., per cubic yard.....	.....	2,810	.....
6.	For concrete masonry in place, per cubic yard	.....	42,300	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard	.....	370	.....
8.	For rubble stone masonry in place, per cubic yard	.....	1,700	.....
9.	For brick masonry, in place, per cubic yard	.....	1,610	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....	.....	880	.....
11.	For grout of Portland cement, per barrel of Portland cement used.....	.....	2,500	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.....	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	3,100	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....	.....	4,810	.....
	(b) For 2-ply, per square yard.....	.....	100	.....
	(c) For 3-ply, per square yard.....	.....	6,300	.....
	(d) For 4-ply, per square yard.....	.....	100	.....
	(e) For 5-ply, per square yard.....	.....	100	.....
	(f) For 6-ply, per square yard.....	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....	.....	650	.....
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	.....	5,100	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	8,200	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	555,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....	.....	1,770	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	2,710	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....	.....	610	.....
24.	For cast-iron columns erected and painted, per ton of two thousand pounds.....	.....	60	.....
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..	.....	15	.....
26.	For wire mesh, in place, per pound.....	.....	8,200	.....
27.	For one and one-half-inch (1½-inch) galvanized-iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	12,900	.....
28.	For steel grating for ventilation, in place, including frames, etc., per square foot..	.....	10,100	.....
29.	For vault lights, in place, per square foot.	.....	6,400	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....	.....	3,170	.....
	(b) For temporary repavement and maintenance of roadways, per square yard...	.....	19,630	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths inch (¾ inch) wrought-iron, per lineal foot.....	.....	12,000	.....
	(b) For one and one-half inch (1½ inch) wrought-iron, per lineal foot.....	.....	900	.....
	(c) For two inch (2 inch) wrought-iron, per lineal foot.....	.....	460	.....

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
	(d) For two inch (2 inch) fibre, per lineal foot	.....	4,400	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	640	.....
34.	For six inch (6 inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	60	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-Iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	720	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	1,055	.....
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds	.....	9	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot	.....	390	.....
47.	For 4 feet 0 inches by 2 feet 8 inches per lineal foot	.. ..	*(60)	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
57.	For 5 feet 6 inches per lineal foot	.....	1,080	.....
58.	For 5 feet 6 inches in tunnel, per lineal foot	.....	1,280	.....
60.	For 6 feet 0 inches, per lineal foot	.....	1,160	.....
64.	For 8 feet 0 inches, per lineal foot	.....	420	.....
66.	For 9 feet 6 inches, per lineal foot	.....	1,935	.....
	Sewers of Special Forms—Items 67 to 72.			
71.	For triple section, per lineal foot	.....	102	.....
72.	For 4 feet 0 inches, wooden barrel, per lineal foot	.....	336	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	5,800	.....
	(b) For horse railroads, per lineal foot of single track	.....	270	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	1,230	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	160	.....
91.	For 6-inch gas pipe, per lineal foot	.....	830	.....
92.	For 8-inch gas pipe, per lineal foot	.....	880	.....
94.	For 12-inch gas pipe, per lineal foot	.....	1,000	.....
95.	For 16-inch gas pipe, per lineal foot	.....	110	.....
96.	For 20-inch gas pipe, per lineal foot	.....	230	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	27	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	7	.....
	Air Pipes—Items 121 to 124.			
	For air pipe in place, as follows:			
122.	For 8-inch air pipe, per lineal foot	.....	250	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	103,000	.....

(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 three hundred and fifty thousand dollars ($350,000) in the form hereto annexed, with the following named Sureties, viz.:

.....

.....

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No..... on the..... floor of the building No.....in the Borough of.....in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission, the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

..... being duly sworn, says: I am†.....
the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 7, 40TH STREET TO 53RD STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 7.)

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 7 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction, and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	125,600	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	6,300	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	221,000	.....
3a.	For rock excavation, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	5,800	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	1,284	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	145	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
5.	For tunnel excavation (except tunneling for sewers), including disposal of material, timbering, etc., per cubic yard	.....	17,700	.....
5a.	For tunneling excavation for sewers and pipes, including the disposal of material, timber, etc., per cubic yard	.....	565	.....
6.	For concrete masonry, in place, per cubic yard	.....	54,200	.....
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard	.....	1,240	.....
8.	For rubble stone masonry, in place, per cubic yard	.....	3,200	.....
9.	For brick masonry, in place, per cubic yard	.....	800	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	230	.....
11.	For grout of Portland cement, per barrel of Portland cement used	.....	500	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	2,250	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	5,535	.....
	(b) For 2-ply, per square yard	.....	100	.....

*Included in Railroad construction under Section 424 of the specifications.

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the.....Company."

‡The 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 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.
	(c) For 3-ply, per square yard	.....	10,840	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	1,020	.....
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	.....	6,500	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	8,570	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	609,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	4,390	.....
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	.....	380	.....
24.	For cast-iron columns, erected and painted, per ton of two thousand pounds	.....	52	.....
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	.....	18	.....
26.	For wire mesh, in place, per pound	.....	5,900	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	9,783	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	10,100	.....
29.	For vault lights, in place, per square foot	.....	8,150	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	9,970	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	15,430	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	23,100	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot	.....	1,070	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	575	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	6,610	.....
33.	For cast-iron outlet boxes, in place in stations, each	.....	994	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	440	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-Iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	2,887	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	830	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	1,044	.....
47.	For 4 feet 0 inches by 2 feet 8 inches, per lineal foot	.....	806	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
53.	For 4 feet 0 inches, per lineal foot	.....	300	.....
58.	For 5 feet 6 inches, in tunnel, per lineal foot	.....	257	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	7,192	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
76.	For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column	.....	4	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes, in place, as follows:			
78.	for 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	800	.....
82.	For 12-inch water pipe, per lineal foot	.....	340	.....
84.	For 20-inch water pipe, per lineal foot	.....	700	.....
86.	For 30-inch water pipe, per lineal foot	.....	140	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes, in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	360	.....
91.	For 6-inch gas pipe, per lineal foot	.....	200	.....
92.	For 8-inch gas pipe, per lineal foot	.....	540	.....
94.	For 12-inch gas pipe, per lineal foot	.....	270	.....
95.	For 16-inch gas pipe, per lineal foot	.....	470	.....
96.	For 20-inch gas pipe, per lineal foot	.....	180	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	40	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	10	.....
	Air Pipes—Items 121 to 124.			
	For air pipe in place, as follows:			
121.	For 6-inch air pipe, per lineal foot	.....	130	.....
122.	For 8-inch air pipe, per lineal foot	.....	500	.....
123.	For new 6-inch air pipe, delivered on the work, per lineal foot	.....	30	.....
124.	For new 8-inch air pipe, delivered on the work, per lineal foot	.....	100	.....
	Mail Tubes—Items 125 and 126.			
125.	For 8-inch mail tube, in place, per lineal foot	.....	1,900	.....
126.	For new 8-inch mail tube, delivered on work, per ton of two thousand pounds	.....	10	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot	.....	106,000	.....

(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 three hundred and fifty thousand dollars ($350,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of....., in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission, the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

..... being duly sworn, says: I am†.....

the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 8, 53RD STREET TO 67TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 8.)

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*.....

---

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the.....Company."

*The 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 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).

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 8 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all 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	.....	172,700	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	24,000	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	54,000	.....
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	2,200	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	1,743	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	78,900	.....
6.	For concrete masonry, in place, per cubic yard	.....	45,100	.....
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard	.....	430	.....
8.	For rubble stone masonry, in place, per cubic yard	.....	3,750	.....
9.	For brick masonry, in place, per cubic yard	.....	3,480	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	470	.....
11.	For grout of Portland cement, per barrel of Portland cement used	.....	2,000	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	2,400	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	3,050	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	7,600	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	430	.....
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	.....	7,100	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	11,170	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	569,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	1,417	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	760	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	1,305	.....
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	.....	5	.....
26.	For wire mesh, in place, per pound	.....	1,370	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	12,758	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	8,560	.....
29.	For vault lights, in place, per square foot	.....	5,600	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	8,710	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	17,190	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths inch (¾-inch) wrought-iron, per lineal foot	.....	7,865	.....
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot	.....	706	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	380	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	2,200	.....
33.	For cast-iron outlet boxes in place, in stations, each	.....	494	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	90	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,596	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	1,758	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot	.....	1,863	.....
47.	For 4 feet 0 inches by 2 feet 8 inches per lineal foot	.....	342	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
59.	For 5 feet 9 inches per lineal foot	.....	268	.....
60.	For 6 feet 0 inches per lineal foot	.....	260	.....
63.	For 7 feet 0 inches per lineal foot	.....	870	.....
65.	For 8 feet 9 inches per lineal foot	.....	520	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	7,624	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	680	.....
84.	For 20-inch water pipe, per lineal foot	.....	60	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	400	.....
91.	For 6-inch gas pipe, per lineal foot	.....	800	.....
92.	For 8-inch gas pipe, per lineal foot	.....	900	.....
95.	For 16-inch gas pipe, per lineal foot	.....	60	.....
96.	For 20-inch gas pipe, per lineal foot	.....	1,000	.....
98.	For 30-inch gas pipe, per lineal foot	.....	250	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	36	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	9	.....
	Air Pipes—Items 121 to 124.			
	For air pipe in place, as follows:			
122.	For 8-inch air pipe, per lineal foot	.....	550	.....
124.	For new 8-inch air pipe, delivered on the work, per lineal foot	.....	100	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	121,000	.....

(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 three hundred thousand dollars ($300,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No. .....in the Borough of.....

.....in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

....., being duly sworn, says: I am†..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this .....day of....., 1910.

ROUTE 5, SECTION 9, 67TH STREET TO 79TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 9.)

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 9 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	101,100	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	18,000	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	48,400	.....
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	500	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	350	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	60,900	.....
6.	For concrete masonry in place, per cubic yard	.....	36,360	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard	.....	900	.....
8.	For rubble stone masonry in place, per cubic yard	.....	4,650	.....
9.	For brick masonry, in place, per cubic yard	.....	2,740	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	525	.....
11.	For grout of Portland cement, per barrel of Portland cement used	.....	2,000	.....
14.	For broken stone or gravel in place, other than that used in concrete, per cubic yard	.....	1,300	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	4,860	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	7,950	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	824	.....
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	.....	6,490	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	8,540	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	491,400	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	994	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	695	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	1,017	.....
24.	For cast iron columns erected and painted, per ton of two thousand pounds	.....	52	.....
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	.....	5	.....
26.	For wire mesh, in place, per pound	.....	1,300	.....
27.	For one and one-half-inch (1½-in.) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	10,520	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	5,580	.....
29.	For vault lights, in place, per square foot	.....	2,620	.....
30.	For street surface restored:			
	(a) Sidewalks, including curbs and all structures and growths therein and thereon, per square yard	.....	4,790	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	15,760	.....
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three - fourths - inch (¾-in.) wrought-iron, per lineal foot	.....	14,045	.....
	(b) For one and one-half-inch (1½-in.) wrought-iron, per lineal foot	.....	478	.....
	(c) For two-inch (2-in.) wrought-iron, per lineal foot	.....	256	.....
	(d) For two-inch (2-in.) fibre, per lineal foot	.....	4,400	.....
33.	For cast-iron outlet boxes in place, in stations, each	.....	612	.....
34.	For six-inch (6-in.) cast-iron pipe and fittings, including specials ("extra heavy"), in place, in stations per lineal foot	.....	300	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	2,800	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	530	.....
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds	.....	12	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3-foot 6-inch by 2-foot 4-inch, per lineal foot	.....	1,250	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
60.	For 6-foot 0-inch, per lineal foot	.....	1,200	.....
62.	For 6-foot 6-inch, per lineal foot	.....	240	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	6,196	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	330	.....
82.	For 12-inch water pipe, per lineal foot	.....	1,050	.....
	For water pipes in place, as follows:			
83.	For 16-inch water pipe, per lineal foot	.....	100	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of.....,"; if a corporation, say "the (President or other officer duly authorized) of the..... .....Company."

‡The 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 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.
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot.....	.....	330	.....
91.	For 6-inch gas pipe, per lineal foot.....	.....	1,200	.....
92.	For 8-inch gas pipe, per lineal foot.....	.....	280	.....
94.	For 12-inch gas pipe, per lineal foot.....	.....	290	.....
96.	For 20-inch gas pipe, per lineal foot.....	.....	530	.....
	New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....	.....	30	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....	.....	8	.....
	Air Pipes—Items 121 to 124.			
	For air pipe in place, as follows:			
122.	For 8-inch air pipe, per lineal foot.....	.....	410	.....
124.	For new 8-inch air pipe, delivered on the work, per lineal foot.....	.....	100	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....	.....	170,000	.....

(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 three hundred thousand dollars ($300,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of.....in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the ..... 1910.

Affidavit of Verification.

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

.....being duly sworn, says: I am†..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 10, 79TH STREET TO 93RD STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 10.)

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 10 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	44,700	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....	.....	2,500	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	150,100	.....
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	700	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....	.....	910	.....
	(b) For buildings from seven to twelve stories in height, per front foot.....	.....	100	.....
	(c) For buildings over twelve stories in height, per front foot.....	.....	.....	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	91,800	.....
6.	For concrete masonry, in place, per cubic yard	.....	49,540	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.	.....	260	.....
8.	For rubble stone masonry in place, per cubic yard	.....	2,300	.....
9.	For brick masonry, in place, per cubic yard	.....	1,940	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....	.....	65	.....
11.	For grout of Portland cement, per barrel of Portland cement used.....	.....	2,500	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	1,000	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....	.....	5,820	.....
	(b) For 2-ply, per square yard.....	.....	100	.....
	(c) For 3-ply, per square yard.....	.....	4,820	.....
	(d) For 4-ply, per square yard.....	.....	100	.....
	(e) For 5-ply, per square yard.....	.....	100	.....
	(f) For 6-ply, per square yard.....	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....	.....	595	.....
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	.....	4,100	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	10,300	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	576,300	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....	.....	2,655	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....	.....	2,574	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....	.....	588	.....
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..	.....	5	.....
26.	For wire mesh, in place, per pound.....	.....	6,970	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	14,968	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot..	.....	6,070	.....
29.	For vault lights, in place, per square foot.	.....	234	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....	.....	4,130	.....
	(b) For temporary repavement and maintenance of roadways, per square yard..	.....	8,340	.....
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot.....	.....	9,065	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot.....	.....	908	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot.....	.....	477	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	4,400	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say "the (President or other officer duly authorized) of the.....Company."

‡The 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 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.
33.	For cast-iron outlet boxes in place, in stations, each	.....	466	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	75	.....
	SEWERS—ITEMS 37 TO 74. *Vitrified and Cast-iron Pipe—Items 37 to 43.*			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,985	.....
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	25	.....
	Egg-shaped Brick or Concrete Sewers—Items 44 to 51.			
44.	For 3 feet 0 inches by 2 feet 0 inches, per lineal foot	.....	*(80)	.....
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	95	.....
47.	For 4 feet 0 inches by 2 feet 8 inches, per lineal foot	.....	*(210)	.....
51.	For 5 feet 2 inches by 3 feet 5 inches, per lineal foot	.....	*(70)	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	3,900	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
	PIPES IN STREETS—ITEMS 77 TO 126. *For Work and Material as Called for by Section 71 of the Specifications. Water and Gas Pipes—Items 77 to 108. Water Pipes—Items 77 to 88.*			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	120	.....
82.	For 12-inch water pipe, per lineal foot	.....	460	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	200	.....
91.	For 6-inch gas pipe, per lineal foot	.....	540	.....
92.	For 8-inch gas pipe, per lineal foot	.....	350	.....
94.	For 12-inch gas pipe, per lineal foot	.....	100	.....
96.	For 20-inch gas pipe, per lineal foot	.....	120	.....
	New Cast-iron Hub and Spigot Water and Gas Pipes—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	12	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	3	.....
	Air Pipes—Items 121 to 124.			
	For air pipe, in place, as follows:			
121.	For 6-inch air pipe, per lineal foot	.....	150	.....
	DUCTS IN STREETS. *Electric Ducts and Conduits in Streets.* (Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	19,000	.....

(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 three hundred thousand dollars ($300,000) 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 undesigned.

(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 ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the ....., 1910.

Affidavit of Verification.

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

....., being duly sworn, says: I am†..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of ....., 1910.

ROUTE 5, SECTION 11, 93D STREET TO 106TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 11.)

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 11 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	52,100	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	22,700	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	3,600	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	81,300	.....
3a.	For rock excavation, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	1,900	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	2,300	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	82,900	.....
6.	For concrete masonry, in place, per cubic yard	.....	39,170	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard	.....	2,060	.....
8.	For rubble stone masonry in place, per cubic yard	.....	2,270	.....
9.	For brick masonry, in place, per cubic yard	.....	1,880	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	1,340	.....
11.	For grout of Portland cement, per barrel of Portland cement used	.....	2,500	.....
12.	For timber piles, in place, and prepared, per lineal foot	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	1,760	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	17,850	.....
	(b) For 2-ply, per square yard	.....	100	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of ....."; if a corporation, say "the (President or other officer duly authorized) of the..... .....Company."

‡The 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 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).

*Included in Railroad construction under Section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
	(c) For 3-ply, per square yard	.....	8,800	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	2,500	.....
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot	.....	2,340	.....
	(b) For 10-inch vitrified pipe, per lineal foot	.....	100	.....
	(c) For 8-inch vitrified pipe, per lineal foot	.....	2,200	.....
	(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	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	8,730	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	409,480	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	1,480	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	2,480	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	300	.....
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	.....	7	.....
26.	For wire mesh, in place, per pound	.....	6,640	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	6,960	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	5,535	.....
29.	For vault lights, in place, per square foot	.....	4,420	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	5,570	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	9,470	.....
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	15,260	.....
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot	.....	373	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	187	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	2,160	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	587	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	250	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	1,405	.....
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	51	.....
	Egg-shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	*975	.....
46.	For 3 feet 9 inches by 2 feet 6 inches, per lineal foot	.....	*308	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	3,560	.....
	(b) For horse railroads, per lineal foot of single track	.....	†40	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108. Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	580	.....
82.	For 12-inch water pipe, per lineal foot	.....	660	.....
88.	For 48-inch water pipe, per lineal foot	.....	170	.....

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Yard supply tracks for elevated railroad.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
90.	For 4-inch gas pipe, per lineal foot	.....	100	.....
91.	For 6-inch gas pipe, per lineal foot	.....	1,260	.....
92.	For 8-inch gas pipe, per lineal foot	.....	930	.....
	New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	29	.....
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-a).			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	38,000	.....

(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 three hundred thousand dollars ($300,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of..... in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of ten thousand dollars ($10,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

..... being duly sworn, says, I am†..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 12, 106TH STREET TO 118TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 12).

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 12 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of.....";
if a corporation, say "the (President or other officer duly authorized) of the..... .....Company."

‡The 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 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).

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	.....	126,000	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	93,000	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	11,300	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	12,820	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	4,680	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
6.	For concrete masonry, in place, per cubic yard	.....	42,535	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.	.....	5,480	.....
8.	For rubble stone masonry in place, per cubic yard	.....	874	.....
9.	For brick masonry, in place, per cubic yard	.....	100	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	1,212	.....
12.	For timber piles, in place, and prepared, per lineal foot	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	3,450	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	37,870	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	5,300	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic in place, per cubic yard	.....	6,053	.....
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot	.....	2,634	.....
	(b) For 10-inch vitrified pipe, per lineal foot	.....	100	.....
	(c) For 8-inch vitrified pipe, per lineal foot	.....	685	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	2,225	.....
18.	For tunnel ducts, in place as required by section 305 of the specifications, per duct foot	.....	319,490	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	754	.....
20.	For steel beams and shapes with connections painted and erected, per ton of two thousand pounds	.....	4,163	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	95	.....
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	.....	12	.....
26.	For wire mesh, in place, per pound	.....	12,760	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	6,320	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot.	.....	8,440	.....
29.	For vault lights, in place, per square foot	.....	8,900	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	8,230	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	17,330	.....
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	12,455	.....
	(b) For one and one-half inch (1½-inch) wrought-iron, per lineal foot	.....	373	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	187	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	2,160	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	720	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	275	.....

SEWERS—ITEMS 37 TO 74.

Vitrified and Cast-Iron Pipe—Items 37 to 43.

38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	2,418	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	830	.....
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	568	.....
43.	For cast-iron sewer pipe (special casting) in place in the work, per ton of two thousand pounds	.....	130	.....

Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.

45.	For 3 feet 6 inches by 2 feet 4 inches per lineal foot	.....	1,296	.....

Additional Sewer Construction—Items 73 and 74.

73.	For six (6) inch centrifugal pump and motor and appurtenances in place complete, capacity 1,000 gallons per minute against 20 foot head, power—550 Volts D. C.	.....	1	.....
74.	For eight (8) inch centrifugal pump and motor and appurtenances in place complete, capacity 1,800 gallons per minute against 20 foot head, power—550 Volts D. C.	.....	1	.....

SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.

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 railroads, per lineal foot of single track	.....	6,585	.....
	(b) For horse railroads, per lineal foot of single track	.....	310	.....

PIPES IN STREETS—ITEMS 77 TO 126.

For Work and Material as Called for by Section 71 of the Specifications.

Water and Gas Pipes—Items 77 to 108.

Water Pipes—Items 77 to 88.

For water pipes in place, as follows:

78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	440	.....
82.	For 12-inch water pipe, per lineal foot	.....	1,480	.....
84.	For 20-inch water pipe, per lineal foot	.....	190	.....

Gas Pipes—Items 89 to 99.

For gas pipes in place, as follows:

90.	For 4-inch gas pipe, per lineal foot	.....	830	.....
91.	For 6-inch gas pipe, per lineal foot	.....	1,530	.....
92.	For 8-inch gas pipe, per lineal foot	.....	550	.....
95.	For 16-inch gas pipe, per lineal foot	.....	130	.....
96.	For 20-inch gas pipe, per lineal foot	.....	190	.....
97.	For 24-inch gas pipe, per lineal foot	.....	100	.....
99.	For 36-inch gas pipe, per lineal foot	.....	130	.....

New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.

100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	40	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	10	.....

DUCTS IN STREETS.

Electric Ducts and Conduits in Streets.

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

127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot	.....	83,000	.....

(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 four hundred thousand dollars ($400,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No. .....on the .....floor of the building No. .....in the Borough of .....in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of twelve thousand five hundred dollars ($12,500). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

....., being duly sworn, says: I am†..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of ....., 1910.

ROUTE 5, SECTION 13, 118TH STREET TO 129TH STREET.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.
(Route 5, Section 13.)

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 13 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	79,320	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	51,360	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	2,400	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	207,460	.....
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	260	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	3,300	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	95	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
6.	For concrete masonry, in place, per cubic yard	.....	50,215	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard.	.....	3,570	.....
8.	For rubble stone masonry in place, per cubic yard	.....	1,200	.....
9.	For brick masonry, in place, per cubic yard	.....	100	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	450	.....
12.	For timber piles, in place, and prepared, per lineal foot	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	2,800	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	27,360	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	3,190	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	590	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	4,660	.....
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot	.....	1,102	.....
	(b) For 10-inch vitrified pipe, per lineal foot	.....	100	.....
	(c) For 8-inch vitrified pipe, per lineal foot	.....	3,060	.....
	(d) For 6-inch vitrified pipe, per lineal foot	.....	200	.....
	(e) For 4-inch vitrified pipe, per lineal foot	.....	100	.....
	(f) For 8-inch cast-iron pipe, per lineal foot	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	6,790	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	291,770	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	5,585	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	3,905	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	90	.....
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	.....	12	.....
26.	For wire mesh, in place, per pound	.....	21,320	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	6,260	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	5,220	.....
29.	For vault lights, in place, per square foot.	.....	3,960	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	8,940	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	14,730	.....
32.	For wrought-iron or fibre electric conduits, in place, in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	4,770	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot	.....	820	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	410	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	4,320	.....
33.	For cast-iron outlet boxes in place in stations, each	.....	480	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	245	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-iron Pipe—Items 37 to 43.			
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	*514	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	*270	.....
42.	For cast-iron sewer pipe (straight pipe) in place in the work, per ton of two thousand pounds	.....	10	.....
	Egg-shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	*677	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	5,980	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	1,670	.....
82.	For 12-inch water pipe, per lineal foot	.....	1,420	.....
84.	For 20-inch water pipe, per lineal foot	.....	120	.....
87.	For 36-inch water pipe, per lineal foot	.....	120	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes in place, as follows:			
89.	For 3-inch gas pipe, per lineal foot	.....	170	.....
90.	For 4-inch gas pipe, per lineal foot	.....	860	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of ......"; if a corporation, say "the (President or other officer duly authorized) of the..... .....Company."

‡The 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 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).

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
91.	For 6-inch gas pipe, per lineal foot.....	.....	3,430	.....
92.	For 8-inch gas pipe, per lineal foot.....	.....	2,370	.....
93.	For 10-inch gas pipe, per lineal foot.....	.....	230	.....
94.	For 12-inch gas pipe, per lineal foot.....	.....	120	.....
	New Cast-iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....	.....	53	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds.....	.....	13	.....
	Air Pipes—Items 121 to 124.			
	For air pipe in place, as follows:			
122.	For 8-inch air pipe, per lineal foot.....	.....	210	.....
	Mail Tubes—Items 125 and 126.			
125.	For 8-inch mail tube in place, per lineal foot	.....	1,200	.....
126.	For new 8-inch mail tube, delivered on the work, per ton of two thousand pounds	.....	6	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits in place, as provided in section 71a of the specifications, per duct foot.....	.....	63,000	.....

(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 four hundred thousand dollars ($400,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of..... in the City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of twelve thousand five hundred dollars ($12,500). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

....., being duly sworn, says: I am†..... the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

ROUTE 5, SECTION 14, 129TH STREET TO MOTT AVENUE, TYPE H.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 14.)

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 14 of Route 5, in accordance with the type of tunnel construction designated "H" 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.
	TUNNEL TUBES.			
*35.	For tube tunnel under Harlem River as per type "H," per lineal foot of four-track tube complete.....	.....	1,110	.....
	APPROACHES.			
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	47,970	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	155,650	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....	.....	1,565	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	24,480	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned as follows:			
	(a) For buildings less than seven stories in height, per front foot.....	.....	850	.....
	(b) For buildings from seven to twelve stories in height, per front foot.....	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot.....	.....	.....	.....
6.	For concrete masonry, in place, per cubic yard	.....	38,600	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard	.....	5,140	.....
8.	For rubble stone masonry in place, per cubic yard	.....	1,370	.....
9.	For brick masonry, in place, per cubic yard	.....	100	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....	.....	100	.....
†12.	For timber piles, in place, and prepared, per lineal foot.....	.....	10,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.....	.....	2M	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard.....	.....	44,830	.....
	(b) For 2-ply, per square yard.....	.....	100	.....
	(c) For 3-ply, per square yard.....	.....	310	.....
	(d) For 4-ply, per square yard.....	.....	100	.....
	(e) For 5-ply, per square yard.....	.....	100	.....
	(f) For 6-ply, per square yard.....	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard.....	.....	7,380	.....
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	.....	100	.....
	(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	.....	100	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	179,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds.....	.....	6,200	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds.....	.....	690	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....	.....	550	.....
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	.....	12	.....
26.	For wire mesh, in place, per pound.....	.....	16,340	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	5,330	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot..	.....	1,560	.....
29.	For vault lights, in place, per square foot	.....	100	.....

*See note under Item 12 of Approaches.

†The price bid for Item 12 to apply also to any piles ordered under section 127 of the specifications.

*Here insert the names and addresses of all persons interested with the bidder If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of ....."; if a corporation, say "the (President or other officer duly authorized) of the .....Company."

‡The 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 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.
30.	For street surface restored: (a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	3,500	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	7,095	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-Iron Pipe—Items 37 to 43.			
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	290	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	*50	.....
47.	For 4 feet 2 inches by 2 feet 8 inches, per lineal foot	.....	†(60)	.....
	Sewers of Special Forms—Items 67 to 72.			
70.	For 7 feet 0 inches by 12 feet 0 inches, per lineal foot	.....	†(985)	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	1,550	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes, in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	100	.....
82.	For 12-inch water pipe, per lineal foot	.....	100	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	1	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot	.....	2,000	.....

(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 five hundred thousand dollars ($500,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the .....floor of the building No.....in the Borough of.....in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned.

(5) A notice of acceptance of this Proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except‡

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

.....being duly sworn, says: I am§.....

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Included in Railroad construction under Section 424 of the specifications.

§If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the.....Company."

the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this ..... day of ....., 1910.

ROUTE 5, SECTION 14, 129TH STREET TO MOTT AVENUE, TYPE K.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 14.)

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 14 of Route 5, in accordance with the type of tunnel construction designated "K," 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:

TYPE K.

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
	TUNNEL TUBES.			
†36.	For tube tunnel under Harlem River, as per type "K," per lineal foot of four-track tube complete	.....	1,080	.....
	APPROACHES.			
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	49,510	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	156,100	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard	.....	1,565	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard	.....	27,620	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot	.....	850	.....
	(b) For buildings from seven to twelve stories in height, per front foot	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot	.....	.....	.....
6.	For concrete masonry, in place, per cubic yard	.....	39,000	.....
7.	For protective concrete masonry in place outside of waterproofing, per cubic yard	.....	5,130	.....
8.	For rubble stone masonry, in place, per cubic yard	.....	1,370	.....
9.	For brick masonry, in place, per cubic yard	.....	100	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard	.....	100	.....
‡12.	For timber piles, in place, and prepared, per lineal foot	.....	10,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.	.....	2M	.....
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	45,000	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	300	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	7,420	.....
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	.....	100	.....
	(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	.....	100	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	180,420	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	6,620	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	580	.....

*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 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).

‡Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
21.	For steel rods and bars built in concrete, per ton of two thousand pounds.....	.....	550	.....
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	.....	12	.....
26.	For wire mesh, in place, per pound.....	.....	17,380	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	5,460	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot..	.....	1,560	.....
29.	For vault lights, in place, per square foot	.....	100	.....
30.	For street surface restored: (a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard.....	.....	3,500	.....
	(b) For temporary repavement and maintenance of roadways, per square yard..	.....	7,355	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-Iron Pipe—Items 37 to 43.			
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	290	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot.....	.....	*50	.....
47.	For 4 feet 2 inches by 2 feet 8 inches, per lineal foot	.....	†(60)	.....
	Sewers of Special Forms—Items 67 to 72.			
70.	For 7 feet 0 inches by 12 feet 0 inches, per lineal foot	.....	†(985)	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track.....	.....	1,550	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications.			
	Water and Gas Pipes—Items 77 to 108.			
	Water Pipes—Items 77 to 88.			
	For water pipes, in place, as follows:			
78.	For 4-inch water pipe, per lineal foot....	.....	100	.....
79.	For 6-inch water pipe, per lineal foot....	.....	100	.....
82.	For 12-inch water pipe, per lineal foot....	.....	100	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds.....	.....	1	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot.....	.....	2,000	.....

(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 five hundred thousand dollars ($500,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the .....floor of the building No.....in the Borough of.....in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that this 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 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, 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.

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Included in Railroad construction under Section 424 of the specifications.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This Proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the....., 1910.

Affidavit of Verification.

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

..... being duly sworn, says: I am†.....

the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this..... day of....., 1910.

ROUTE 5, SECTION 15, MOTT AVENUE TO 157TH STREET AND TO ALEXANDER AVENUE.

Contractor's Proposal for the Construction of a Portion of a Rapid Transit Railroad.

(Route 5, Section 15.)

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 15 of Route 5, and to furnish all necessary labor, materials, machinery, tools, apparatus and other means of construction and perform all the work mentioned in the said contract at the unit prices for the several items as given in the following Schedule of Unit Prices, or as otherwise provided in the form of contract. It is understood that the quantities of various items specified in the following schedule are given as a basis for the uniform comparison of bids and are not in any way guaranteed or represented as correct or intended to be relied on, and they shall not be taken as final and shall form no basis for any claim in case they do not correspond with the final measurements or quantities. It is further understood that the Commission reserves the right to increase or diminish or to omit entirely any of the quantities of items as therein stated:

Schedule of Unit Prices.

Item.	Classification.	Unit Price.	Estimated Approximate Quantities.	This Column not to be Used by Bidder. Amount.
1.	For earth excavation, above mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	106,630	.....
2.	For earth excavation, below mean high water (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	71,900	.....
2a.	For earth excavation, both above and below mean high water, for sewers and pipes, including the disposal of it, etc., per cubic yard.....	.....	16,900	.....
3.	For rock excavation (except excavation for sewers and pipes), including the disposal of it, etc., per cubic yard.....	.....	265,000	.....
3a.	For rock excavation for sewers and pipes, including the disposal of it, etc., per cubic yard.....	.....	900	.....
4.	For underpinning buildings, including all incidental work and material, per lineal front foot of building underpinned, as follows:			
	(a) For buildings less than seven stories in height, per front foot.....	.....	1,200	.....
	(b) For buildings from seven to twelve stories in height, per front foot.....	.....	.....	.....
	(c) For buildings over twelve stories in height, per front foot.....	.....	.....	.....
5.	For tunnel excavation, including disposal of material, timbering, etc., per cubic yard	.....	10,460	.....
6.	For concrete masonry, in place, per cubic yard	.....	78,000	.....
7.	For protective concrete masonry, in place, outside of waterproofing, per cubic yard	.....	5,060	.....
8.	For rubble stone masonry, in place, per cubic yard	.....	360	.....
9.	For brick masonry, in place, per cubic yard	.....	100	.....
10.	For hollow terra cotta brick masonry, in place, per cubic yard.....	.....	3,200	.....
11.	For grout of Portland cement, per barrel of Portland cement used.....	.....	500	.....
12.	For timber piles, in place, and prepared, per lineal foot.....	.....	1,000	.....
13.	For timber foundations, placed and fastened, per thousand feet B. M.....	.....	2M	.....
14.	For broken stone or gravel, in place, other than that used in concrete, per cubic yard	.....	5,400	.....

*Here insert the names and addresses of all persons interested with the bidder. If there are no such persons strike out the word "except."

†If the bidder is an individual, do not fill this blank; if the bidder is a firm, here say, "a member of the firm of....."; if a corporation, say, "the (President or other officer duly authorized) of the..... .....Company."

‡The 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 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.
15.	For waterproofing, treated woven fabric, laid with pitch or asphaltum, in place, as follows:			
	(a) For 1-ply, per square yard	.....	37,400	.....
	(b) For 2-ply, per square yard	.....	100	.....
	(c) For 3-ply, per square yard	.....	8,150	.....
	(d) For 4-ply, per square yard	.....	100	.....
	(e) For 5-ply, per square yard	.....	100	.....
	(f) For 6-ply, per square yard	.....	100	.....
16.	For waterproofing, brick laid in asphalt mastic, in place, per cubic yard	.....	6,100	.....
17.	For vitrified or cast-iron drain pipe, in place, as follows:			
	(a) For 12-inch vitrified pipe, per lineal foot	.....	210	.....
	(b) For 10-inch vitrified pipe, per lineal foot	.....	100	.....
	(c) For 8-inch vitrified pipe, per lineal foot	.....	7,060	.....
	(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	.....	.....	.....
	(g) For 6-inch cast-iron pipe, per lineal foot	.....	100	.....
	(h) For 4-inch cast-iron pipe, per lineal foot	.....	12,400	.....
18.	For tunnel ducts, in place, as required by section 305 of the specifications, per duct foot	.....	508,000	.....
19.	For riveted steel, painted and erected, per ton of two thousand pounds	.....	5,060	.....
20.	For steel beams and shapes with connections, painted and erected, per ton of two thousand pounds	.....	3,130	.....
21.	For steel rods and bars built in concrete, per ton of two thousand pounds	.....	2,050	.....
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	.....	32	.....
26.	For wire mesh, in place, per pound	.....	25,660	.....
27.	For one and one-half-inch (1½-inch) galvanized iron pipe hand rail, in place, including expansion bolts, etc., per lineal foot	.....	11,440	.....
28.	For steel gratings for ventilation, in place, including frames, etc., per square foot	.....	8,130	.....
29.	For vault lights, in place, per square foot	.....	8,700	.....
30.	For street surface restored:			
	(a) Sidewalks including curbs and all structures and growths therein and thereon, per square yard	.....	11,800	.....
	(b) For temporary repavement and maintenance of roadways, per square yard	.....	28,800	.....
31.	For park surface restored (all classes), per square yard	.....	3,180	.....
32.	For wrought-iron or fibre electric conduits, in place in stations, as follows:			
	(a) For three-fourths-inch (¾-inch) wrought-iron, per lineal foot	.....	25,000	.....
	(b) For one and one-half-inch (1½-inch) wrought-iron, per lineal foot	.....	650	.....
	(c) For two-inch (2-inch) wrought-iron, per lineal foot	.....	325	.....
	(d) For two-inch (2-inch) fibre, per lineal foot	.....	4,320	.....
33.	For cast-iron outlet boxes, in place in stations, each	.....	820	.....
34.	For six-inch (6-inch) cast-iron pipe and fittings, including specials ("extra heavy"), in place in stations, per lineal foot	.....	200	.....
	SEWERS—ITEMS 37 TO 74.			
	Vitrified and Cast-Iron Pipe—Items 37 to 43.			
37.	For 12-inch vitrified pipe sewer, per lineal foot	.....	2,900	.....
38.	For 15-inch vitrified pipe sewer, per lineal foot	.....	*2,564	.....
39.	For 18-inch vitrified pipe sewer, per lineal foot	.....	†(1,132)	.....
40.	For 20-inch vitrified pipe sewer, per lineal foot	.....	†400	.....
41.	For 24-inch vitrified pipe sewer, per lineal foot	.....	*102	.....
42.	For cast-iron sewer pipe (straight pipe), in place in the work, per ton of two thousand pounds	.....	30	.....
	Egg-Shaped Brick or Concrete Sewers—Items 44 to 51.			
45.	For 3 feet 6 inches by 2 feet 4 inches, per lineal foot	.....	960	.....
	Circular Sewers—Brick or Concrete or Reinforced Concrete—Items 52 to 66.			
56.	For 5 feet 0 inches, per lineal foot	.....	430	.....
	Sewers of Special Forms—Items 67 to 72.			
70.	For 7 feet 0 inches by 12 feet 0 inches, per lineal foot	.....	320	.....
	SURFACE AND SUBSURFACE STRUCTURES—ITEMS 75 AND 76.			
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 railroads, per lineal foot of single track	.....	4,730	.....
	(b) For horse railroads, per lineal foot of single track	.....	.....	.....
76.	For the temporary and permanent support and maintenance of elevated railroad structures, and all work incidental thereto, per column	.....	8	.....
	PIPES IN STREETS—ITEMS 77 TO 126.			
	For Work and Material as Called for by Section 71 of the Specifications. Water and Gas Pipes—Items 77 to 108. Water Pipes—Items 77 to 88.			
	For water pipes, in place, as follows:			
78.	For 4-inch water pipe, per lineal foot	.....	100	.....
79.	For 6-inch water pipe, per lineal foot	.....	1,550	.....
82.	For 12-inch water pipe, per lineal foot	.....	1,350	.....
	Gas Pipes—Items 89 to 99.			
	For gas pipes, in place, as follows:			
91.	For 6-inch gas pipe, per lineal foot	.....	210	.....
92.	For 8-inch gas pipe, per lineal foot	.....	1,300	.....
94.	For 12-inch gas pipe, per lineal foot	.....	180	.....
95.	For 16-inch gas pipe, per lineal foot	.....	540	.....
96.	For 20-inch gas pipe, per lineal foot	.....	540	.....
97.	For 24-inch gas pipe, per lineal foot	.....	760	.....
	New Cast-Iron Hub and Spigot Water and Gas Pipe—Items 100 and 101.			
100.	For new cast-iron hub and spigot straight pipe delivered on the work, per ton of two thousand pounds	.....	60	.....
101.	For new cast-iron hub and spigot pipe, special castings, delivered on the work, per ton of two thousand pounds	.....	15	.....
	DUCTS IN STREETS.			
	Electric Ducts and Conduits in Streets.			
	(Other than tunnel ducts and street railroad ducts which are provided for in Items 18 and 75-a.)			
127.	For electric ducts and conduits, in place, as provided in section 71a of the specifications, per duct foot	.....	1,600	.....

*Balance remaining after deducting portion of sewer included in Railroad construction under Section 424 of the specifications.

†Included in Railroad construction under Section 424 of the specifications.

(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 five hundred thousand dollars ($500,000) in the form hereto annexed with the following named Sureties, viz.:

.....

.....

.....

.....

.....

.....

(3) The Commission may cause any notice intended for the undersigned to be delivered at Room No.....on the.....floor of the building No.....in the Borough of.....in The City of New York. Such delivery shall be sufficient notice to the undersigned.

(4) At the time of delivering this proposal to the Commission the undersigned will separately deliver a certified check payable to the order of the Comptroller of The City of New York for the sum of fifteen thousand dollars ($15,000). If the Commission shall notify the undersigned that this 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 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, then the amount of the said check so specially deposited shall be returned to the undersigned

(5) A notice of acceptance of this proposal by the Commission addressed to the undersigned as aforesaid shall forthwith, at the option of the Commission, operate as against the undersigned as a complete making of a contract according to the form thereof as aforesaid, with the blanks therein contained filled in according to this Proposal.

(6) There are no persons interested with the undersigned in this Proposal, except*

(7) This proposal is made without any connection with any other person making a proposal or bid for the same purpose, and is in all respects fair and without collusion or fraud. No member of the Board of Aldermen, head of department, chief of bureau, deputy thereof or clerk therein, or other officer of The City of New York, or any member or employee of the Public Service Commission for the First District is interested directly or indirectly, as contracting party, partner, stockholder, or otherwise in, or in the performance of, the contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof.

Dated the..... 1910.

Affidavit of Verification.

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

.....being duly sworn, says: I am†.....the proposing Contractor above named. I have read the foregoing proposal. The same is in all respects true.

Sworn to before me this.....day of....., 1910.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 25, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 10, 1911, the Public Service Commission for the First District transmitted to the Board of Estimate and Apportionment, for its consent, the contract for the construction of Section 15, Route 5, the part of the Lexington Avenue Rapid Transit Railroad extending under Mott avenue and East 138th street, from 135th street to 157th street and to Alexander avenue in the Borough of The Bronx. Attached to the contract was a communication, duly signed, sealed and attested, requesting the Board of Estimate and Apportionment to consent to the

*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."

award of the contract herewith transmitted, to prescribe a limit to the amount of bonds available to meet the requirements of the contract, and also to direct the Comptroller to issue bonds to the amount named. The aggregate amount required for this contract is $3,820,129.75, and the low bidder is the Hagerty-Drummond Company.

The contract conditions vary in no essential particulars from those enumerated in my report concerning the five contracts for the same road authorized by this Board on July 21, 1911. The items of change, due to the adoption of the smaller section, will require excavation of slightly less width and depth, with a reduced quantity of masonry and steel, but not to an amount sufficient, in the estimation of the Public Service Commission, to affect the unit prices, since the contracting company is low bidder by about $334,000. The bid equals $600 per foot of subway trunk to be constructed, or about $50 per foot lower than the next higher competitor.

The only item requiring consideration among those previously noted as affecting the earlier contracts, is the one of possible legal action for prospective profit on the work included in the estimates of quantities, but not now to be required because of the reduced cross section of tunnel. I am of the opinion that while the general waiver in the contract may assure against legal actions for prospective profits on the relatively small changes that ordinarily ensue during construction, a special waiver should be included to cover reductions that have been decided on, below the advertised quantities, before the work is commenced. At the percentage of probable reduction given, the value of the work excised will run about $250,000, of which one-quarter, at least, could be shown on suit as prospective profit. Such a formality seems necessary and should be required by the Board of Estimate and Apportionment.

This section of the Lexington avenue route comprises parts of two branches: the westerly branch, about 4,900 feet long, extending from about 150 feet south of East 138th street, along Mott avenue and under Franz Siegel Park, diagonally across to River avenue, near East 157th street. This branch is to be a three-track railroad, with a loop connecting the outer tracks under Franz Sigel Park, and with stations at East 138th and East 149th streets. North of 151st street the branch forms part of the River avenue elevated route adopted by the Commission on June 16, 1908. The easterly branch begins on Park avenue near Mott avenue; thence curving northerly into East 138th street; thence running to a point about 150 feet east of Alexander avenue. It comprises about 1,800 feet of two-track railroad and has a station near Alexander avenue.

I recommend the adoption of the attached resolution, consenting to the award of the contract for Section 15, Route 5, with the inclusion of the waiver previously noted, and authorizing corporate stock to the amount of $3,820,129.75 to meet the requirements of the contract.

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That, pursuant to the provisions of section 37 of the Rapid Transit Act, being chapter 4 of the Laws of 1891, as amended, and the provisions of section 45 of the Greater New York Charter, and the requisition of the Public Service Commission for the First District, duly made by said Commission on October 10, 1911, the Board of Estimate and Apportionment hereby consents to the proposed contract to be entered into between the Hagerty-Drummond 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 15, of Route 5, known as the Lexington avenue route, consisting of two branches, the westerly branch beginning at a point on private property about 655 feet north of the centre line of East 135th street and about 50 feet west of the centre line of Mott avenue, and running thence under private property and Mott avenue and East 138th street, and continuing partly under private property and Mott avenue to a point about 240 feet northerly of the northerly line of East 138th street; thence continuing under Mott avenue, partly under Franz Sigel Park, Mott avenue and East 153d street, and again under Franz Sigel Park, passing under Walton avenue, private property, and Gerard avenue and private property to a point in private property on the easterly side of River avenue and about 120 feet south of the south line of East 157th street; containing also a loop, which is partly under Franz Sigel Park, passing under Walton avenue, under private property, Gerard avenue and East 153d street, with stations at East 138th street and at East 149th street, the portion of this section north of East 151st street being a part of the River avenue elevated route adopted by the Commission on June 16, 1908; the easterly branch beginning in Park avenue near the easterly line of Mott avenue, and thence under Park avenue, private property, Canal Street West and private property; thence under East 138th street to about the centre line thereof, at a point about 55 feet west of the centre line of Rider avenue; thence easterly under 138th street to a point about 150 feet easterly of the centre line of Alexander avenue; with a station between 3d and Alexander avenues;

—at a total cost not to exceed three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75); and be it further

Resolved, That the Board of Estimate and Apportionment prescribes that the limit to the amount of the proceeds of corporate stock available for the said purposes shall be three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75); 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 an amount not exceeding three million eight hundred and twenty thousand one hundred and twenty-nine dollars and seventy-five cents ($3,820,129.75), 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 issued for the purposes mentioned in the communication of the Public Service Commission for the First District to this Board, dated October 10, 1911, provided, however, that this resolution is adopted upon the understanding that before the delivery of the contract the Public Service Commission will obtain, in proper form, a consent by the contracting company to the reduction in the size of the cross section, and a waiver of all claims, whether for prospective profits or otherwise, therefor; said consent and waiver, however, not to affect the right of the City, acting by the said Commission, to make such further changes as it may deem necessary under the provisions of the contract in respect of changes in plan.

Which was adopted by the following vote:

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

The Secretary presented the following communication from the Department of Education requesting, and report of Comptroller recommending, approval of plans, form of contract, specifications and estimate of cost ($449,900) for general construction, etc. (Contract No. 2), for the first portion of the new Normal College Buildings (Thomas Hunter Hall), Borough of Manhattan:

Department of Education, City of New York, Building Bureau, Park avenue and 59th street, Borough of Manhattan, New York, October 18, 1911.

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

Dear Sir—Bids for the general construction (Contract No. 2) of Thomas Hunter Hall, being the first portion of the Normal College Buildings on the westerly side of Lexington avenue, between 68th and 69th streets, were opened on September 19, the lowest of the ten bids received being $449,900.

By reference to the records we found that the approximate cost as approved by you upon our application submitted August 29 was $400,000.

Immediate investigation was made and I found that this approximate estimate was made up on a cubiture basis before the plans were completed.

The itemized estimate amounts to $450,282.

I believe the lowest bid of $449,900 to be in every way reasonable, and that its acceptance would be for the best interests of the City, and I therefore respectfully request approval of this amount. Very truly yours,

C. B. J. SNYDER, Superintendent of School Buildings.

Board of Trustees of the Normal College of The City of New York, Office, Hall of Board of Education, Park avenue and 59th street, New York, September 26, 1911.

Hon. WILLIAM A. PRENDERGAST, *Comptroller:*

Dear Sir—Under date of September 14, 1911, a communication was received from you reading as follows:

"In accordance with a resolution adopted by the Board of Estimate and Apportionment on July 17, 1911, I hereby approve the plans, specifications and estimate of cost as submitted on August 29, 1911, for work as follows: General construction, etc. (Contract No. 2), for the first portion of the new Normal College buildings (Thomas Hunter Hall), Borough of Manhattan, $400,000."

The above-mentioned amount was named in the letter of Mr. C. B. J. Snyder, Superintendent of School Buildings, which was incorporated in a letter of August 29 transmitting the plans for the first portion of the new Normal College buildings to you for approval, Mr. Snyder's notation being: Approximate cost, $400,000.

The lowest bid for the above-mentioned work was $449,900. I am informed by Mr. Snyder that the approximate estimate of $400,000 was made up on a cubiture basis before the plans were completed, and that the detailed estimate foots up $450,282.

I would respectfully suggest that your letter of September 14 be amended so as to make the estimated cost $449,900 (the amount of the lowest bid), or that such other action be taken as you may deem advisable, to the end that the sureties may be promptly approved and the contract executed with as little delay as possible.

Respectfully yours, A. E. PALMER, Secretary, Board of Trustees.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 25, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On September 26, 1911, the Board of Trustees of the Normal College of The City of New York requested approval of $449,900, as an increased estimate of cost for the first portion of the new Normal College buildings (Thomas Hunter Hall), Borough of Manhattan. The new estimate is the amount of the lowest bid received for the work. The appropriation authorized for the purpose is $500,000.

On September 14, 1911, the plans and specifications were approved at an estimated cost of $400,000. The Superintendent of School Buildings in a communication dated October 18, 1911, states that $400,000 was the preliminary estimate, made up on a cubic foot basis before the plans were completed.

Examination shows that the amount of the lowest bid is a reasonable price for the work called for by the plans and specifications.

At $449,900 the cost of the building will be at the rate of 27.5 cents per cubic foot. The cost per cubic foot of several of the high school buildings erected by the Board of Education has been as follows:

	Rate per cubic foot.
Washington Irving High School	22 cents
DeWitt Clinton High School	20.4 "
Stuyvesant High School	20.4 "
Eastern District High School	22.2 "

The increased cost for the Thomas Hunter Hall is due to the fact that the exterior, as designed, is to be of limestone instead of brick, trimmed with terra cotta or limestone, and that the interior finish, in some respects, is to be more expensive than that used in ordinary high school construction. The corridor floors are to be of Welsh quarry tile instead of rock asphalt. The corridor wainscots also are to be of "Faience" tile instead of cement or glazed tile.

It appears that a college should be more imposing in its architecture than a high school, and the increased cost will give uniformity in architectural design for all the structures which are to comprise the new Normal College.

I recommend that the request be granted by the adoption of the attached resolution. Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted July 17, 1911, as amended August 31, 1911, hereby approves the plans, form of contract, specifications and estimate of cost, four hundred forty-nine thousand nine hundred dollars ($449,900), for general construction, etc. (Contract No. 2), for the first portion of the new Normal College buildings (Thomas Hunter Hall), Borough of Manhattan.

Which was adopted by the following vote:

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

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

The President of the Borough of Richmond presented communications as follows:

Requesting an additional issue of $650 corporate stock for the purpose of making certain alterations and additions to the County Clerk's Office, Richmond County;

Requesting the modification of salary schedule No. 1900 for the year 1911.

Which were referred to the Comptroller.

The Comptroller presented the following communication from the Fire Department requesting, and report recommending, approval, pursuant to resolution adopted July 17, as amended August 31, 1911, of the contract, plans, specifications and estimates of cost for the erection of three fire houses in the Borough of The Bronx:

Fire Department of the City of New York, Office of the Deputy Commissioner, Borough of Brooklyn, October 20, 1911.

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

Sir—By order of the Fire Commissioner, who has recently placed under my direction the construction of the fire houses in the City of New York, I transmit to you, for the approval of the Board of Estimate and Apportionment, forms of contracts, plans, specifications and estimates of cost for the erection of fire houses on the following sites in the Borough of The Bronx: Morris avenue, corner 169th street, $59,000; Prospect avenue and 152d street, $40,000; Castle Hill and Ellis avenue, $36,000.

The messenger will leave these plans with Mr. Adamson of your office.

Respectfully, PHILIP P. FARLEY, Deputy Fire Commissioner, Boroughs of Brooklyn and Queens.

Department of Finance, City of New York, Bureau of Municipal Investigation and Statistics, October 25, 1911.

To the Board of Estimate and Apportionment:

Gentlemen—On October 20, 1911, revised contract, plans and specifications for three fire houses in the Borough of The Bronx were submitted for approval by the Fire Commissioner as follows:

	Estimated Cost.
(1) Erection and completion of a new building for an engine and a hook and ladder company, to be located on west side of Morris avenue about 222 feet south of 169th street, Borough of The Bronx	$59,000
(2) Erection and completion of a new building on the westerly side of Prospect avenue, about 25 feet north of 152d street, Borough of The Bronx, for a hook and ladder company, and for alterations to the quarters of Engine Company No. 73, adjoining	40,000
(3) Erection of a new building at the southeast corner of Castle Hill and Ellis avenues, Borough of The Bronx, for a hook and ladder company, and for alterations to the quarters of Engine Company No. 64, adjoining	36,000

The revised plans and specifications are substituted for three of the plans and specifications for twenty-one fire houses in various boroughs, approved by the Board of Estimate and Apportionment on April 6, 1911, and which have since been withdrawn by the Fire Commissioner.

The plans and specifications originally approved called for the fire houses to be generally of reinforced concrete construction. It is now proposed to build brick fireproof structures. The facades of the houses in Morris avenue and in Prospect avenue are to have a granite base, approximately three feet in height. Above this base the fronts are to be of limestone for one story, and the upper stories of Harvard brick with limestone trimmings. The sides and rear of the buildings are to be built of a good hard burnt brick.

The front of the Castle Hill avenue building is to have a granite base, approximate five feet in height. The upper stories are to be of Harvard brick with limestone trimmings.

The plumbing fixtures are to be of a standard manufacture, fitted up with galvanized iron pipe and cast iron waste, etc. The buildings are to be piped and wired for gas and electricity. The lighting fixtures are to be of a standard manufacture, easily replaced. Steam heat is to provided by a one-pipe system.

A description in brief detail of each building follows herewith:

Morris Avenue, between 168th and 169th Streets, Borough of The Bronx.

Estimated cost, $59,000; amount appropriated, $80,000; size of lot, 50x100. For engine company and a hook and ladder company. House, three stories high; two story extension, containing feed rooms and toilets. Apparatus floor prepared to accommodate an automobile engine and truck.

Prospect Avenue, near 152d Street, Borough of The Bronx.

Estimated cost, $40,000; amount of appropriation, $50,000; size of lot, 50x100. There is on the site a two-story building, 25 feet wide, used for an engine company. It is proposed to build adjacent to the present building, a three-story building, 25 feet wide, to be used for a truck company; and to add a third story to the present building, so that the final result will be a 50-foot house, to house an engine company and a truck company. The apparatus floor of the present building is equipped with four stalls, which will remain unchanged. The apparatus floor of the new building is equipped with five stalls.

Castle Hill and Ellis Avenue (Unionport), Borough of The Bronx.

Estimated cost, $36,000; amount appropriated, $46,000; size of lot, 80 feet by 81 feet 1 inch. There is on this site a two-story building, 25 feet wide, used for an engine company. It is proposed to make certain alterations to the building, and to add a third story, extending back 45 feet from the front. On the corner it is proposed to build a three-story building, the third story extending back 45 feet, to be used for a truck house, leaving the intervening space of 25 feet 9 inches between the two buildings. On the rear of the lot it is proposed to build a one-story enclosed shed large enough to house an engine. The apparatus floor is to be prepared to accommodate an automobile engine.

The appropriations for all the improvements were approved by the Board of Estimate and Apportionment on June 3, 1910. The revised plans and specifications appear to be complete and satisfactory, the estimate of cost reasonable, and the form of contract satisfactory.

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

Respectfully, WM. A. PRENDERGAST, Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution adopted on July 17, 1911, as amended on August 31, 1911, hereby approves the forms of contract, plans, specifications and estimates of cost of three fire houses in the Borough of The Bronx, as follows:

1. Morris avenue, between 168th and 169th streets—
   (Fifty-nine thousand dollars)..... $59,000 00
2. Prospect avenue near 152d street—
   (Forty thousand dollars)..... 40,000 00
3. Southeast corner of Castle Hill and Ellis avenues—
   (Thirty-six thousand dollars)..... 36,000 00

Which was adopted by the following vote:

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

The Comptroller presented the following report, returning communications from the Board of Water Supply, dated May 5 and June 12, 1911, relative to the purchase by agreement of an easement in parcel 47, section 1, City Aqueduct, for $500. Which was ordered filed and the Secretary directed to return to the Board of Water Supply, the communications and option referred to therein:

(On May 11, 1911, a communication from the Board of Water Supply requesting approval of the above agreement was referred to the Comptroller, and on June 15, 1911, the Board of Water Supply withdrew said request.)

City of New York, Department of Finance, Comptroller's Office, October 24, 1911.

To the Honorable, the Board of Estimate and Apportionment:

Gentlemen—Under date of June 15, 1911, there was transmitted to the Comptroller for consideration and report, a communication from the President of the Board of Water Supply, withdrawing a communication presented to the Board of Estimate and Apportionment at a meeting held May 11, 1911, requesting approval of the purchase by agreement, of an easement in Parcel 47, Section 1, City Aqueduct Department, for $500. The Board of Water Supply request that the option agreement be returned to them.

At your request I am transmitting herewith communication from the Board of Water Supply, dated May 5, 1911, together with copy of the option, also a communication from the Board of Water Supply under date of June 12, 1911.

Respectfully, WM. A. PRENDERGAST, Comptroller.

After disposing of the Public Improvements Calendar, and pursuant to a resolution adopted October 5, 1911, the Board adjourned to meet Friday, October 27, 1911, for a Public Hearing of Taxpayers on the Budget as tentatively prepared.

JOSEPH HAAG, Secretary.

CHANGES IN DEPARTMENTS, ETC.

COURT OF SPECIAL SESSIONS.

November 3—At a meeting of the Justices of the Court of Special Sessions, held on October 26, 1911, the salary of Clerk John I. Cotter, of this Court (Part I.), was increased from $1,200 to $1,350 per annum, to take effect that date.

COMMISSIONER OF RECORDS.

County of New York.

November 6—Two additional Laborers were appointed at a salary of $720 each per annum on November 1, 1911.

BOARD OF EDUCATION.

November 4—O. F. Cragin shipped as Ship's Cook in the New York Nautical School on November 1, 1911, with salary at the rate of $50 per month.

A. C. Wennerlof, Fireman in the New York Nautical School, was discharged on October 31, 1911, as his services were not required.

DEPARTMENT OF BRIDGES.

November 4—Michael Groner, 33 Hopkins st., Brooklyn, and Bernard J. Conners, 290 Lexington ave., Brooklyn, are discharged as Laborers, to take effect at once.

DEPARTMENT OF PARKS.

Boroughs of Manhattan and Richmond.

Reinstated (discharge rescinded), November 4—Joseph Denning, Park Laborer, 205 E. 50th st.

Promoted to Fourth Grade Clerk, etc., November 2—Morris Mayer, Elmhurst Heights, L. I., $1,800 per annum.

FIRE DEPARTMENT.

November 3—Changes in this Department:

Appointed—As Fourth Grade Firemen, with compensation at the rate of $1,000 per annum, to take effect at 8 a. m., November 2, 1911, and assigned as follows: James M. McCue, assigned to Engine Co. 1; James J. Burke, assigned to Engine Co. 3; John J. Miden, assigned to Engine Co. 4; David T. McMahon, assigned to Engine Co. 5; William A. Gillam, assigned to Engine Co. 6; Otto Schweitzer, assigned to Engine Co. 6; John J. Hamilton, assigned to Engine Co. 8; Frank Petry, assigned to Engine Co. 9; Thomas J. Finn, assigned to Engine Co. 10; William J. Donovan, assigned to Engine Co. 11; Melvin A. Ballentine, assigned to Engine Co. 12; John J. Leonard, assigned to Engine Co. 16; Charles M. Nixon, assigned to Engine Co. 17; Mortimer J. Sullivan, assigned to Engine Co. 20; Herman L. J. Barthen, assigned to Engine Co. 21; Richard J. Meehan, assigned to Engine Co. 23; Otto M. Golde, assigned to Engine Co. 24; George J. Craig, assigned to Engine Co. 26; James F. Fitzpatrick, assigned to Engine Co. 27; Joseph G. Calhoun, assigned to Engine Co. 28; William Klein, assigned to Engine Co. 29; Dominick J. Radici, assigned to Engine Co. 31; Patrick J. Loftus, assigned to Engine Co. 33; James McKernan, assigned to Engine Co. 34; Walter V. O'Hara, assigned to Engine Co. 53; Arthur F. Leonard, assigned to Engine Co. 55; John T. Dunleavy, assigned to Engine Co. 56; David G. Pfuhler, assigned to Engine Co. 65; William Prantner, assigned to Engine Co. 72; William F. Arnold, assigned to Engine Co. 74; William F. Kelly, assigned to Engine Co. 76; William H. Reilly, assigned to Engine Co. 103; Leo J. Easop, assigned to Engine Co. 109; John V. Summers, assigned to Engine Co. 113; Edward L. J. Loftus, assigned to Engine Co. 121; Nicholas Zampino, assigned to Engine Co. 121; Arthur L. Williams, assigned to Engine Co. 124; John W. Newman, assigned to Engine Co. 129; Albert Eck, assigned to Engine Co. 135; Chas. F. A. Kentler, assigned to Engine Co. 135; Chas. H. Waters, Jr., assigned to Engine Co. 140; George Samuels, assigned to Engine Co. 141; Chas. B. Franssen, assigned to Engine Co. 151; Arthur H. Dhuy, assigned to Engine Co. 157; Joseph A. Heslin, assigned to Engine Co. 157; David Fox, assigned to Engine Co. 159; Humbert H. Vurlod, assigned to Engine Co. 169; Conrad Winkelman, assigned to Engine Co. 169; William A. Fasolo, assigned to Engine Co. 202; Jacob Schweikert, assigned to Engine Co. 205; George Ward, assigned to Engine Co. 208; Thos. F. Farrell, assigned to Hook and Ladder Co. 1; Frederick J. Murphy, assigned to Hook and Ladder Co. 1; Patrick O'Connor, assigned to Hook and Ladder Co. 2; John M. Jensen, assigned to Hook and Ladder Co. 3; John P. Paustian, assigned to Hook and Ladder Co. 4; Louis A. Keller, assigned to Hook and Ladder Co. 6; Harry E. Flynn, assigned to Hook and Ladder Co. 7; Joseph P. Collins, assigned to Hook and Ladder Co. 9; John Schulze, assigned to Hook and Ladder Co. 10; John A. Johnson, assigned to Hook and Ladder Co. 12; Adolph R. Hveen, assigned to Hook and Ladder Co. 15; Walter H. B. McMahon, assigned to Hook and Ladder Co. 16; Michael F. Casey, assigned to Hook and Ladder Co. 18; Benjamin W. Russell, assigned to Hook and Ladder Co. 20; Frederick Stepat, assigned to Hook and Ladder Co. 21; Peter A. Fitzgerald, assigned to Hook and Ladder Co. 22; Otto J. Stern, assigned to Hook and Ladder Co. 24; Patrick J. Scully, assigned to Hook and Ladder Co. 26; Julius A. Unrath, assigned to Hook and Ladder Co. 35; Frank J. Dowling, assigned to Hook and Ladder Co. 55; Oscar L. Schell, assigned to Hook and Ladder Co. 56; John Capillo, assigned to Hook and Ladder Co. 61; Jacob Ehmann, Jr., assigned to Hook and Ladder Co. 78; Philip Ploeser, assigned to Hook and Ladder Co. 105.

Appointment Order Amended—The appointment of William J. White as an ununiformed Fireman, for a probationary period of three months, with compensation at the rate of $1,000 per annum, and assignment to Engine Co. 151, to take effect at 8 a. m., October 28, 1911, has been amended to read so that his appointment shall date from 8 a. m., November 1, 1911.

Appointed—Anton A. Ritz, as Instrument Maker, for a probationary period of three months, with compensation at the rate of $1,000 per annum, to take effect at 8 a. m., November 2, 1911, and assigned to the Fire Alarm Telegraph Bureau, Borough of Manhattan. William H. Plimley, as Painter, with compensation at the rate of $4 per diem, to take effect at 8 a. m., November 3, 1911, and assigned to the Repair Shops, Boroughs of Brooklyn and Queens.

Borough of Richmond.

Local Board, Staten Island District.

Meeting October 3, 1911, 10.30 a. m. Present, Aldermen Cornell and Cole, Commissioner of Public Works Tribus, presiding. The minutes of September 19 were approved.

Petition 1117—To open Forest ave. and Lorraine st. westward to Holland ave., Third Ward. Referred to the Commissioner of Public Works.

Petitions 1138 and 1138A—To construct sewers in Charles, Wall, Smith, Oak and Reynolds sts., Fourth Ward. Referred to the Commissioner of Public Works.

Petition 1139 (Resolution 221)—The following resolution was adopted by full vote: To construct a temporary sanitary sewer with the necessary appurtenances in Willow ave., from New York ave. to a point about 150 feet east of Tompkins ave., in the Fourth Ward, Borough of Richmond.

Petition 1140 (Resolution 222)—The following resolution was adopted by full vote: To construct temporary combined sewers with the necessary appurtenances in Pine place, from Vanderbilt ave. to Coursen place, and in Coursen place, from Pine place to Pleasant place; and temporary sanitary sewers with the necessary appurtenances in Pine place, from Coursen place to a point about 125 feet northerly therefrom; and in Elm place, from Coursen place to a point about 150 feet northerly therefrom, in the Second Ward of the Borough of Richmond, The City of New York.

Petitions 1141 and 1142—To complete sidewalks in Belmont place and Brook street, First Ward. Laid over.

On motion, the Board adjourned.

MAYBURY FLEMING, Secretary.

OFFICIAL DIRECTORY

STATEMENT OF THE HOURS DURING which the Public Offices in the City are open for business and at which the Courts regularly open and adjourn, as well as the places where such offices are kept and such Courts are held, together with the heads of Departments and Courts.

CITY OFFICES.

MAYOR'S OFFICE.

No. 5 City Hall, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 8020 Cortlandt.
WILLIAM J. GAYNOR, Mayor.
Robert Adamson, Secretary.
James Matthews, Executive Secretary.
———, Chief Clerk and Bond and Warrant Clerk.

BUREAU OF WEIGHTS AND MEASURES.

Room 7, City Hall, 9 a. m. to 5 p. m.; Saturdays, 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.
Branch Office, Room 12A, Borough Hall, Brooklyn.
Branch Office, Richmond Borough Hall, Room 23, New Brighton, S. I.
Branch Office, Hackett Building, Long Island City, Borough of Queens.

ARMORY BOARD.

Mayor, William J. Gaynor; the Comptroller, William A. Prendergast; the President of the Board of Aldermen, John Purroy Mitchel; Brigadier-General George Moore Smith, Brigadier-General John G. Eddy, Commodore R. P. Forshew, the President of the Department of Taxes and Assessments, Lawson Purdy.

Clark D. Rhinehart, Secretary, Room Basement, Hall of Records, Chambers and Centre streets.

Office hours, 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.
Telephone, 3900 Worth.

ART COMMISSION.

City Hall, Room 21.
Telephone call, 1197 Cortlandt.
Robert W. de Forest, Trustee Metropolitan Museum of Art, President; Herbert Adams, Sculptor, 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; Frederic B. Pratt, Francis C. Jones, Painter; R. T. H. Halsey, I. N. Phelps Stokes, Architect; John Bogart.
John Quincy Adams, Assistant Secretary.

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 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.
P. J. Scully, City Clerk.

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 AMBULANCE SERVICE.

Headquarters, 240 Centre 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. Spiegelberg; D. C. Potter, Director.
Telephone, 3100 Spring.

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 Mott 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. 46 Jackson avenue, Long Island City.
Carl Voegel, Chief Clerk.
Telephone, 663 Greenpoint.

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, 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.

No. 277 Broadway, Room 1406. Telephone 2280 Worth.

Joseph Haag, Secretary; William M. Lawrence, Assistant Secretary; Charles V. Adee, Clerk to Board.

OFFICE OF THE CHIEF ENGINEER.

Nelson P. Lewis, Chief Engineer, No. 277 Broadway, Room 1408. Telephone, 2281 Worth.

Arthur S. Tuttle, Engineer in charge Division of Public Improvements, 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, William A. Boring, John P. Leo and John Kenlon.

Edward V. Barton, Clerk.

Board meeting every Tuesday at 2 p. m.

BOARD OF INEBRIETY.

Office, 300 Mulberry street, Manhattan.

Thomas J. Colton, President.

Rev. William Morrison, Secretary.

John Dorning, M.D.

Rev. John J. Hughes.

William Browning, M.D.

Telephone, 7116 Spring.

Office hours, daily, 10 a. m. and 2 p. m.

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 4 p. m.; Saturdays 9 a. m. to 12 m.

Telephone, 4310 Cortlandt.

COMMISSIONER OF ACCOUNTS.

Raymond B. Fosdick, Commissioner of Accounts.

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.

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.

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 RECORD OFFICE.

BUREAU OF PRINTING, STATIONERY AND BLANK BOOKS.

Supervisor's Office, 8th floor, Park Row Building, No. 21 Park Row.

Office hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1505 and 1506 Cortlandt.

Distributing Division, Nos. 96 and 98 Reade street, near West Broadway.

David Ferguson, Supervisor.

Henry McMillen, Deputy Supervisor.

C. McKemie, Secretary.

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 Frank L. Dowling, Chairman Finance Committee, Board of Aldermen, members; Henry J. Walsh, Deputy Chamberlain, Secretary.

Office of Secretary, Room 69, Stewart Building, No. 280 Broadway, Borough of Manhattan. Telephone, 4270 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 4 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 4 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.

Richard B. Aldcroftt, Jr., Reba C. Bamberger (Mrs.), Nicholas J. Barrett, Charles E. Bruce, M. D.; Thomas W. Churchill, Joseph E. Cosgrove, Francis P. Cunnion, Thomas M. De Laney, Martha Lincoln Draper (Miss), Horace E. Dresser, Alexander Ferris, George J. Gillespie, John Greene, Robert L. Harrison, Louis Haupt, M. D.; Max Katzenberg, Olivia Leventritt (Miss), Jeremiah T. Mahoney, Alrick H. Man, John Martin, Robert E. McCafferty, Dennis J. McDonald, M. D.; Patrick F. McGowan, Herman A. Metz, Ralph McKee, Frank W. Meyer, Augustus G. Miller, George C. Miller, Louis Newman, Antonio Pisani, M. D.; Alice Lee Post (Mrs.), Helen C. Robbins (Mrs.), Arthur S. Somers, Abraham Stern, M. Samuel Stern, Cornelius J. Sullivan, Michael J. Sullivan, Bernard Suydam, Rupert B. Thomas, John R. Thompson, Alphonse Weiner, John Whalen, Frank D. Wilsey, George W. Wingate, Egerton L. Winthrop, Jr., members of the Board. (One vacancy.)

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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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.

Ethel Waldron, Clerk to the Comptroller.

Thomas W. Hynes, Supervisor of Charitable Institutions.

Walter S. Wolfe, Chief Clerk.

BUREAU OF AUDIT.

Charles S. Hervey, Chief Auditor of Accounts, Room 29.

Duncan Mac Innes, Chief Accountant and Bookkeeper.

John J. Kelly, Auditor of Disbursements.

H. H. Rathyen, Auditor of Receipts.

James J. Munro, Chief Inspector.

R. B. McIntyre, Examiner in Charge, Expert Accountants' Division.

LAW AND ADJUSTMENT DIVISION.

Albert E. Hadlock, Auditor of Accounts. Room 185.

BUREAU OF MUNICIPAL INVESTIGATION AND STATISTICS.

James Tilden Adamson, Supervising Statistician and Examiner, Room 180.

STOCK AND BOND DIVISION.

James J. Sullivan, Chief Stock and Bond Clerk, Room 85.

OFFICE OF THE CITY PAYMASTER.

No. 83 Chambers street and No. 65 Reade street.

John H. Timmerman, City Paymaster.

DIVISION OF REAL ESTATE.

Charles A. O'Malley, Appraiser of Real Estate. Room 103, No. 280 Broadway.

DIVISION OF AWARDS.

Joseph R. Kenny, Bookkeeper in Charge. Rooms 155 and 157, No. 280 Broadway.

BUREAU FOR THE COLLECTION OF TAXES.

Borough of Manhattan—Stewart Building. Room O.

Frederick H. E. Ebstein, Receiver 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.

Bernard H. Fee, Clerk, Acting Deputy Collector of Assessments and Arrears.

Borough of Richmond—St. George, New Brighton.

Edward W. Berry, Deputy Collector of Assessments and Arrears.

BUREAU FOR THE COLLECTION OF CITY REVENUE AND OF MARKETS.

Stewart Building, Chambers street and Broadway, Room K.

Sydney H. Goodacre, Collector of City Revenue and Superintendent of Markets.

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.

Southwest corner of Fifty-fifth street and Sixth avenue, Borough of 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, 4900 Columbus.

Ernst J. Lederle, Commissioner of Health and President.

Alvah H. Doty, M. D.; Rhinelander Waldo, Commissioners.

Eugene W. Schaffer, 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.

Charles J. Burke, 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 streets, 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, 201 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.

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 4 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 131 Schermerhorn street, Brooklyn. Telephone 2977 Main.

L. 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 of 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, Municipal Building, The Bronx.

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 after 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.

John C. Rennard, Electrical Engineer, in charge Fire Alarm Telegraph Bureau, 157 and 159 East 67th st., 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 Connolly, George L. Sterling, Charles D. Olendorf, William P. Burr, R. Percy Chittenden, William Beers Crowell, John L. O'Brien, Terence Farley, Edward J. McGoldrick, Curtis A. Peters, Cornelius F. Collins, 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, George Harold Folwel, Dudley F. Malone, Charles J. Nehrbas, William J. O'Sullivan, Harford P. Walker, Josiah A. Stover, Arnold C. Weil, Francis J. Byrne, Francis Martin, Charles McIntyre, Clarence L. Barber, Alfred W. Booraem, George H. Cowle, Solon Berrick, James P. O'Connor, Elliott S. Benedict, Isaac Phillips, Edward A. McShane, Eugene Fay, Ricardo M. DeAcosta, John M. Barrett, Frank P. Reilly, Leon G. Godley, Alexander C. MacNulty, Samuel Hoffmann.

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, 3010-11 Greenpoint. Joseph J. Myers, 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, J. Howard Wainwright.

R. S. Lundy, Secretary.

Meeting 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 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 m., in the Public Hearing Room of the Commission, third floor of the Tribune Building, unless otherwise ordered.

Commissioners—William R. Willcox, Chairman ; William McCarroll, Milo R. Maltbie, John E. Eustis, J. Sergeant Cram. 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, 967 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.

Julian B. Beaty, Secretary to the President.

Edgar Vietor Frothingham, Commissioner of Public Works.

W. R. Patterson, Assistant Commissioner of Public Works.

Rudolph P. Miller, Superintendent of Buildings.

Robert B. Insley, Superintendent of Public Buildings and Offices.

Telephone, 6725 Cortlandt.

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.

Telephone, 3960 Main.

Lewis H. Pounds, Commissioner of Public Works.

John Thatcher, Superintendent of Buildings.

William J. Taylor, Superintendent of the Bureau of Sewers.

Howard L. Woody, Superintendent of the Bureau of Public Buildings and Offices.

Frederick Linde, Superintendent of Highways.

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, 1900 Greenpoint.

Maurice E. Connolly, President.

John N. Booth, Secretary.

Water H. Bunn, Commissioner of Public Works.

Emanuel Branden, Superintendent of Highways.

John J. Simmons, Superintendent of Buildings.

Oliver Stewart Hardgrove, Superintendent of Sewers.

Arrow C. Hankins, Superintendent of Street Cleaning.

Joseph Sullivan, Superintendent of Public Buildings and Offices, Flushing. Telephone, 1740 Flushing.

BOROUGH OF RICHMOND.

President's Office, New Brighton, Staten Island.

George Cromwell, President.

Mayberry 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 5 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 1000 Tompkinsville.

CORONERS.

Borough of The Bronx—Corner of Third avenue and Tremont avenue. Telephone, 1250 Tremont and 1402 Tremont.

A. F. Schwannecke, Jacob Shongut.

Borough of Brooklyn—Office, Rooms 1 and 3, Municipal Building. Telephone, 4004 Main and 4005 Main.

Alexander J. Rooney, Edward Glinnen, Coroners.

Open all hours of the day and night.

Borough of Manhattan—Office, Criminal Courts Building, Centre and White streets. Open at all times of the day and night.

Coroners: Israel L. Feinberg, Herman Hellenstein, James E. Winterbottom, Herman W. Holtzhauser.

Telephones, 1094, 5057, 5058 Franklin.

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 for the transaction of business 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.

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.

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.

John S. Shea, Sheriff.

John B. Cartwright, 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.

Telephone, 3900 Worth.

KINGS COUNTY.

COMMISSIONER OF JURORS.

5 County Court-house.

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, 1114 Main.

Telephone, 1082 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.

Henry P. Molloy, County Clerk.

William J. Heffernan, 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.

Thomas F. Wogan, Deputy Clerk.

Telephone, 4154 and 4155 Main.

DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn. Hours, 9 a. m. to 5 p. m.; Saturdays, 9 a. m. to 12 m.

John F Clarke, District Attorney.

Telephone number 2955-6-7 Main.

PUBLIC ADMINISTRATOR.

No. 44 Court street (Temple Bar), Brooklyn, 9 a. m. to 5 p. m.

Charles E. Teale, 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.

Frederick Lundy, Register.

Owen J. Murphy, 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.

Patrick H. Quinn, Sheriff.

John Morrissey Gray, 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 of 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

George H. Creed, 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.

Fred. G. De Witt, District Attorney.

Telephone, 2986 and 2987 Greenpoint.

PUBLIC ADMINISTRATOR.

No. 17 Cook avenue, Elmhurst.

John T. Robinson, Public Administrator, County of Queens.

Office hours, 9 a. m. to 5 p. m.

Telephone, 335 Newtown.

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, 2741 and 2742 Greenpoint (office).

Henry O. Schleth, Warden.

Telephone, 372 Greenpoint.

SURROGATE.

Daniel Noble, Surrogate.

Office, No. 364 Fulton street, Jamaica.

Except on Sundays, holidays and half-holidays, the office is open from 9 a. m. to 4 p. m.; Saturdays, from 9 a. m. to 12 m. July and August, 9 a. m. to 2 p. m.

The calendar is called on each week day at 10 a. m., except during the month of August.

Telephone, 397 Jamaica.

RICHMOND COUNTY.

COMMISSIONER OF JURORS.

Village Hall, Stapleton.

Charles J. Kullman, Commissioner.

Office open from 9 a. m. until 4 p. m.; Saturdays, from 9 a. m. to 12 m.

Telephone, 81 Tompkinsville.

COUNTY CLERK.

County Office Building, Richmond, S. I., 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

C. Livingston Bostwick, County Clerk.

Telephone, 28 New Dorp.

COUNTY JUDGE AND SURROGATE.

Terms of Court, Richmond County, 1911:

County Court—Sidney Fuller Rawson, County Judge.

First Monday of April, Grand and Trial Jury.

First Monday of October, Grand and Trial Jury.

On Wednesdays of each week at Richmond (except during August) without a Jury.

Surrogate's Court—Sidney Fuller Rawson, Surrogate.

Court days: Mondays, at the Borough Hall, St. George, and Wednesdays, at the Surrogate's Office, Richmond, at 10.30 o'clock a. m., on which citations and orders are returnable, except during August, and except on days when Jury terms of County Court are held.

Telephones, 235 New Dorp and 1000 Tompkinsville.

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.

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.

George L. Ingraham, Presiding Justice; Chester B. McLaughlin, Frank C. Laughlin, John Proctor Clarke, Francis M. Scott, Nathan L. Miller, Victor J. Dowling, Justices; Alfred Wagstaff, Clerk; William Lamb, Deputy Clerk.

Clerk's Office opens 9 a. m.

Telephone, 3840 Madison Square.

SUPREME COURT—FIRST DEPARTMENT.

County Court-house, Chambers street. Court open from 10.15 a. m. to 4 p. m.

Special Term, Part I. (motions), Room 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.

Telephone, 4580 Cortlandt.

SUPREME COURT—SECOND DEPARTMENT.

Kings County Court-house, Borough of Brooklyn, N. Y.

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.

James F. McGee, General Clerk.

Telephone, 5-60 Main.

CRIMINAL DIVISION—SUPREME COURT.

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.

Telephone, 6064 Franklin.

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.

William F. Schneider, Clerk, Supreme Court.

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.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan.

Court opens at 10 a. m.

Isaac Franklin Russell, Chief Justice; Willard H. Olmsted, 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 and Henry Steinert, Justices. Frank W. Smith, Chief Clerk.

Part I., Criminal Courts Building, Borough of Manhattan. John P. Hilly, Clerk. Telephone, 2092 Franklin.

Part II., County Court House, Room 7, Borough of Brooklyn. This part is held on Mondays, Thursdays and Fridays. Joseph L. Kerrigan, Clerk. Telephone, 4280 Main.

Part III., Town Hall, Jamaica, Borough of Queens. This part is held on Tuesdays. H. S. Moran, Clerk. Telephone, 189 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. Ernest K. Coulter, 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 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, Leroy B. Crane, 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 Courts Building.

Second District—Jefferson Market.

Third District—Second avenue and First street.

Fourth District—No. 151 East Fifty-seventh street.

Fifth District—One Hundred and Twenty-first street, southeastern corner of Sylvan place.

Sixth District—One Hundred and Sixty-first street and Brook avenue.

Seventh District—No. 314 West Fifty-fourth street.

Eighth District—Main street, Westchester.

Ninth District (Night Court for Females)—125 Sixth avenue.

Tenth District (Night Court for Males)—No. 151 East Fifty-seventh street.

Eleventh District—Domestic Relations Court—No. 151 East Fifty-seventh street.

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 Magistrates, 44 Court street, Rooms 209-214. Telephone, 7411 Main.

William F. Delaney, Chief Clerk.

Archibald J. McKinney, Chief Probation Officer.

Courts.

First District—No. 318 Adams street.

Second District—Court and Butler streets.

Fourth District—No. 6 Lee avenue.

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—Matthew J. Smith, Joseph Fitch, Eugene C. Gilroy.

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 Division—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.

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.

Additional Part is held at southwest corner of Sixth avenue and Tenth street.

Telephone, 6030 Franklin.

Second District—The Second District embraces the territory bounded on the south by the centre line of Fifth street from the Bowery to Second avenue and on the south and east by the southerly and easterly boundaries of the said borough, on the north by the centre line of East Fourteenth street, on the west by the centre lines of Fourth avenue from Fourteenth street to Fifth street, Second avenue, Chrystie street, Division street and Catharine street.

Benjamin Hoffman, Leon Sanders, Thomas P. Dinnean, Leonard A. Snitkin, Justices.

James J. Devlin, Clerk.

Location of Court—Nos. 264 and 266 Madison street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 4300 Orchard.

Third District—The Third District embraces the territory bounded on the south by the centre line of Fourteenth street, on the east by the centre line of Seventh avenue from Fourteenth street to Fifty-ninth street and by the centre line of Central Park West from Fifty-ninth street to Sixty-fifth street, on the north by the centre line of Sixty-fifth street and the centre line of Fifty-ninth street from Seventh to Eighth 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 boroughs; 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. 151 East Fifty-seventh street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.

Telephone, 3860 Plaza.

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 Blackwells Island and excluding any portion of Wards Island.

Jacob Marks, Solomon Oppenheimer, Justices.

Edward A. McQuade, Clerk.

Location of Court—Northwest corner of Third avenue and Eighty-third street. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays, 9 a. m. to 12 m.

Telephone, 4343 Lenox.

Seventh District—The Seventh District embraces the territory bounded on the south by the centre line of One Hundred and Tenth street, on the east by the centre line of Fifth avenue to the northerly terminus thereof, and north of the northerly terminus of Fifth avenue, following in a northerly direction the course of the Harlem River, on a line 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.

William J. Kennedy, 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 street from Fifth avenue to Central Park West, on the west by the centre line of Seventh avenue and Central Park West.

Edgar J. Lauer, Frederic De Witt Wells, Frank D. Sturges, William C. Wilson, Justices.

William J. Chamberlain, Clerk.

Location of Court—Southwest corner of Madson avenue and Fifty-ninth street. Parts I. and II. Court opens at 9 a. m. Clerk's Office open daily (Sundays and legal holidays excepted) from 9 a. m. to 4 p. m.; Saturdays 9 a. m. to 12 m.

Telephone, 3873 Plaza.

Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the 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, Justice. Thomas A. Maher, Clerk.

Telephone, 3043 Melrose.

Borough of Brooklyn.

First District—Coprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards, and that portion of the Eleventh Ward beginning at the intersection of the centre lines of Hudson and Myrtle avenues, thence along the centre line of Myrtle avenue to North Portland avenue, thence along the centre line of North Portland avenue to Flushing avenue, thence along the centre line of Flushing avenue to Navy street, thence along the centre line of Navy street to Johnson street, thence along the centre line of Johnson street to Hudson avenue, and thence along the centre line of Hudson avenue to the point of beginning, of the Borough of Brooklyn.

Court-house, northwest corner State and Court streets. Parts I. and II.

Court-house, northwest corner of State and Court streets. Parts I. and II.

Eugene Conran, Justice. Edward Moran, Clerk.

Clerk's Office open from 9 a. m. to 4 p. m., Sundays and legal holidays excepted.

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 Myrtle 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, 407 Bay Ridge.

Sixth District—The Sixth District embraces the Ninth and Twenty-ninth Wards and that portion of the Twenty-second Ward north of the centre line of Prospect avenue; also that portion of the Eleventh and the Twentieth Wards beginning at the intersection of the centre lines of Bridge and Fulton streets; thence along the centre line of Fulton street to Flatbush avenue; thence along the centre line of Flatbush avenue to Atlantic avenue; thence along the centre line of Atlantic avenue to Washington avenue; thence along the centre line of Washington avenue to Park avenue; thence along the centre line of Park avenue to Waverly avenue; thence along the centre line of Waverly avenue to Myrtle avenue; thence along the centre line of Myrtle avenue to Hudson avenue; thence along the centre line of Hudson avenue to Johnson street; thence along the centre line of Johnson street to Bridge street, and thence along the centre line of Bridge street to the point of beginning.

Lucien S. Bayliss and W. Seward Shanahan, Justices. William R. Fagan, Clerk.

Court-house, No. 236 Duffield street.

Telephone, 6166-J Main.

Seventh District—The Seventh District embraces the Twenty-sixth, Twenty-eighth and Thirty-second Wards.

Alexander S. Rosenthal and Edward A. Richards, Justices. Samuel F. Brothers, 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, 2376 Greenpoint.

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 Thursdays (Fridays for Jury trials only), at 9 a. m.

Fourth District—Embraces the territory bounded by and within the boundary line between the Second and Fourth Wards, the boundary line between the Second and Third Wards, Flushing creek, Ireland Mill road, Lawrence avenue, Bradford avenue, Main street, Lincoln street, Union street, Broadway, Parsons avenue, Lincoln street, Percy street, Sanford avenue, Murray lane, Bayside avenue, Little Bayside road, Little Neck bay, boundary 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. Crimins, 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.

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 9, 1911,

1. FOR REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION, OVER STREET OPENINGS, FIRE BURNS, ETC., WHEN AND WHERE DESIGNATED IN THE BOROUGH OF THE BRONX DURING THE YEAR 1911.

The Engineer's estimate of the work is as follows:

2,500 square yards of completed sheet asphalt pavement, including binder course, and keeping the pavement in repair for one year from date.

The time allowed for the completion of the work will be in accordance with the bid.

The amount of security required will be Fifteen Hundred Dollars.

Blank forms can be obtained upon application therefor, and the plans and specifications may be seen and other information obtained at said office. CYRUS C. MILLER, President.

o27,n9

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

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

FRIDAY, NOVEMBER 10, 1911.

CONTRACT NO. 1297.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR FURNISHING AND DELIVERING MATERIALS FOR REPAIRS AND REPLACEMENTS.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 90 calendar days.

The amounts of security required are as follows:

Class 1. For iron dredge chain and spike chain, $375.

Class 2. For sheet steel, $300.

Class 3. For sheet brass and brass pipes, $650.

Class 4. For tool steel and machinery steel, $950.

Class 5. For dock screw bolts, girder straps and washers, $400.

Class 6. For dock and ship spikes, $400.

Class 7. For machine bolts and nuts, $100.

Class 8. For Muntz metal and Tobin bronze, $75.

Class 9. For cast iron, $400.

Class 10. For bar iron, $200.

Class 11. For durable wire and steel hoisting rope, $1,600.

Class 12. For galvanized wire rope and turn buckles, $100.

Class 13. For paints, etc., $100.

Class 14. For electrical supplies, $150.

Class 15. For ship chandlery, $50.

Class 16. For hardware, $450.

Class 17. For canvas, $500.

Class 18. For miscellaneous, $100.

The bidder shall state, both in writing and in figures, a price per pound, sheet, piece or other unit of measure as called for in each class of the contract. Extensions must be made and footed up in all cases, as awards, if made, will be made to the bidder in each class whose price is the lowest for furnishing all of the material called for in the class 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 at the office of the said Department.

CALVIN TOMKINS, Commissioner of Docks.

Dated October 26, 1911. o28,n10

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF TAXES AND ASSESSMENTS.

DEPARTMENT OF TAXES AND ASSESSMENTS, MAIN OFFICE, BOROUGH OF MANHATTAN, HALL OF RECORDS, SEPTEMBER 22, 1911.

NOTICE IS HEREBY GIVEN AS REQUIRED by the Greater New York Charter, as amended by chapter 455 of the Laws of 1911, that the books called "The Annual Record of the Assessed Valuation of Real and Personal Estate of the Boroughs of Manhattan, The 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 first day of October, not a Sunday or legal holiday, until the sixteenth day of November, 1911; and The Annual Record of the Assessed Valuation of Personal Estate will be open from the first day in October, not a Sunday or legal holiday, until the first day of December, 1911.

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 street.

In the Borough of The Bronx, at the office of the Department, Municipal Building, Tremont avenue.

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; CHAS. J. McCORMACK, JOHN J. HALLERAN, CHAS. T. WHITE, DANIEL S. McELROY, EDWARD KAUFMANN, JUDSON G. WALL, Commissioners of Taxes and Assessments. s23,d1

BOROUGH OF MANHATTAN.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF MANHATTAN, CITY HALL, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan, at the City Hall, Room 14, until 2 o'clock p. m., on

FRIDAY, NOVEMBER 10, 1911,

1. FOR REGULATING AND PAVING WITH ASPHALT BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 151ST ST., FROM ST. NICHOLAS PL. TO ST. NICHOLAS AVE.

Engineer's estimate of amount of work to be done:

270 square yards of asphalt block pavement.

60 cubic yards of Portland cement concrete, including mortar bed.

80 linear feet of new blustone curbstone, furnished and set.

80 linear feet of old blustone curbstone, redressed, rejointed and reset.

The time allowed for doing and completing the above work will be twenty (20) working days.

The amount of security required will be $250.

2. FOR REGULATING AND PAVING WITH ASPHALT BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 154TH ST., FROM THE WEST SIDE OF ST. NICHOLAS AVE. TO THE EAST SIDE OF AMSTERDAM AVE.

Engineer's estimate of amount of work to be done:

1,590 square yards of asphalt block pavement.

310 cubic yards of Portland cement concrete, including mortar bed.

520 linear feet of new blustone curbstone, furnished and set.

250 linear feet of old blustone curbstone, redressed, rejointed and reset.

The time allowed for doing and completing the above work will be thirty (30) working days.

The amount of security required will be $1,500.

3. FOR REGULATING AND PAVING WITH SHEET ASPHALT WITH COMMON BINDER ON A CONCRETE FOUNDATION THE ROADWAY OF 177TH ST., FROM AMSTERADM AVE. TO AUDUBON AVE.

Engineer's estimate of amount of work to be done:

1,313 square yards of asphalt pavement, including binder course.
254 cubic yards of Portland cement concrete.
300 linear feet of new bluestone curbstone, furnished and set.
488 linear feet of old bluestone curbstone, redressed, rejointed and reset.
The time allowed for doing and completing the above work will be twenty (20) working days.
The amount of security required will be $1,000.

4. FOR REGULATING, GRADING, CURBING, FLAGGING, ETC., 142D ST., FROM A POINT 450 FEET EAST OF LENOX AVE. TO MARGINAL ST.
Engineer's estimate of amount of work to be done.
1,400 cubic yards of earth excavation.
46 cubic yards of Portland cement concrete for foundations.
800 linear feet of new curbstone, furnished and set.
150 linear feet of old curbstone, redressed, rejointed and reset.
3,800 square feet of new flagstone, furnished and laid.
The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be $1,000.

5. FOR REGULATING, GRADING, CURBING, FLAGGING, ETC., 5TH AVE., FROM 140TH ST. TO MARGINAL ST.
Engineer's estimate of amount of work to be done:
1,800 cubic yards of earth excavation.
33 cubic yards of Portland cement concrete for foundations.
670 linear feet of new curbstone, furnished and set.
2,600 square feet of new flagstone, furnished and laid.
The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be $1,000.

6. FOR REGULATING, GRADING, CURBING, FLAGGING, ETC., ELWOOD ST., FROM NAGLE AVE. TO SHERMAN AVE.
Engineer's estimate of amount of work to be done:
5,400 cubic yards of earth excavation.
600 cubic yards of rock excavation.
70 cubic yards of Portland cement concrete for foundations.
275 linear feet of guard rail.
1,390 linear feet of new curbstone, furnished and set.
5,750 square feet of new flagstone, furnished and laid.
The time allowed for doing and completing the above work will be sixty (60) working days.
The amount of security required will be $2,500.

7. FOR REGULATING AND PAVING WITH ASPHALT BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 177TH ST., FROM FORT WASHINGTON AVE. TO NORTHERN AVE.
Engineer's estimate of amount of work to be done:
1,570 square yards of asphalt block pavement.
308 cubic yards of Portland cement concrete, including mortar bed.
50 linear feet of new bluestone curbstone, furnished and set.
890 linear feet of old blustone curbstone, redressed, rejointed and reset.
The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be $1,500.

8. FOR REGULATING AND PAVING WITH ASPHALT BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF 121ST ST., FROM AMSTERDAM AVE. TO MORNINGSIDE AVE.
Engineer's estimate of amount of work to be done:
1,350 square yards of asphalt block pavement.
265 cubic yards of Portland cement concrete, including mortar bed.
750 linear feet of new bluestone curbstone, furnished and set.
100 linear feet of old bluestone curbstone, redressed, rejointed and reset.
The time allowed for doing and completing the above work will be twenty-five (25) working days.
The amount of security required will be $1,500.

9. FOR REGULATING AND PAVING WITH ASPHALT BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF TERRACE VIEW AVE., FROM ADRIAN AVE. NORTH TO ADRIAN AVE. SOUTH.
Engineer's estimate of amount of work to be done
3,450 square yards of asphalt block pavement.
700 cubic yards of Portland cement concrete.
1,100 linear feet of new bluestone curbstone, furnished and set.
1,360 linear feet of old bluestone curbstone, redressed, rejointed and reset.
The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be $3,500.

10. FOR REPAIRING THE SIDEWALKS ON THE WEST SIDE OF 8TH AVE, BETWEEN 56TH AND 57TH STS; AND ON THE SOUTH SIDE OF 57TH ST., FROM 8TH AVE. WESTERLY FOR A DISTANCE OF ABOUT 200 FEET.
Engineer's estimate of amount of work to be done:
4,970 square feet of new flagstone to furnish and lay.
2,080 square feet of old flagstone to retrim and relay.
140 cubic yards of filling to furnish.
The time allowed for doing and completing the above work will be thirty (30) working days.
Amount of security $400.
The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per foot, yard or other unit of measure, or article, by which the bids will be tested. The extensions must be made and footed up.
Blank forms and specifications may be had at the office of the Commissioner of Public Works, 13 to 21 Park row, Bureau of Highways, Room 1611, Borough of Manhattan.

GEORGE McANENY, President.
The City of New York, October 28, 1911.
o28,n10

☞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, THIRD FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 a. m. on

WEDNESDAY, NOVEMBER 15, 1911.

1. TO CONSTRUCT SEWER AND APPURTENANCES IN WILBUR AVE., FROM ACADEMY ST. TO RADDE ST., FIRST WARD.
The Engineer's estimate of the quantities is as follows:
210 linear feet 12-inch vitrified salt glazed pipe sewer.
120 linear feet 6-inch vitrified salt glazed pipe sewer .
2 manholes complete, for house connections.
The time allowed for competing the above work will be twenty (20) working days.
The amount of security required will be Two Hundred and Fifty Dollars ($250).

2. TO CONSTRUCT RECEIVING BASINS AND APPURTENANCES ON NEWTOWN AVE.; ON THE NORTHEAST CORNER OF HENRY ST., ON THE NORTH SIDE OF NEWTOWN AVE., OPPOSITE COOPER ST., ON THE SOUTHEAST CORNER OF BUCHANAN PLACE AND ON THE SOUTHEAST CORNER OF VAN ALST AVE., FIRST WARD.
The Engineer's estimate of the quantities is as follows:
100 linear feet 12-inch vitrified salt glazed culvert pipe.
4 receiving basins, complete.
The time allowed for completing the above work will be fifteen (15) working days.
The amount of security required will be Three Hundred and Fifty Dollars ($350).

3. TO CONSTRUCT SEWER AND APPURTENANCES IN HANCOCK ST., FROM WEBSTER AVE. TO THE CROWN 290 FEET NORTH OF PAYNTAR AVE., FIRST WARD.
The Engineer's estimate of the quantities is as follows:
950 linear feet 12-inch vitrified salt glazed pipe sewer.
24 linear feet 18-inch cast iron pipe.
7 manholes, complete.
150 cubic yards rock excavated and removed.
15 cubic yards concrete in place.
2,000 feet, B. M., timber for foundation.
The time allowed for completing the above work will be thirty (30) working days.
The amount of security required will be One Thousand Dollars ($1,000).

4. TO CONSTRUCT RECEIVING BASIN AND APPURTENANCES ON THE SOUTHERLY INTERSECTION OF MYRTLE AVE. AND CORNELIA ST., SECOND WARD.
The Engineer's estimate of the quantities is as follows:
25 linear feet 12-inch vitrified salt glazed culvert pipe.
1 receiving basin, complete.
The time allowed for completing the above work will be six (6) working days.
The amount of security required will be One Hundred Dollars ($100).
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, November 1, 1911.
MAURICE E. CONNOLLY, President of the Borough of Queens. n2,15

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF QUEENS, THIRD FLOOR OF THE BOROUGH HALL, 5TH ST. AND JACKSON AVE., LONG ISLAND CITY, BOROUGH OF QUEENS, CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at the above office until 11 o'clock a. m. on

WEDNESDAY, NOVEMBER 15, 1911,

1. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION IN ELM ST., FROM ELY AVE. TO CRESCENT ST., FIRST WARD.
The time allowed for doing and completing the above work will be twenty-five (25) working days.
The amount of security required will be One Thousand SEVEN HUNDRED DOLLARS ($1,700).
The Engineer's estimate of the quantities is as follows:
200 linear feet of old curb, redressed and reset, not to be bid for.
250 cubic yards of concrete.
1,850 square yards of asphalt block pavement.
5 manhole heads to be adjusted, not to be bid for.

2. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION IN 3D AVE., FROM WEBSTER AVE. TO GRAHAM AVE., FIRST WARD.
The time allowed for doing and completing the above work will be thirty-five (35) working days.
The amount of security required will be Five Thousand Seven Hundred Dollars ($5,700).
The Engineer's estimate of the quantities is as follows:
100 linear feet of old curb redressed and reset, not to be bid for.
800 cubic yards of concrete.
6,370 square yards of asphalt block pavement.

3. FOR PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION IN 13TH AVE., FROM GRAND AVE. TO FLUSHING AVE., FIRST WARD.
The time allowed for doing and completing the above work will be forty-five working days.
The amount of security required will be Seven Thousand Five Hundred Dollars ($7,500).
The Engineer's estimate of the quantities is as follows:
100 linear feet of cement curb, not to be bid for.
1,030 cubic yards of concrete.
8,200 square yards of asphalt block pavement.

4. FOR REGULATING AND REPAVING WITH ASPHALT BLOCKS ON THE PRESENT CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN 9H AVE., FROM JAMAICA AVE. TO GRAND AVE., FIRST WARD.
The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be Two Thousand Dollars ($2,000).
The Engineer's estimate of the quantities is as follows:
50 cubic yards of concrete.
3,450 square yards of asphalt block pavement.

5. FOR REGULATING, GRADING AND LAYING SIDEWALKS AND FENCING IN 9TH ST., FROM VERNON AVE. TO EAST AVE., FIRST WARD.
The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be Four Hundred Dollars ($400).
The Engineer's estimate of the quantities is as follows:
3,650 square feet of new flagstone sidewalk.
200 linear feet of 7-foot board fence.

6. FOR REGULATING, GRADING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE) IN HIMROD ST., FROM SENECA AVE. TO ONDERDONK AVE.; IN HARMAN ST., FROM BROOKLYN BOROUGH LINE TO GRANDVIEW AVE.; ON THE EASTERLY SIDE OF GATES AVE., FROM ONDERDONK AVE. TO WOODWARD AVE.; ON BOTH SIDES OF SENECA AVE. (CULVERT), BETWEEN CATALPA (ELM) AVE. AND MYRTLE AVE., ALL IN THE SECOND WARD, BOROUGH OF QUEENS.
The time allowed for doing and completing the above work will be thirty (30) working days.
The amount of security required will be Eight Hundred Dollars ($800).
The Engineers estimate of the quantities is as follows:
475 cubic yards of earth excavation.
200 square feet of old flagstone sidewalk retrimmed and relaid.
10,675 square feet of cement sidewalk.

7. FOR REGULATING, GRADING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE) ON THE SOUTH SIDE OF JAMAICA AVE., BETWEEN NAPIER PLACE AND WYCKOFF AVE., AND ON THE NORTH SIDE OF JAMAICA AVE., BEGINNING ABOUT 50 FEET EAST OF LOTT AVE. AND RUNNING ABOUT 250 FEET EASTERLY, AND ON THE NORTH SIDE OF JAMAICA AVE., BEGINNING ABOUT 85 FEET WEST OF LOTT AVE. AND RUNNING ABOUT 100 FEET WESTERLY, FOURTH WARD.
The time allowed for doing and completing the above work will be fifteen (15) working days.
The amount of security required will be Two Hundred and Fifty Dollars ($250).
The Engineer's estimate of the quantities is as follows:
5,625 square feet of cement sidewalk.
225 square feet of new crosswalk .

10. FOR REGULATING, GRADING, CURBING, RE-CURBING, LAYING SIDEWALKS AND PAVING WITH ASPHALT BLOCKS ON A CONCRETE FOUNDATION, IN ANABLE AVE., COURT ST., AND IN THE PUBLIC PLACES ADJOINING THE QUEENS COUNTY COURT HOUSE, FIRST WARD.
The time allowed for doing and completing the above work will be forty-five (45) working days.
The amount of security required will be Two Thousand Five Hundred Dollars ($2,500).
The Engineer's estimate of the quantities is as follows:
560 cubic yards of earth excavation.
515 linear feet of new bluestone curb.
500 linear feet of old curb, redressed and reset.
10,325 square feet of cement sidewalk, 1 year maintenance.
220 cubic yards of concrete.
1,730 square yards of asphalt block pavement.
100 cubic yards of garden soil.
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., November 1, 1911.
MAURICE E. CONNOLLY, President.
n2,15

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

COMMISSIONER OF RECORDS, COUNTY OF NEW YORK.

DEPARTMENT OF THE COMMISSIONER OF RECORDS OF THE COUNTY OF NEW YORK, HALL OF RECORDS, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Records of the County of New York at the Hall of Records, Borough of Manhattan, Room 12, eighth floor, until 12 o'clock noon on

MONDAY, NOVEMBER 13, 1911.

FOR FURNISHING METALLIC CASE SECTIONS AND BASES, METALLIC DESK SECTIONS AND DESKS OR STANDS, AND METALLIC CURTAIN CASES AND BASES FOR THE OFFICE OF THE CLERK OF THE COUNTY OF NEW YORK, IN THE NEW YORK COUNTY COURT HOUSE; AS SHOWN ON PLANS OR AS MAY BE NECESSARY TO COMPLETE THE WORK IN A FIRST-CLASS AND PROPER MANNER, ALL TO BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND ACCOMPANYING DRAWINGS PREPARED UNDER THE DIRECTION OF THE COMMISSIONER OF RECORDS, COUNTY OF NEW YORK, BY JAMES V. REDDY, ARCHITECT, 41 W. 33D ST., NEW YORK CITY, AND COMPLETED UNDER HIS SUPERVISION.
The time allowed for doing and completing the work will be one hundred and fifty (150) consecutive calendar days.
The security required will be Forty Thousand Dollars ($40,000).
Bidders must state a lump sum for the above contract, as the contract is entire and for the complete job.
Plans and drawings may be seen and blank forms of the contract and specifications may be obtained at the office of the architect, James V. Reddy, 41 W. 33d st., Borough of Manhattan.
WILLIAM S. ANDREWS, Commissioner of Records, County of New York, State of New York.
City of New York, Borough of Manhattan.
o31,n13

☞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, 269 STATE ST., BOROUGH OF BROOKLYN, OFFICE OF ASSISTANT PROPERTY CLERK, OCTOBER 27, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT the sixteenth PUBLIC AUCTION SALE, consisting of UNCLAIMED PROPERTY (watches, chains, charms, rings, pins, silverware, clothing, iron, brass, copper, lead, razors, knives, forks, spoons, push-carts, wagons, blankets, canned goods, rubber, wire, bicycles, dress suit cases, hand-bags, pocket-books, clock, umbrellas, whip, golf-stick, etc., etc.), will be held in the Trial Room, at Police Headquarters, 269 State st., Brooklyn, on Thursday, November 16, 1911, at 10 a. m.

R. WALDO, Police Commissioner.
n3,16

POLICE DEPARTMENT—CITY OF NEW YORK.
OWNERS WANTED BY THE PROPERTY
Clerk of the Police Department of The City of New York, No. 300 Mulberry street, Room No. 9, for the following property, now in 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.

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION, 148 E. 20TH ST., BOROUGH OF MANHATTAN, CITY OF NEW YORK.
SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Correction at the above office until 11 o'clock a. m., on

TUESDAY, NOVEMBER 14, 1911.

No. 1. FOR FURNISHING AND DELIVERING POULTRY, SALT PORK, 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, 1911.
The amount of 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, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each item, and awards made to the lowest bidder on each item .
Bids must be submitted in duplicate each in a separate envelope.
No bid will be accepted unless this provision is complied with.
Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, 148 E. 20th st.

PATRICK A. WHITNEY, Commissioner.
Dated November 1, 1911. n2,14

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

DEPARTMENT OF CORRECTION, 148 EAST 20TH STREET, 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 9, 1911,

1. FOR FURNISHING AND DELIVERING SUPPLIES FOR MANUFACTURING PURPOSES.
The time for the delivery of the articles, materials and supplies and the performance of the contract is by or before December 31, 1911.
The amount of 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, per pound, ton, dozen, gallon, yard or other unit of measure, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total for each item and awards made to the lowest bidder on each item.
Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.
Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.
Blank forms and further information may be obtained at the office of the Department of Correction, the Borough of Manhattan, 148 East 20th street.

PATRICK A. WHITNEY, Commissioner.
Dated October 24, 1911. o27,n9

☞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 WILLIAMSBURG DISTRICT, at a meeting to be held in the office of the President of the Borough of Brooklyn, Room 8, Borough Hall, on

MONDAY, NOVEMBER 20, 1911.

at 2.30 p. m.
1. Approval of minutes of meeting held September 13, 1911; abstract published in the CITY RECORD September 30, 1911, page 8248.
2. NORTH HENRY STREET—To amend resolution of April 4, 1906, initiating proceedings to pave with granite block on concrete foundation, North Henry street, between Greenpoint avenue and Greene street, by providing for paving with second-hand granite block pavement (Class B pavement), on a sand foundation, and to make the amended resolution read as follows:
"To pave with second-hand granite block pavement (Class B pavement), on a sand foundation, North Henry street, between Greenpoint avenue and Greene street."
3. NORTH HENRY STREET—Requesting the Board of Estimate and Apportionment to amend its resolution of October 5, 1911, giving preliminary authorization to pave with granite block on concrete foundation, North Henry street, from Greenpoint avenue to Greene street, by providing for paving with second-hand granite block pavement (Class B pavement) on a sand foundation, and to make the amended resolution read as follows:
"To pave with second-hand granite block pavement (Class B pavement), on a sand foundation, North Henry street, between Greenpoint avenue and Greene street."
4. NORTH HENRY STREET—To construct storm sewer and sanitary sewer in North Henry street, from Calyer street to Greenpoint avenue and outlet sanitary sewers with accompanying storm sewers in Greenpoint avenue, from North Henry street to Jewell street, together with a pumping station, pump well and appurtenances at the intersection of Greenpoint avenue and Jewell street.
5. NORTH HENRY STREET—To construct storm sewer and sanitary sewer in North Henry street, from Norman avenue to Calyer street, and storm sewers and sanitary sewers in Meserole avenue, from Moultrie street to Front street; Front street, from Webster street to Sutton street; Sutton street, from Front street to Calyer street; Calyer street, from Sutton street to Kingsland avenue; Kingsland avenue, from Calyer street to Greenpoint avenue; Greenpoint avenue, from Newtown Creek to North Henry street; and storm sewer in Webster street, from Front street to Newtown Creek.
6. MESEROLE AVENUE—To rescind resolution of May 31, 1906, initiating proceedings to construct a sewer in Meserole avenue, between Russell street and Humboldt street, with an outlet sewer in Meserole avenue, between Humboldt street and Jewell street.
7. MESEROLE AVENUE—Requesting the Board of Estimate and Apportionment to rescind its resolution of March 11, 1910, giving preliminary authorization to construct a sewer in Meserole avenue, between Russell street and Humboldt street, with an outlet sewer in Meserole avenue, between Humboldt street and Jewell street.
8. GARDNER AVENUE—To open Gardner avenue, from Maspeth avenue to the bulkhead line of the west branch of Newtown Creek (commonly known as English Kills).
9. BOGART STREET—To construct a sewer in Bogart street, between Stagg street and Meserole street, and sewer basin at the southwest corner of Bogart street and Montrose avenue.

10. NORMAN AVENUE—To construct a sewer in Norman avenue, from Guernsey street to Wythe avenue, and in Wythe avenue, from Norman avenue to North 13th street, with an outlet sewer in Wythe avenue, from North 13th street to North 12th street.

11. GARDNER AVENUE—To regulate, grade, set curb and lay cement sidewalks five feet in width on Gardner avenue, from Maspeth avenue to Meeker avenue.

12. BOGART STREET—To regulate, grade, curb and lay cement sidewalks on Bogart street, from Johnson street to Montrose avenue, and from Meserole street to Meadow street.

13. GRAND STREET—To lay cement sidewalks on Grand street, from Varick avenue to the Borough Line.

14. PUBLIC PARK OR PLAYGROUND—To alter 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 street, Bogart street, Siegel street and White street.

15. PUBLIC PARK OR PLAYGROUND—To acquire title for a public park or playground to the property bounded by McKibben street, Bogart street, Siegel street and White street.

16. PUBLIC PLACE—To acquire title for a public place to the property bounded by Meeker avenue, Engert avenue and Monitor street.

ALFRED E. STEERS, President, Borough of Brooklyn.

REUBEN L. HASKELL, Borough Secretary.

OFFICE OF THE COMMISSIONER OF PUBLIC WORKS, BOROUGH OF BROOKLYN.

NOTICE OF SALE BY PUBLIC AUCTION.

THE COMMISSIONER OF PUBLIC WORKS will sell at public auction, on Thursday, November 9, 1911, at 10 o'clock a. m., at the Bridge Garage, located under Brooklyn Bridge, entrance on Concord street, Borough of Brooklyn, the following:

MITCHELL 1909-RUNABOUT, ENGINE NO. 6135.

MITCHELL 1909-RUNABOUT, ENGINE NO. 6695.

MITCHELL 1909-TOURING CAR, ENGINE NO. 7480.

—and 11 o'clock a. m. on same day, at Room 2, Borough Hall, Borough of Brooklyn, the Commissioner of Public Works will sell the following material, etc., which may be seen at the places mentioned below:

At Park Slope Stables, 12th st., near 8th ave.: 1 horse, bay, known as No. 4; 1 horse, bay, known as No. 6.

At Kings County Court House: About two tons of scrap iron.

At 38th St. Yard: 20 tons, more or less, old scrap iron; 150 pounds, more or less, old buckets; 500 pounds, more or less, old scrap rubber hose; 650 pounds, more or less, old scrap rubber boots; 77 pounds, more or less, old scrap brass; 11 oil barrels (old).

At Twenty-sixth Ward Disposal Works: 4 tons, more or less, old iron; 1 old buggy; 15 oil barrels.

At Thirty-first Ward Disposal Works: 6 tons, more or less, old iron; 25 empty oil barrels; 300 pounds, more or less, old rubber boots; 1 old feed pump.

At Wallabout Yard: 3 lots old furniture; 1 Wheeler & Wilson Domestic sewing machine; 1 Singer shoe sewing machine; 4 kitchen ranges; 1 large desk; 3 old iron lamp posts; 1 portable house in parts; 7 pieces of shafting; 3 steel plates; 6 boxes of empty milk bottles; 2 store counters.

At 67th St. Yard: 2,500 pounds, more or less, scrap iron; 120 pounds, more or less, scrap brass; 370 pounds, more or less, scrap rubber; 1 top buggy, broken; 83 empty tarvia barrels; 1,200 terra cotta front bricks; 1 set awning frame fixtures; 1 set wind mill fixtures, broken.

At North 8th St. Yard: 1 wagon, in good condition; 1 top buggy, broken.

At DeKalb Ave. Yard: 4 granite column base stones, each 2 feet by 2 feet by 10 inches.

At the Municipal Asphalt Plant: 140 empty flux barrels; 2 tons, more or less, scrap iron.

At Borough President's Office: 1 card index cabinet.

Intending bidders may apply for particulars at the office of the Assistant Commissioner of Public Works, Room 11a, Borough Hall, Borough of Brooklyn.

TERMS OF SALE.

Cash payment in bankable funds at the time and place of sale, and the removal of the automobiles, iron, rubber, etc., immediately. If the purchasers or purchaser fail or fails to remove said automobiles, iron, rubber, etc., within five days from date of sale, the purchase money and the ownership of same shall be forfeited.

T. B. LINEBURGH, Assistant Commissioner of Public Works. n3,9

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at the above office until 11 o'clock a. m., on

WEDNESDAY, NOVEMBER 15, 1911.

1. FOR DREDGING NEWTOWN CREEK CANAL AT AND IN THE CANAL AND BASIN INCLUDED WITHIN THE BOUNDARIES OF JOHNSON AVE., MONTROSE AVE., MORGAN AVE., VARICK AVE., AND ALSO IN THE STAGG STREET BASIN.

The Engineer's preliminary estimate of the quantities is as follows:

13,225 cubic yards, scow measurement.

The time allowed for the completion of the work and full performance of the contract will be fifty-five (55) calendar days.

The amount of security required will be Three Thousand Dollars ($3,000).

The bidder will state the price of each item or article contained in the specifications or schedule herein contained or hereto annexed per cubic yard (scow measurement) or other unit of measure, by which the bids will be tested.

Bids will be compared and the contract awarded at a lump or aggregate sum for the contract.

2. FOR DREDGING GOWANUS CANAL, FROM HEAD TO HAMILTON AVE.

The Engineer's preliminary estimate of the quantities is as follows:

4,200 cubic yards, scow measurement.

The time allowed for the completion of the work and full performance of the contract will be thirty (30) calendar days.

The amount of security required will be Fifteen Hundred Dollars ($1,500).

The bidder will state the price of each item or article contained in the specifications or schedule herein contained or hereto annexed per cubic yard (scow measurement) or other unit of measure, by which the bids will be tested.

Bids will be compared and the contract awarded at a lump or aggregate sum for the contract.

Blank forms and further information may be obtained at the office of the Bureau of Sewers, 215 Montague st., Borough of Brooklyn.

ALFRED E. STEERS, President.

Dated October 31, 1911. n2,15

☞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 15, 1911,

1. FOR REGULATING AND REPAVING WITH GRADE 2 GRANITE ON A CONCRETE FOUNDATION THE ROADWAY OF WASHINGTON AVE., FROM KENT AVE. TO WALLABOUT CANAL, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

1,700 square yards grade 2 granite pavement with tar and gravel joints outside railroad area, 1 year maintenance.

180 square yards grade 2 granite pavement with tar and gravel joints within railroad area, no maintenance.

285 cubic yards concrete for pavement foundation, outside railroad area.

30 cubic yards concrete for pavement foundation, within railroad area.

655 linear feet new curbstone set in concrete.

125 linear feet old curbstone reset in concrete.

The time allowed for the completion of the work and the full performance of the contract is thirty (30) working days.

The amount of security required is Twenty-Five Hundred Dollars ($2,500).

2. FOR FURNISHING AND DELIVERING WOOD PAVING BLOCKS TO BE DELIVERED AT THE WALLABOUT CORPORATION YARD, WALLABOUT BASIN, FOOT OF HEWES ST., BROOKLYN.

The Engineer's estimate of the quantities is as follows:

5,000 blocks 4 inches in width, 3½ inches in depth and 8 inches in length.

15,000 blocks 3 inches in width, 3 inches in depth and 8 inches in length.

The time for the delivery of the blocks and the performance of the contract is on or before December 31, 1911.

The amount of security will be Three Hundred Dollars ($300).

3. FOR FURNISHING AND DELIVERING ASPHALT PAVING BLOCKS TO BE DELIVERED AT THE WALLABOUT CORPORATION YARD, WALLABOUT BASIN, FOOT OF HEWES ST., BROOKLYN.

The Engineer's estimate of the quantities is as follows:

5,000 blocks 5 inches in width, 2 inches in depth and 12 inches in length.

15,000 blocks 5 inches in width, 3 inches in depth and 12 inches in length.

The time for the delivery of the blocks and the performance of the contract is on or before December 31, 1911.

The amount of security will be Five Hundred Dollars ($500).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, 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 at the office of the Bureau of Highways, Room 12 Municipal Building, Borough of Brooklyn.

ALFRED E. STEERS, President.

Dated October 28, 1911. n2,15

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at the above office until 11 o'clock a. m. on

FRIDAY, NOVEMBER 10, 1911,

No. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING SEWER BASINS ON E. 18TH ST., EAST AND WEST SIDES, 450 FEET SOUTH OF THE SOUTH CURB LINE OF AVENUE I, AND AT THE EAST AND WEST SIDES, 400 FEET SOUTH OF THE SOUTH CURB LINE OF AVENUE J; ON E. 19TH ST., EAST AND WEST SIDES, 450 FEET SOUTH OF THE SOUTH CURB LINE OF AVENUE I, AT THE SOUTHEAST AND SOUTHWEST CORNERS OF AVENUE I, AND AT THE SOUTHWEST CORNER OF AVENUE J; ON E. 18TH ST., AT THE NORTHEAST CORNER OF AVENUE K; AND ON AVENUE J, AT THE SOUTHWEST CORNER OF OCEAN AVE.

The Engineer's preliminary estimate of the quantities is as follows:

Five (5) 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 $130, $650.

The time allowed for the completion of the work and full performance of the contract will be fifteen (15) working days.

The amount of security required will be Three Hundred Dollars ($300).

The foregoing Engineer's preliminary estimate of the total cost for the completed work is to be taken as the 100 per cent .basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent., or 105 per cent.), for which all materials and work called for in the proposed contract and the notices to bidders are to be furnished to the City. Such percentage, as bid for this contract, shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, the Borough of Brooklyn, 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

Dated October 27, 1911. o28,n10

☞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 8, 1911,

1. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF BLAKE AVE., FROM HINSDALE ST. TO VESTA AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

1,760 square yards asphalt pavement—5 years maintenance.

245 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be twenty-five (25) working days.

The amount of security required will be one-third of the amount of the bid.

2. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON CHURCH AVE., FROM STRATFORD ROAD (EAST 11TH ST.) TO OCEAN PARKWAY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,820 linear feet new curbstone set in concrete.

1,020 cubic yards earth excavation.

750 cubic yards earth filling—not to be bid for.

8,240 square feet cement sidewalk—1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be thirty-five (35) working days.

The amount of security required will be fifteen hundred dollars ($1,500).

3. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION, THE ROADWAY OF DOSCHER ST., FROM LIBERTY AVE. TO BELMONT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the qauantities is as follows:

3,325 square yards asphalt pavement—5 years maintenance.

460 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract wil be thirty (30) working days.

The amount of security required will be one-third of the amount of the bid.

4. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON EAST 21ST ST. (KENMORE PLACE), FROM EMMONS AVE. TO VOORHIES LANE, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows

330 linear feet new curbstone set in concrete.

2,950 linear feet old curbstone reset in concrete.

10 cubic yards earth excavation.

5,450 cubic yards earth filling—to be furnished.

15,810 square feet cement sidewalks—1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be sixty (60) working days.

The amount of security required will be one-third of the amount of the bid.

5. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS ON HOMECREST AVE., FROM AVE. S TO NECK ROAD, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

6,440 linear feet new curbstone set in concrete.

1,490 cubic yards earth excavation.

980 cubic yards earth filling—to be furnished.

3,830 square feet old flagstones relaid—not to be bid for.

22,110 square feet cement sidewalk—1 year maintenance.

The time allowed for the completion of the work and the full performance of the contract will be forty (40) working days.

The amount of security required will be one-third of the amount of the bid.

6. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF HOWARD PL., FROM WINDSOR PL. TO PROSPECT AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows

1,400 square yards asphalt pavement—5 years maintenance.

195 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be eight hundred dollars ($800).

7. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF IRVING AVE., FROM PALMETTO ST. TO PUTNAM AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,790 square yards asphalt pavement—5 years maintenance.

390 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be one-third of the amount of the bid.

8 FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF MESEROLE AVE., FROM DIAMOND ST. TO JEWEL ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

870 square yards asphalt pavement—5 years maintenance.

125 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be twenty (20) working days.

The amount of security required will be one-third of the amount of the bid.

9. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF PARK PL., FROM UTICA AVE. TO ROCHESTER AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows:

2,720 square yards asphalt pavement—5 years maintenance.

380 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be one-third of the amount of the bid.

10. FOR REGULATING AND PAVING WITH ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF WASHINGTON AVE., FROM 3D ST. TO GRAVESEND AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows

1,895 square yards asphalt pavement—5 years maintenance.

265 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be twenty-five (25) working days.

The amount of security required will be one-third of the amount of the bid.

11. FOR REGULATING AND PAVING WITH ASPHALT AND WITH GRADE ONE GRANITE ON A CONCRETE FOUNDATION THE ROADWAY OF 6TH AVE., FROM 60TH ST. TO 63D ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantities is as follows

2,345 square yards asphalt pavement—5 years maintenance.

1,070 square yards grade one granite pavement with grouted joints—no maintenance.

510 cubic yards concrete.

The time allowed for the completion of the work and the full performance of the contract will be thirty (30) working days.

The amount of security required will be one-third of the amount of the bid.

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, cubic yard or other unit of measure, by which the bids will be tested.

The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Blank forms and other information may be obtained at the office of the Bureau of Highways, Room 15, Municipal Building, Borough of Brooklyn.

Dated October 21, 1911.

ALFRED E. STEERS, 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 BROOKLYN, ROOM 2, BOROUGH HALL, BOROUGH OF BROOKLYN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the President of Borough of Brooklyn at the above office untill 11 o'clock a. m., on

WEDNESDAY, NOVEMBER 8, 1911,

1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN EAST NEW YORK AVE., FROM EAST 98TH ST. TO PITKIN AVE., AND AN OUTLET SEWER IN RALPH AVE., BETWEEN EAST NEW YORK AVE. AND EAST 98TH ST., AND A TRIBUTARY SEWER IN SUTTER AVE., BETWEEN EAST 98TH ST. AND RALPH AVE.

The Engineer's preliminary estimate of the quantities is as follows:

391 linear feet of 30-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $4.20	$1,642 20
642 linear feet of 24-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $3.35	2,150 70
298 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.55	759 90
624 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2	1,248 00
540 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.65	891 00
2,910 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.85	2,473 50
21 manholes complete, with iron head and covers, including all incidentals and appurtenances; per manhole, $52	1,092 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, $135	405 00
2,200 feet, Board Measure, of foundation planking laid in place complete, including all incidentals and appurtenances; per thousand feet, Board Measure, $25	55 00
Total	$10,717 30

The time allowed for the completion of the work and full performance of the contract will be one hundred (100) working days.

The amount of security required will be Five Thousand Four Hundred Dollars ($5,400).

2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN LINCOLN PLACE, BETWEEN FRANKLIN AND CLASSON AVES.

The Engineer's preliminary estimate of the quantities is as follows:

554 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.60	$886 40
1 siphon complete, including all incidentals and appurtenances; per siphon, $800	800 00
180 linear feet of 8-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.95	171 00
470 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.85	399 50
5 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	250 00
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, $160	160 00
Total	$2,666 90

The time allowed for the completion of the work and the full performance of the contract will be fifty (50) working days.

The amount of security required will be Thirteen Hundred Dollars ($1,300).

3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN BOTH SIDES OF LINDEN AVE., BETWEEN EAST 35TH STREET AND BROOKLYN AVE.

The Engineer's preliminary estimate of the quantities is as follows:

32 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.30	$73 60
218 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.10	457 80
219 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.85	405 15
230 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	184 00
6 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	300 00
2 sewer basins complete, of either standard design, with iron pans or gratings, iron basin hoods and connecting culverts, including all incidentals and appurtenances; per basin, $130	260 00
Total	$1,680 55

The time allowed for the completion of the work and full performance of the contract will be forty (40) working days.

The amount of security required will be Eight Hundred Dollars ($800).

4. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE CONSTRUCTION OF SEWER IN HUNTERFLY PLACE, BETWEEN ATLANTIC AVE. AND HERKIMER ST.

The Engineer's preliminary estimate of the quantities is as follows:

365 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.65	$602 25
300 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	240 00
4 manholes complete with iron	

heads and covers, including all incidentals and appurtenances; per manhole, $50..... 200 00
1,000 feet, Board Measure, of sheeting and bracing driven in place complete, including all incidentals and appurtenances; per thousand feet, Board Measure, $18. 18 00
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, $160..... 160 00

Total..... $1,220 25

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 Six Hundred Dollars ($600).

5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN CORTELYOU ROAD, BETWEEN OCEAN PARKWAY AND EAST 5TH ST.

The Engineer's preliminary estimate of the quantities is as follows:

300 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2..... $600 00
216 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80.... 172 80
3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50..... 150 00
2,700 feet, Board Measure, of sheeting and bracing driven in place complete, including all incidentals and appurtenances; per thousand feet, Board Measure, $18..... 48 60

Total..... $971 40

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 Five Hundred Dollars ($500).

The foregoing Engineer's preliminary estimate of the total cost for the completed work is to be taken as the 100 per cent. basis and test for bidding. Proposals shall each state a single percentage of such 100 per cent. (such as 95 per cent., 100 per cent, or 105 per cent.), for which all materials and work called for in the proposed contract and the notices to bidders are to be furnished to the City. Such percentage, as bid for this contract, shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, the Borough of Brooklyn, 215 Montague st., Brooklyn.

ALFRED E. STEERS, President.

Dated October 24, 1911. o26,n8

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

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

MONDAY, NOVEMBER 13, 1911,

FOR FURNISHING ALL LABOR AND MATERIALS NECESSARY OR REQUIRED FOR ALL EXCAVATION, MASONRY, STEEL AND IRON WORK, ROOFING AND METAL WORK, CARPENTRY, GLAZING, PAINTING, HARDWARE, PLUMBING, HEATING AND VENTILATING, ELECTRIC WORK, LAUNDRY PLANT, FIXTURES AND ALL OTHER WORK FOR THE ERECTION AND COMPLETION OF A NEW LAUNDRY BUILDING, SITUATED TO THE WEST OF THE SERVICE BUILDING, CITY HOSPITAL DISTRICT, BLACKWELL'S ISLAND, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

The time allowed for doing and completing the entire work and the full performance of the contract is two hundred and fifty (250) consecutive calendar days.

The surety required will be fifty thousand dollars ($50,000).

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 Raymond F. Almirall, architect, 185 Madison ave., Borough of Manhattan, The City of New York, where plans and specifications may be seen.

MICHAEL J. DRUMMOND, Commissioner.

Dated October 28, 1911. o31,n13

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

FIRE DEPARTMENT.

HEADQUARTERS OF THE FIRE DEPARTMENT OF THE CITY OF NEW YORK, 157 AND 159 EAST 67TH STREET, BOROUGH OF MANHATTAN, THE CITY OF NEW YORK.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at the above office until 10.30 o'clock a. m., on

MONDAY, NOVEMBER 20, 1911.

Borough of Manhattan,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION AND COMPLETION OF A NEW BUILDING, FOR A HOOK AND LADDER COMPANY, AT 191 FULTON ST.

The time for the completion of the work and the full performance of the contract is one hundred and fifty (150) working days.

The amount of security required is fifty per cent. (50%) of the amount of the 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 and the plans and drawings may be seen at the office of Hoppen and Koen, architects, 244 Fifth avenue, and offices of the Fire Department, 157 and 159 East 67th street, Manhattan.

JOSEPH JOHNSON, Fire Commissioner.

n8,20

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

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 lay out the lines of old New Utrecht road, from 14th avenue to 18th avenue, Borough of Brooklyn, **and that a meeting of said Board will be** held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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** 19, 1911, 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 of old New Utrecht **road, from 14th avenue to 18th avenue in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated September 5, 1911.**

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

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 widen 36th street on its southerly side, from Fort Hamilton **parkway to Church avenue; establish** the lines and grades of old New Utrecht road, from 36th street to 14th avenue, and change the grades of the street system bounded by Fort Hamilton parkway, 36th street, 14th avenue and 38th street, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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 19, 1911, 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 widening 36th street on its southerly side, from Fort Hamilton parkway to Church avenue, establishing the lines and grades of old New Utrecht road from 36th street to 14th avenue, and changing the grades of the street system bounded by Fort Hamilton parkway, 36th street, 14th avenue and 38th street in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated September 5, 1911.

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

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 the street system bounded by West street, Avenue V, Ocean avenue, Emmons avenue and Canal avenue, Borough of Brooklyn, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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 19, 1911, 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 the street system bounded by West street, Avenue V, Ocean avenue, Emmons avenue and Canal avenue, in the Borough of Brooklyn, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Commissioner of Public Works of the Borough, and dated June 13, 1911.

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

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 Section 52 of the Final Maps, Borough of The Bronx, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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 19, 1911, 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 Section 52 of the Final Maps, bounded approximately by Mayflower avenue, Bronx and Pelham parkway, Bassett avenue, Demeyer street, Waring avenue, Edson avenue, Bushnell avenue, Wright avenue, Allerton avenue and its prolongation, **Hutchinson River, Pelham Bay Park, Westchester avenue and Wilkinson 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 19, 1911.**

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. n2,14

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 the street system bounded by Grand street, Hamilton place, Perry avenue, Mueller street, Clinton avenue, Fisk avenue, Hull avenue and Ramsey street, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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** 19, 1911, 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 the street system bounded by Grand street, Hamilton place, Perry avenue, Mueller street, Clinton avenue, Fisk avenue, Hull avenue and Ramsey 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 Secretary of the Board of Estimate and Apportionment, and dated March 27, 1911.

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. n2,14

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 Redfern (Remsen) avenue, from Carlton avenue to McNeil avenue, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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 19, 1911, 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 Redfern (Remsen) Avenue, from Carlton avenue to McNeil avenue, in the Borough of Queens, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the Secretary of the Board of Estimate and Apportionment, and dated May 26, 1911.

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. n2,14

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 Carlisle street, between Maywood street and South street, Borough of Queens, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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 19, 1911, 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 Carlisle street, between Maywood street and South 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 Secretary of the Board of Estimate and Apportionment, and dated May 25, 1911.

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 16th day of November, 1911, 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 19, 1911, 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 Section 52 of the Final Maps, bounded approximately by Mayflower avenue, Bronx and Pelham parkway, Bassett avenue, Demeyer street, Waring avenue, Edson avenue, Bushnell avenue, Wright avenue, Allerton avenue and its prolongation, **Hutchinson River, Pelham Bay Park, Westchester avenue and Wilkinson 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 19, 1911.**

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. n2,14

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 South Side boulevard, between Arthur Kill and a point about 240 feet easterly from Central avenue, Borough of Richmond, and that a meeting of said Board will be held in the Old Council Chamber, City Hall, Borough of Manhattan, City of New York, on November 16, 1911, 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 19, 1911, 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 South Side Boulevard, between Arthur Kill and a point about 240 feet easterly from Central avenue, in the Borough of Richmond, City of New York, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated December 31, 1910.

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway; Telephone, 2280 Worth. n2,14

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 19, 1911, 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 East 7th street, from Foster avenue to Canal avenue North, excluding the right-of-way of the Manhattan Beach Division of the Long Island Railroad, in the Borough of Brooklyn, City of New York; and

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

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

Beginning at a point on the prolongation of a line midway between East 7th street and East 8th street, distant 100 feet northerly from the northerly line of Foster avenue, the said distance being measured at right angles to Foster avenue, and running thence southwardly along the said line midway between East 7th street and East 8th street and along the prolongations of the said line to the intersection with a line midway between Avenue V and Avenue W; thence eastwardly along the said line midway between Avenue V and Avenue W to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of East 7th street and the westerly line of Coney Island avenue as these streets are laid out between Avenue V and Avenue W; thence southwardly along the said bisecting line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Canal avenue north, the said distance being measured at right angles to Canal avenue north; thence westwardly along the said line parallel with Canal avenue north to the intersection with the prolongation of a line midway between East 7th street and Hubbard street; thence northwardly along the said line midway between East 7th street and Hubbard street and along the prolongations of the said line to the intersection with a line midway between Avenue X and Crawford avenue; thence westwardly along the said line midway between Avenue X and Crawford avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the westerly line of East 7th street and the easterly line of Ocean parkway as these streets are laid out between Avenue X and Crawford avenue; thence northwardly along the said bisecting line to the intersection with the prolongation of a line midway between East 7th street and Ocean parkway as these streets are laid out north of Avenue W; thence northwardly along the said line midway between East 7th street and Ocean parkway and along the prolongations of the said line to the intersection with a line parallel with Foster avenue and passing through the point of beginning; thence eastwardly along the said line parallel with Foster avenue 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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 19, 1911, 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 Damis avenue, from Lafayette avenue to the easterly line of Bronx River avenue, north of Westchester avenue; and Bronx River avenue, from Lafayette avenue to Randall avenue, 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 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 easterly line of Bronx River avenue where it is intersected by a line midway between Fenfell avenue and Damis avenue, and running thence southwardly along the said line midway between Fenfell avenue and Damis avenue to a point distant 100 feet northerly from the northerly line of Story avenue; thence eastwardly and parallel with Story avenue to the intersection with a line midway between Wheeler avenue and Fenfell avenue; thence southwardly along the said line midway between Wheeler avenue and Fenfell avenue to the intersection with a line midway between Story avenue and Lafayette avenue; thence eastwardly along the said line midway between Story avenue and Lafayette avenue to the intersection with a line midway between Ward avenue and Genner avenue; thence southwardly along the said line midway between Ward avenue and Genner avenue to a point distant 100 feet northerly from the northerly line of Lafayette avenue; thence eastwardly and parallel with Lafayette avenue to the intersection with a line midway between Chanute avenue and Ward avenue; thence southwardly along the said line midway between Chanute avenue and Ward avenue to a point distant 100 feet southerly from the southerly line of Lafayette avenue; thence eastwardly and parallel with Lafayette avenue to the intersection with a line midway between Craighill avenue and Chanute avenue; thence southwardly along the said line midway between Craighill avenue and Chanute avenue to the intersection with a line midway between Lafayette avenue and Seward avenue; thence eastwardly along the said line midway between Lafayette avenue and Seward avenue to the intersection with a line midway between Morrison avenue and Craighill avenue; thence southwardly along the said line midway between Morrison avenue and Craighill avenue to a point distant 100 feet southerly from the southerly line of Seward avenue; thence eastwardly and parallel with Seward avenue to the intersection with a line midway between Metcalf avenue and Harrod avenue; thence southwardly along the said line midway between Metcalf avenue and Harrod avenue and along the prolongation of the said line to the intersection with the northeasterly bulkhead line of Bronx River as shown on a map approved by the Secretary of War on September 23, 1911; thence generally northwardly along the said bulkhead line to the intersection with the prolongation of a line midway between Story avenue and Lafayette avenue; thence eastwardly along the said prolongation of a line midway between Story avenue and Lafayette avenue to the intersection with the prolongation of a line midway between Bronx River avenue and Close avenue, as these streets are laid out north of Story avenue; thence northwardly along the said line midway between Bronx River avenue and Close avenue and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Story avenue; thence eastwardly and parallel with Story avenue to the intersection with a line midway between Damis avenue and Close avenue; thence northwardly along the said line midway between Damis avenue and Close avenue and along the prolongation of the said line to the intersection with the westerly line of Bronx River avenue; thence westwardly at right angles to Bronx River avenue a distance of 100 feet; thence northwardly and parallel with Bronx River avenue to the intersection with a line at right angles to Bronx River avenue and passing through the point of beginning; thence eastwardly along the said line at right angles to Bronx River avenue 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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 19, 1911, 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 Wallace avenue, from Baker avenue to Bear Swamp road; Barnes avenue, from Baker avenue to Bear Swamp road; Matthews avenue, from Baker avenue at a point about 149 feet east of its intersection with the easterly line of Barnes avenue to Bear Swamp road; and Muliner avenue, from Morris Park avenue to Bear Swamp road, 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 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 southeasterly right-of-way line of the New York, Westchester and Boston Railway where it is intersected by the prolongation of a line distant 100 feet northeasterly from and parallel with the northeasterly line of Bear Swamp road as this street is laid out between Matthews avenue and Barnes avenue, the said distance being measured at right angles to Bear Swamp road, and running thence southeastwardly along the said line parallel with Bear Swamp road 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 Muliner avenue and the westerly line of Bear Swamp road as these streets are laid out where they adjoin Morris Park avenue; thence southwardly along the said bisecting line to the intersection with a line midway between Morris Park avenue and Kinsella street; thence westwardly along the said line midway between Morris Park avenue and Kinsella street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Matthews avenue and the westerly line of Bear Swamp road, as these streets are laid out between Kinsella street and Van Nest avenue; thence southwardly along the said bisecting line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Van Nest avenue, as this street is laid out where it adjoins Bear Swamp road on the west, the said distance being measured at right angles to Van Nest avenue; thence westwardly along the said line parallel with Van Nest avenue to a point distant 100 feet easterly from the easterly line of Matthews avenue; thence southwardly and westwardly and always distant 100 feet easterly and southerly from the easterly and southerly lines of Matthews avenue and of Baker avenue to the intersection with the prolongation of a line midway between Wallace avenue and Holland avenue; thence northwardly along the said line midway between Wallace avenue and Holland avenue and along the prolongations of the said line to the intersection with the southeasterly right-of-way line of the New York, Westchester and Boston Railway; thence northeastwardly along the said right-of-way 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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October, 19, 1911, 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 Unionport road, from Morris Park avenue to White Plains road near Baker avenue, 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 proceeding.

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

Beginning at a point on a line midway between Victor street and Amethyst street distant 100 feet northerly from the northerly line of Morris Park avenue, and running thence southwardly along the said line midway between Victor street and Amethyst street and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Unionport road, the said distance being measured at right angles to Unionport road; thence southwardly and parallel with Unionport road to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Van Nest avenue as this street is laid out where it adjoins Victor street on the east, the said distance being measured at right angles to Van Nest avenue; thence eastwardly along the said line parallel with Van Nest avenue to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Unionport road as this street is laid out where it adjoins Van Nest avenue on the south, the said distance being measured at right angles to Unionport road; thence southwardly along the said line parallel with Unionport road and along the prolongation of the said line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Van Nest avenue as this street is laid out where it adjoins White Plains road, the said distance being measured at right angles to Van Nest avenue; thence eastwardly along the said line parallel with Van Nest avenue, to the intersection with a line midway between White Plains road and Cruger avenue; thence southwardly along the said line midway between White Plains road and Cruger avenue 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 Baker avenue as this street is laid out between Garfield street and White Plains road, the said distance being measured at right angles to Baker avenue; thence westwardly along the said line parallel with Baker avenue and along the prolongation of the said line to the intersection with a line at right angles to Mead street and passing through a point on its southerly side midway between Garfield street and Unionport road; thence northwardly along the said line at right angles to Mead street to the intersection with a line midway between Mead street and Van Nest avenue; thence eastwardly along the said line midway between Mead street and Van Nest avenue to the intersection with the prolongation of a line distant 95 feet easterly from and parallel with the easterly line of Fillmore street, the said distance being measured at right angles to Fillmore street; thence northwardly along the said line parallel with Fillmore street to a point distant 100 feet northerly from the northerly line of Morris Park avenue, the said distance being measured at right angles to Morris Park avenue; thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Morris Park avenue 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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 19, 1911, 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 Cox place, from Flushing avenue to Broad street; Marabel avenue, from Maurice avenue to Maspeth avenue; and Clermont avenue, from Maurice avenue to Hebberd avenue, in the Borough of Queens, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said 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 southeasterly line of Maurice avenue where it is intersected by a line midway between Bloomer place and Clermont avenue, and running thence southwardly along the said line midway between Bloomer place and Clermont avenue to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Borden avenue, the said distance being measured at right angles to Borden avenue; thence eastwardly along the said line parallel with Borden avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Willow avenue and Clermont avenue as these streets are laid out immediately north of Maspeth avenue; thence southwardly along the said bisecting 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 Flushing avenue; thence southwestwardly along the said line parallel with Flushing avenue to the intersection with the prolongation of a line midway between Fresh Pond road and Clermont avenue; thence southwardly along the said line midway between Fresh Pond road and Clermont avenue, and along the prolongation of the said line, to the intersection with a line midway between Hebberd avenue and Mount Olivet avenue; thence westwardly along the said line midway between Hebberd avenue and Mount Olivet avenue to the intersection with the prolongation of a line midway between Clermont avenue and Mary street; thence northwardly along the said line midway between Clermont avenue and Mary street and along the prolongation of the said line to the intersection with a line distant 100 feet southeasterly from and parallel with the easterly line of Flushing avenue, the said distance being measured at right angles to Flushing avenue; thence southwestwardly along the said line parallel with Flushing avenue to the intersection with a line at right angles to Flushing avenue and passing through a point on its southeasterly line where it is intersected by the prolongation of a line midway between Cox place and Edward street; thence northwestwardly along the said line at right angles to Flushing avenue to the intersection with its southeasterly side; thence westwardly along the said line midway between Cox place and Edward street, 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 Broad street, the said distance being measured at right angles to Broad street; thence northwardly along the said line parallel with Broad street to the intersection with the prolongation of a line midway between Cox place and Charles street; thence eastwardly along the said line midway between Cox place and Charles 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 Pond place and the westerly line of Clermont avenue as these streets are laid out between Charles street and Herbert street; thence northwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Pond place and the westerly line of Clermont avenue as these streets are laid out between Hill street and Herbert street; thence northwardly along the said bisecting line to a point distant 100 feet southerly from the southerly line of Maspeth avenue, the said distance being measured at right angles to Maspeth avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Maspeth avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Broad street and the westerly line of Marabel avenue as these streets are laid out immediately north of Maspeth avenue; thence northwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southeasterly line of Maurice avenue and the westerly line of Marabel avenue as these streets are laid out immediately north of Halle avenue; thence northeastwardly along the said bisecting line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Marabel avenue, the said distance being measured at right angles to Marabel avenue; thence northwardly along the said line parallel with Marabel avenue to the intersection with the northwesterly line of Maurice avenue; thence northwestwardly at right angles to Maurice avenue a distance of 100 feet; thence northeastwardly and parallel with Maurice avenue to the intersection with a line distant 100 feet northeasterly from and parallel with the northeasterly line of Newtown avenue, the said distance being measured at right angles to Newtown avenue; thence southeastwardly along the said line parallel with Newtown avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongation of the southeasterly line of Maurice avenue and the westerly line of Clermont avenue as these streets are laid out immediately north of Newtown avenue and Borden avenue; thence northwardly along the said bisecting line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Clermont avenue, the said distance being measured at right angles to Clermont avenue; thence northwardly along the said line parallel with Clermont avenue to the intersection with the northwesterly line of Maurice avenue; thence northwestwardly at right angles to Maurice avenue a distance of 100 feet; thence northeastwardly and parallel with Maurice avenue to the intersection with a line at right angles to Maurice avenue and passing through the point of beginning; thence southeastwardly along the said line at right angles to Maurice avenue 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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 19, 1911, 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 Cox place, from Toledo street to Junction avenue; and Horton street, from Broadway to Junction avenue, in the Borough of Queens, City of New York; and

Whereas, The Board of Estimate and Apportionment is authorized and required at the time of the adoption of the resolution directing the institution of proceedings to acquire title to the lands required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said 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 midway between Gerry avenue and Maurice avenue, distant 100 feet easterly from the easterly line of Junction avenue, the said distance being measured at right angles to Junction avenue, and running thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Junction avenue to the intersection with the prolongation of a line midway between Horton street and Ivy street; thence westwardly along a line always midway between Horton street and Ivy 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 centre lines of Justice street and Chicago street as these streets are laid out between Horton street and Ivy street; thence southeastwardly along the said bisecting line to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Ivy street as this street is laid out immediately adjoining Justice street, the said distance being measured at right angles to Ivy street; thence southwestwardly along the said line parallel with Ivy street, and along the prolongation of the said line, to a point distant 100 feet southwesterly from the southwesterly line of Justice street, the said distance being measured at right angles to justice street; thence northwestwardly and always distant 100 feet southwesterly from and parallel with the southwesterly line of Justice street to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Horton street as this street is laid out immediately adjoining Broadway, the said distance being measured at right angles to Horton street; thence westwardly along the said line parallel with Horton street, and along the prolongation of the said line, to a point distant 100 feet westerly from the westerly line of Broadway, the said distance being measured at right angles to Broadway; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Broadway to the intersection with a line at right angles to Broadway and passing through a point on its westerly side where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Maurice avenue and Horton street as these streets are laid out westerly from the first angle point west of Chicago street; thence eastwardly along the said line at right angles to Broadway to the intersection with its westerly side; thence northeastwardly along the said bisecting line to the intersection with the prolongation of a line midway between Maurice avenue and Horton street as these streets are laid out at Chicago street; thence eastwardly along the said line midway between Maurice avenue and Horton street, and along the prolongation of the said line, to a point distant 100 feet westerly from the westerly line of Toledo street; thence northwardly and parallel with Toledo street to the intersection with a line midway between Gerry avenue and Maurice avenue; thence eastwardly along the said line midway between Gerry avenue and Maurice avenue 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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1406; Telephone, 2280 Worth. n2,14

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on October 19, 1911, 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 March 9, 1911, for acquiring title to Knox street, from Richmond terrace to Market street; and Market street from Broadway to Bulger avenue, Borough of Richmond, so as to relate to the aforesaid streets as shown upon a map or plan adopted by the Board of Estimate and Apportionment, October 5, 1911, and approved by the Mayor, October 20, 1911.

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 distant 150 feet westerly from and parallel with the westerly line of Knox street where it adjoins Richmond terrace, the said distance being measured at right angles to Knox street, distant 100 feet northerly from the northerly line of Richmond terrace, the said distance being measured at right angles to Richmond terrace, and running thence eastwardly and always distant 100 feet northerly from and parallel with the northerly line of Richmond terrace to the intersection with the prolongation of a line distant 150 feet easterly from and parallel with the easterly line of Knox street where it adjoins Richmond terrace, the said distance being measured at right angles to Knox street; thence southwardly and always distant 150 feet easterly from and parallel with the easterly line of Knox street and the prolongation thereof, to the intersection with a line distant 250 feet northerly from and parallel with the northerly line of Market street, the said distance being measured at right angles to Market street; thence eastwardly along the said line parallel with Market street and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Burger avenue, the said distance being measured at right angles to Burger avenue; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Burger avenue to the intersection with the prolongation of a line distant 125 feet southerly from and parallel with the southerly line of Market street where it adjoins Burger avenue, the said distance being measured at right angles to Market street; thence westwardly along the said line parallel with Market street and along the prolongations of the said line to a point distant 100 feet westerly from the westerly line of Broadway, the said distance being measured at right angles to Broadway; thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Broadway to the intersection with the prolongation of a line distant 250 feet northerly from and parallel with the northerly line of Market street where it adjoins Broadway on the east, the said distance being measured at right angles to Market street; thence eastwardly along the said line parallel with Market street and along the prolongation of the said line to a point distant 150 feet westerly from the westerly line of Knox street, the said distance being measured at right angles to Knox street; thence northwardly and always distant 150 feet westerly from and parallel with the westerly line of Knox street and the prolongations thereof, to the point or place of beginning. (In the case of streets herein named which have not been incorporated upon the City map, the lines referred to are intended to be those now in use and as commonly recognized.)

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 16th day of November, 1911, 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 16th day of November, 1911.

Dated November 2, 1911.

JOSEPH HAAG, Secretary, 277 Broadway, Room 1408; Telephone, 2280 Worth. n2,14

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION, NEW YORK, NOVEMBER 4, 1911.

PUBLIC NOTICE IS HEREBY GIVEN OF the proposed amendment of the Classification by including in the Exempt Class, under the heading "Mayor's Office," the following:

CONFIDENTIAL INSPECTOR OF WEIGHTS AND MEASURES.

A public hearing will be allowed in accordance with Rule 111., at the request of any interested person, at the offices of the Commission, 299 Broadway, on Wednesday, November 8, 1911, at ten o'clock a. m.

FRANK A. SPENCER, Secretary.
n4,8

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, October 31, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

TUESDAY, OCTOBER 31, UNTIL 4 P. M., WEDNESDAY, NOVEMBER 15, 1911,

for the position of

INSPECTOR (PUBLIC WORKS), 2D and 3D GRADES.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., November 15, will be accepted.

The subjects and weights of the examination are as follows: Duties and Report, 4; Experience, 3; Arithmetic, 3; 70 per cent. will be required on Duties and Report, and 70 per cent. on all.

Candidates for both grades will be given an examination to test their knowledge of the different kinds of paving, concreting and foundation work. They will also be required to show a knowledge of the laws and ordinances governing the regulating, grading and paving of streets, the building of vaults, removal of encumbrances and the making of sewer connections.

Candidates for the third grade will be given an additional test on their knowledge of stone foundation work, sewer construction and pipe laying.

The age limits for both grades are 25 to 50.

Vacancies occur from time to time.

The salary for the second grade is from $1,200 to $1,800 per annum.

The salary for the third grade is from $1,800 to $2,400 per annum.

A physical examination will precede the mental. The date of the examinations will be announced later.

FRANK A. SPENCER, Secretary.
o31,n15

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, OCTOBER 25, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

WEDNESDAY, OCTOBER 25, TO 4 P. M. THURSDAY, NOVEMBER 9, 1911,

for the position of

MEDICAL INSPECTOR, FOURTH GRADE.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., November 9, will be accepted.

The examination will be held on Wednesday, November 22, 1911, at 10 a. m.

A medical examination will follow the mental.

The subjects and weights of the mental examination are as follows: Technical, 6; Experience, 4.

The percentage required is 75 on the Technical paper and 70 on all.

Candidates must be licensed to practice medicine in the State of New York. The license or proof thereof must be produced at examination.

Candidates must be residents of the State of New York and citizens of the United States. Vouchers must be residents of The City of New York.

One vacancy in the Department of Health at a salary of $2,550 per annum. Minimum age, 25 years.

FRANK A. SPENCER, Secretary.
o25,n9

MUNICIPAL CIVIL SERVICE COMMISSION, 299 BROADWAY, NEW YORK, OCTOBER 24, 1911.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received from

TUESDAY, OCTOBER 24, UNTIL 4 P. M. WEDNESDAY, NOVEMBER 8, 1911.

for the position of

ALIENIST, 1ST TO 3D GRADE.

No application delivered at the office of the Commission, by mail or otherwise, after 4 p. m., November 8, will be accepted.

The examination will be held on Tuesday, November 28, 1911, at 10 a. m.

The subjects and weights of the examination are as follows: Technical, 6; Experience, 4.

75 per cent. will be required on the technical paper and 70 per cent. on all.

Candidates must be qualified Examiners in Lunacy of the State of New York.

The requirement that all applicants shall be residents of the State of New York is waived for this examination.

The requirement that vouchers shall be residents of The City of New York is waived for this examination, and applications bearing the certificates of four persons resident or engaged in business elsewhere will be accepted.

The requirement of citizenship is waived for this examination.

Candidates must have had at least two years' experience in institutions for the care of the insane.

Vacancies: One at $600 and one at $1,200 per annum in Department of Public Charities. One or more in Bellevue and Allied Hospitals at from $1,800 to $2,100 per annum.

Candidates for the higher grades will be called on for a more severe test.

Minimum age, 25 years.

FRANK A. SPENCER, Secretary.
o24,n8

BOARD OF ASSESSORS.

PUBLIC NOTICE IS HERBEY 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.

1999. Outlet sewer through an easement from Haven ave. to Riverside drive, and sewers in Haven ave., from Fort Washington ave. to summit north of 171st st., and in 169th and 170th sts., between Fort Washington and Haven aves.

Affecting Block 2139.

2003. Alteration and improvement to sewer in 75th st., between Park and 5th aves.

Affecting Blocks 1389 and 1390.

2007. Paving, curbing and recurbing W. 216th st., from Broadway to a point 432 feet east of 9th ave.

The area of assessments extends to one-half the block at the intersecting streets.

Borough of The Bronx.

1869. Sewer and appurtenances in Seneca ave., between Whittier st. and easterly side of Edgewater road.

Affecting Blocks 2761 and 2762.

1736. Sewer and appurtenances in W. 171st st., between Harlem River and Sedgwick ave., and in Sedgwick ave., between 171st st. and Commerce ave.

Affecting Blocks 2538, 2541, 2542, 2880, 2882 and 2884.

1735. Sewer and appurtenances in E. 166th st., between Morris ave. and Carroll place; in McClellan st., between Sheridan ave. and Carroll place; E. 167th st., between Morris ave. and Sheridan ave.; E. 169th st., between Morris ave. and Concourse; Grant ave., between E. 165th st. and E. 170th st.; Sherman ave., between E. 165th st, and E. 168th st., and in Sheridan ave., between E. 165th and 168th sts.

Affecting Blocks 2448, 2449, 2450, 2451, 2452, 2453, 2456, 2457, 2816, 2830 and 2831.

1955. Regulating, grading, curbing, flagging, laying crosswalks, etc., in Exterior st., from E. 149th st. to Jerome ave.

1969. Regulating, grading, curbing, flagging, laying crosswalks, etc., in Teller ave., from E. 170th st. to Morris ave.

The area of assessment of the two above-mentioned lists extends to one-half the block at the intersecting and terminating streets.

Borough of Richmond.

2048. Regulating and grading a new street, which is the extension of Castleton ave., from Columbia st. to Jewett ave.; also building a bridge, etc., across Palmer's run.

The area of assessment is bounded by Taylor st., Post ave., Richmond ave., Vreeland st., Cottage place, New street, and Cedar st., up to Taylor st.

2049. Constructing combined sewer in Center st., from Norwood ave. to Vanderbilt ave., and temporary sewer in Vanderbilt ave., from Center st. to a point about 175 feet west of Pleasant place.

Affecting Plot 1, Ward 4; Plot 6, Ward 2.

2050. Sewer in DeKay st., between Davis ave. and Bard ave.

Affecting Blocks 11, 12, 13, 14, First Ward.

2051. Sewer in 11th st., from York ave. to a point about 280 feet westerly therefrom.

Affecting Blocks 2 and 3, First Ward.

2052. Sewer in Hope ave., from New York ave. to Staten Island Rapid Transit Railroad tracks.

Affecting Plot 7, Ward 4.

All persons whose interest 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 December 5, 1911, 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, November 4, 1911. n4,16

NOTICE IS HEREBY GIVEN BY THE Board of Assessors of The City of New York that on

SATURDAY, DECEMBER 2, 1911,

at 11 a. m., at their office, 320 Broadway, Borough of Manhattan, City of New York, they will meet at said place to make the annual apportionment and assessment required under Chapter 244, Laws of 1878, for "lands taken," and known as the Prospect Park Assessment. This is the thirty-fourth annual instalment and books are now open for inspection at the office of the Collector of Assessments and Arrears, 215 Montague st., Borough of Brooklyn, City of New York.

JOSEPH P. HENNESSY, WILLIAM C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

November 2, 1911. n2,14

NOTICE IS HEREBY GIVEN BY THE Board of Assessors of The City of New York that on

SATURDAY, DECEMBER 2, 1911,

at 11 a. m., at their office, 320 Broadway, Borough of Manhattan, City of New York, they will meet at said place to make the annual apportionment and assessment required under Chapter 764 of the Laws of 1900, as amended by Chapter 590, Laws of 1901, and by Chapter 498, Laws of 1903, entitled:

"Assessment for the opening, extending, laying out and improving Bedford ave., from Eastern parkway to Flatbush ave., Borough of Brooklyn, City of New York."

The proposed apportionment and assessment is now open for inspection at the office of the Collector of Assessments and Arrears, 215 Montague st., Borough of Brooklyn.

JOSEPH P. HENNESSY, WILLIAM C. ORMOND, ANTONIO C. ASTARITA, Board of Assessors.

November 2, 1911. n2,14

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 Brooklyn.

1768. Regulating, grading, curbing and flagging Lawrence ave., from Gravesend ave. to Ocean parkway, and on Newkirk ave., from Ocean parkway to 1st st. Together with a list of awards for damages caused by a change of grade.

1799. Regulating and grading E. 40th st., between Hubbard place and Flatlands ave.

1927. Regulating, grading, curbing and flagging 20th ave., between Bath and Cropsey aves.

1929. Regulating, grading, curbing and flagging Carroll st., between Bedford and Rogers aves.

1992. Regulating to a width of 50 feet on each side of the line, curbing and flagging Malbone st., between the bridge over the Brighton Beach Railroad and Nostrand ave.

1987. Paving E. 5th st., from a point about 300 feet north of Avenue F to Ditmas ave.

1988. Paving Elderts lane, between Knickerbocker ave. and Queens County line.

The area of assessment extends to within half the block at the intersecting 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 28, 1911, 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 28, 1911. o28,n9

DEPARTMENT OF FINANCE.

Notices of Sale.

NOTICE OF CONTINUATION OF THE BRONX TAX SALE.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of The Bronx, as to liens remaining unsold at the termination of sales of February 6, 20; March 6, April 10, May 1, May 15, May 29, June 19, July 10 and September 11, 1911, has been continued to

MONDAY, NOVEMBER 13, 1911.

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 Coroner's Court Room, Bronx Building, 531 Tremont ave., in the Borough of The Bronx, in The City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears.

Dated September 11, 1911. s12,n13

Notice to Taxpayers.

DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF TAXES, 57 CHAMBERS ST. (STEWART BUILDING), MANHATTAN.

IMPORTANT NOTICE TO TAXPAYERS.

NOTICE IS HEREBY GIVEN TO ALL PERsons *whose taxes for the year* 1911 *have not been paid before the 1st day of November of the said year,* that unless the same shall be paid to the Receiver of Taxes at his office in the Borough in which the property is located, as follows:

Borough of Manhattan, 57 Chambers st.

Borough of The Bronx, Municipal Building, corner 3d and Tremont aves.

Borough of Brooklyn, Rooms 2, 4, 6 and 8, Municipal Building.

Borough of Queens, Court square, Long Island City.

Borough of Richmond, Borough Hall, St. George.

—he will charge, receive and collect upon such taxes so remaining unpaid on that day, in addition to the amount of such taxes, interest at the rate of seven per centum per annum, to be calculated from the day on which the said taxes became due and payable, viz., October 2, as provided in Section 914 of the Charter as amended by Chapter 447, Laws of 1908.

November 1, 1911.

FRED. H. E. EBSTEIN, Receiver of Taxes.
n1,13

Corporation Sales.

CORPORATION SALE OF REAL ESTATE.

WM. P. RAE CO., AUCTIONEER.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the power vested in them by law, will offer for sale at public auction on

TUESDAY, NOVEMBER 21, 1911,

at 12 o'clock m., at the Brooklyn Real Estate Exchange, 189 Montague street, Borough of Brooklyn, the following described real estate belonging to the corporation of The City of New York, and located in the Borough of Brooklyn, and known as Lot 72, in Block 993, Section 4, more particularly bounded and described as follows:

All that certain plot, piece or parcel of land situate in the Borough of Brooklyn, City of New York.

Beginning at a point on the northerly side of 7th street, said point being distant 122 feet 10½ inches easterly from the intersection of the northerly side of 7th street and the easterly side of 4th avenue; running thence northerly and parallel or nearly so with 4th avenue a distance of 100 feet to the centre line of the block; thence easterly and parallel, or nearly so, with 7th street, a distance of 20 feet; thence southerly and again parallel with 4th avenue, a distance of 100 feet to the northerly side of 7th street; thence westerly along the northerly side of 7th street, 20 feet to the point or place of beginning.

The minimum or upset price at which said property shall be sold is hereby appraised and fixed at Twelve Hundred Dollars ($1,200), plus the cost of advertising the sale. The sale is made upon the following

TERMS AND CONDITIONS:

The highest bidder will be required to pay 10 per cent. of the amount of his bid, together with the auctioneer's fee, at the time of the sale, and 90 per cent. upon the delivery of the deed, which shall be within thirty (30) days from the date of the sale. The deed so delivered shall be in form of a bargain and sale deed without covenants.

The Comptroller may, at his option, resell the property if the successful bidder shall fail to comply with the terms of the sale, and the person failing to comply therewith, will be held liable for any deficiency which may result from such resale. The right is reserved to reject any and all bids.

Maps of said real estate may be seen on application at the Comptroller's office, Stewart Building, 280 Broadway, Borough of Manhattan.

By order of the Commissioners of the Sinking Fund under resolution adopted at meeting of the Board held October 25, 1911.

WM. A. PRENDERGAST, Comptroller, City of New York.

Department of Finance, Comptroller's office, October 25, 1911. n3,21

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE COMMISsioner of the Department of Water Supply, Gas and Electricity, 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 buildings standing upon property owned by The City of New York, acquired by it for water supply purposes in the

Borough of Queens,

Being the double dwelling house, situated near the Bayside Pumping Station, in the Borough of Queens, which is more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution adopted by the Commissioners of the Sinking Fund, at a meeting held October 25, 1911, the sale by sealed bids of the above-described buildings and appurtenances thereto will be held by direction of the Comptroller on

MONDAY, NOVEMBER 20, 1911.

at 11 a. m., in lots and parcels and in manner and form, as follows:

Parcel No. 1. Double dwelling house, adjoining the Bayside Pumping Station, on the south side of Broadway, about 200 feet east of Thirteenth street, Bayside.

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, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 20th day of November, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-fours 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 20, 1911," 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 28, 1911. n2,20

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE BOARD OF Education, 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 buildings standing upon property owned by The City of New York, acquired by it for school site purposes in the

Borough of Brooklyn,

Being all the buildings, parts of buildings, etc., standing on the plot of ground, 80 feet by 100 feet, on the easterly side of Pennsylvania ave., distant 200 feet southerly from the southeast corner of Pennsylvania ave. and Liberty ave., in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution adopted by the Commissioners of the Sinking Fund, at a meeting held October 25, 1911, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

SATURDAY, NOVEMBER 18, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel No. 1—One-story frame church building, 173 Pennsylvania ave.

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, 280 Broadway, Borough of Manhattan, until 11 a. m., on the 18th day of November, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-fours 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.

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 18, 1911," 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. 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 27, 1911. n1,18

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE BOARD OF Education, 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 buildings standing upon property owned by The City of New York, acquired by it for school site purposes in the

Borough of Manhattan,

Being all the buildings, parts of buildings, etc., standing on the plot of ground 33 feet 4 inches by 100 feet 11 inches on the northerly side of E. 105th st., distant 105 feet westerly from the northwest corner of Lexington ave. and E. 105th st., in the Borough of Manhattan, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution adopted by the Commissioners of the Sinking Fund, at a meeting held October 25, 1911, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

FRIDAY, NOVEMBER 17, 1911,

at 11 a. m., in lots and parcels and in manner and form, as follows:

Parcel No. 1—Two three-story and basement brick and brownstone houses, 129 and 131 E. 105th st.

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, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 17th day of November, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened November 17, 1911," 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, 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 27, 1911. o31,n17

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., lying within the lines of Montgomery st., from Franklin ave. to Bedford ave., in the Borough of Brooklyn, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, No. 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held October 25, 1911, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above buildings and appurtenances thereto, will be held by direction of the Comptroller on

THURSDAY, NOVEMBER 16, 1911,

at 11 a. m., in lots and parcels and in manner and form and at upset prices as follows:

Parcel No. 1—Part of two-story frame house and one story extension on the northeast corner of Montgomery st. and Franklin ave. Cut 4.8 feet on west side by 4.8 feet on east side by 27.1 feet. Upset price, $20.

Parcel No. 2—Part of one-story frame house on the southeast corner of Montgomery st. and Pine pl. Cut 5.1 feet on east side by line of street. Upset price, $5.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room K, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 16th day of November, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened November 16, 1911," 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, 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 27, 1911. o30,n16

CORPORATION SALE OF BUILDINGS AND APPURTENANCES THERETO ON CITY REAL ESTATE BY SEALED BIDS.

AT THE REQUEST OF THE PRESIDENT OF the Borough of The Bronx, 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 The Bronx,

Being all the buildings, parts of buildings, etc., standing within the lines of Benson (Madison) avenue, from Walker avenue to Westchester square, in the Borough of The Bronx, all of which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room K, 280 Broadway, Borough of Manhattan.

Pursuant to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held May 17, 1911, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

WEDNESDAY, NOVEMBER 15, 1911,

at 11 a. m., in lots and parcels and in manner and form as follows:

Parcel 53—Part of one-story frame building on the south side of Benson avenue, about 80 feet west of Frisby avenue. Cut 3.3 feet on west side by 3.9 feet on east side by 25 feet.

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, 280 Broadway, Borough of Manhattan, until 11 a. m. on the 15th day of November, 1911, and then publicly opened for the sale for removal of the above-described buildings and appurtenances thereto, and the award will be made to the highest bidder within twenty-four hours, or as soon as possible thereafter.

Each parcel must be bid for separately and will be sold in its entirety, as described in above advertisement.

Each and every bid must be accompanied by a deposit of cash or certified check in a sum equal to 25 per cent. of the amount of the bid, except that a minimum deposit of $50 will be required with all bids, and that a deposit of $500 will be sufficient to entitle bidders to bid on any or all of the buildings.

Deposits of unsuccessful bidders will be returned within twenty-four hours after successful bidders have paid purchase price in full and given security, and those of successful bidders may be declared forfeited to The City of New York by the Comptroller upon the failure of the successful bidder to further comply with the requirements of the terms and conditions of the sale as set forth hereinafter.

Successful bidders will be required to pay the purchase money and deposit the required security within twenty-four hours of the receipt of notification of the acceptance of their bids.

The Comptroller reserves the right to reject any and all bids and to waive any defects or informalities in any bid should it be deemed in the interest of The City of New York to do so.

All bids must state clearly (1) the number or description of the building or buildings bid for, (2) the amount of the bid, (3) the full name and address of the bidder.

All bids must be inclosed in properly sealed envelopes, marked "Proposals to be opened November 15, 1911," 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, 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 25, 1911. o28,n15

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.

Notices 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 THE BRONX:

TWENTY-THIRD WARD—SECTION 9.

SEWERS in EAST ONE HUNDRED AND FORTIETH STREET AND EAST ONE HUNDRED AND FORTY-FIRST STREET, between Park ave. and Canal place, and in CANAL PLACE between 138th and 144th sts. Area of assessments affects Block No. 2340.

WALTON AVENUE—SEWER from 168th st. to 167th st. Area of assessments affects Blocks Nos. 2463, 2465, 2466, 2479 and 2480.

TWENTY-THIRD WARD—SECTION 10.

FAILE STREET—REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES, from Seneca ave. to Lafayette ave. Area of assessment: Both sides of Faile st., from Seneca ave. to Lafayette ave., and to the extent of half the block at the intersecting avenues.

—that the same were confirmed by the Board of Assessors on October 31, 1911, and entered October 31, 1911, 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 asesments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 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 Municipal Building, corner of 177th st. and 3d ave., 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 30, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, October 31, 1911. n6,17

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

EIGHTH WARD—SECTION 3.

EIGHTH AVENUE—SEWER, between 40th and 42d sts., and between 43d and 44th sts. Area of assessments affects Blocks 732 and 733, 919 and 920.

FIFTY-SIXTH STREET—PAVING, between 6th and 7th aves. Area of assessment: Both sides of 56th st. from 6th to 7th aves., and to the extent of half the block at the intersecting avenues.

EIGHTH WARD—SECTION 3, AND TWENTY-NINTH WARD—SECTION 16.

GRAVESEND AVENUE — REGULATING, GRADING, CURBING AND FLAGGING, from Fort Hamilton ave. to 20th st. Area of assessment: Both sides of Gravesend ave., from Fort Hamilton ave. to 20th st., and to the extent of half the block at the intersecting streets.

EIGHTH WARD—SECTION 3, AND THIRTIETH WARD—SECTION 17.

FIFTIETH STREET—PAVING, between 8th and 10th aves. Area of assessment: Both sides of 50th st. from 8th to 10th aves., and to the extent of half the block at the intersecting avenues.

TWENTY-FOURTH WARD—SECTION 5.

DEAN STREET—PAVING, between Troy and Schenectady aves. Area of assessment: Both sides of Dean st. from Troy to Schenectady aves., and to the extent of half the block at the intersecting avenues.

TWENTY-FOURTH WARD — SECTION 5; TWENTY-FIFTH WARD — SECTION 6; TWENTY-SIXTH WARD — SECTIONS 12 AND 13; TWENTY-SEVENTH AND TWENTY-EIGHTH WARDS—SECTION 11.

FENCING VACANT LOTS on the northeast side of WYCKOFF AVENUE, between Hart st. and DeKalb ave.; on ST. MARKS AVENUE, south side, between Kingston and Albany aves.; northwest corner of GLENMORE and SCHENCK AVENUES; southwest corner of PILLING STREET and EVERGREEN AVENUE; on MONTAUK AVENUE, east side, between Pitkin and Belmont aves.; on LIVONIA AVENUE, south side, between Watkins and Osborn streets; on OSBORN STREET, east side, between Livonia and Riverside aves.; on SOMERS STREET, south side, between Rockaway and Stone aves.; on CHAUNCEY STREET, north side, between Ralph and Patchen aves. Area of assessments: Northeast side of Wyckoff ave., between Hart st. and DeKalb ave., Lots 5 and 6, in Block 3238; south side of St. Marks ave., Lot 32, in Block 1230; northwest corner of Glenmore and Schenck aves., Lot 31, in Block 3979; southwest corner of Pilling st. and Evergreen ave., Lot 36, Block 3451; east side of Montauk ave., Lots 10 and 11, Block 4024; Lots 19 and 20, and 13 and 14, in Block 3592; south side of Somers st., Lots 16, 17 and 18, in Block 1542; north side of Chauncey st., Lot 79, in Block 1688.

TWENTY-SIXTH WARD—SECTIONS 5 AND 12.

EAST NEW YORK AVENUE—CURBING, RECURBING AND REPAVING, from Pitkin ave. to Douglas st. Area of assessment: Both sides of East New York ave., from Pitkin ave. to Douglas st., and to the extent of half the block at the intersecting avenues.

TWENTY-SIXTH WARD—SECTION 12.

SUTTER AVENUE—SEWER, from Howard ave. to Grafton st. Area of assessment affects Blocks Nos. 3511, 3512, 3533 and 3534.

TWENTY-SIXTH WARD, SECTION 13.

SEWER BASINS in SHEPHERD AVENUE, at the southeast corner of GLENMORE AVENUE; at the northwest and southeast corners of BELMONT AVENUE; and at the southeast corner of SUTTER AVE. Area of assessments affects Blocks Nos. 4005, 4020, 4037 and 4053.

TWENTY-SEVENTH WARD—SECTION 11.

HART STREET—PAVING, between Irving and Wyckoff aves. Area of assessment: Both sides of Hart st. from Irving to Wyckoff aves., and to the extent of half the block at the intersecting avenues.

TWENTY-NINTH WARD—SECTION 15.

WINTHROP STREET — SEWER, between Nostrand and New York aves. Area of assessment: Both sides of Winthrop st., from Nostrand to New York aves.

TWENTY-NINTH WARD—SECTION 16.

ALBEMARLE ROAD — PAVING, between Nostrand and Bedford aves. Area of assessment: Both sides of Albemarle road from Nostrand ave. to Bedford ave., and to the extent of half the block at the intersecting avenues.

EAST TWENTY-NINTH STREET—REGULATING, GRADING, CURBING AND FLAGGING, between Foster ave. and Avenue F. Area of assessment: Both sides of E. 29th st. from Foster ave. to Farragut road, and to the extent of half the block at the intersecting streets.

THIRTIETH WARD—SECTION 17.

FOURTEENTH AVENUE—PAVING, between 65th st. and Bay Ridge ave. Area of assessment: Both sides of 14th ave. from 65th st. to Bay Ridge ave., and to the extent of half the block at the intersecting and terminating streets.

SEWERS IN SEVENTEENTH AVENUE, between 45th and 46th sts.; between 47th and 48th sts., and between 53d and 54th sts., and OUTLET SEWER in FORTY-FIFTH STREET, between 17th ave. and West st. Area of assessment affects Blocks Nos. 5379, 5430, 5431, 5432, 5433, 5434, 5435, 5404, 5443, 5444, 5612, 5618, 5478 and 5479.

THIRTIETH WARD—SECTION 19.

SEWER in SEVENTEENTH STREET, between 14th and 16th aves., and TRIBUTARY SEWER on both sides of NEW UTRECHT AVENUE, between 69th and 70th sts., and in FIFTEENTH AVENUE, between 69th and 70th sts. Area of assessments affects Blocks Nos. 6157, 6158, 6168 and 6169.

EIGHTY-SIXTH STREET—CURBING AND FLAGGING, between 13th and 15th aves. Area of assessment: Both sides of 86th st., between 13th and 15th aves.

THIRTY-FIRST WARD—SECTION 21.

WEST TWENTY-THIRD STREET—PAVING, from Surf ave. to its southerly end, about 530 feet south of Surf ave. Area of assessment affects Blocks Nos. 7070 and 7071.

THIRTY-SECOND WARD—SECTION 15.

NEW YORK AVENUE—PAVING, between Avenue H and the southerly line of the Flatbush Water Works. Area of assessment: Both sides of New York ave., from Avenue H to the Flatbush Water Works, and to the extent of half the block at the intersecting streets.

—that the same were confirmed by the Board of Assessors on October 31, 1911, and entered October 31, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, 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 30, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when such assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, October 31, 1911. n6,17

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 ACQUIRNG TITLE to the following named avenue in the BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, SECTION 11.

JEROME AVENUE—OPENING, from Cameron place to East One Hundred and Eighty-fourth street. Confirmed October 14, 1911; entered November 2, 1911. 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.:

Bounded on the north by the southerly line of East One Hundred and Eighty-fourth street; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Jerome avenue, the said distance being measured at right angles to the line of Jerome avenue; on the south by the northerly line of Cameron place, and on the west by the easterly line of Jerome avenue.

TWENTY-FOURTH WARD, SECTIONS 12 AND 13.

KINGSBRIDGE AVENUE—OPENING, from West Two Hundred and Thirtieth street to Broadway. Confirmed October 11, 1911; entered November 2, 1911. 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 line bisecting the angle formed by the prolongation of the centre lines of West Two Hundred and Thirty-fourth street and of West Two Hundred and Thirty-sixth street, as laid out between Kingsbridge avenue and Putnam avenue, distant 100 feet easterly from the easterly line of Broadway, the said distance being measured at right angles to the line of Broadway, and running thence westwardly along the said bisecting line to the intersection with a line which bisects the angle formed by the prolongations of the easterly line of Kingsbridge avenue and the westerly line of Broadway, as the said streets are laid out south of West Two Hundred and Thirty-fourth street; thence southwardly along the said line bisecting the angle formed between Kingsbridge avenue and Broadway to the intersection with a line distant 100 feet southwesterly from and parallel with the southwesterly line of West Two Hundred and Thirtieth street, the said distance being measured at right angles to the line of West Two Hundred and Thirtieth street; thence northwestwardly, northeastwardly and northwestwardly and always parallel with and distant 100 feet southwestwardly, northwestwardly and southwestwardly from the southwesterly, northwesterly and southwesterly side of West Two Hundred and Thirtieth street to the intersection of the prolongation of a line midway between Corlear avenue and Tibbett avenue; thence northeastwardly and along the said line always midway between Corlear avenue and Tibbett avenue and along the prolongation of the said line to the intersection with a line passing through the angle point on the easterly side of Corlear avenue, located between West Two Hundred and Thirty-eighth street and West Two Hundred and Fortieth street, having a direction at right angles to the line of Broadway, as laid out north of West Two Hundred and Thirty-eighth street; thence eastwardly along the said course at right angles to Broadway to a point distant 100 feet easterly from the easterly line of Broadway; thence southwardly and always parallel with the easterly line of Broadway and distant 100 feet therefrom to the point or place of beginning.

The above entitled assessments were entered on the date hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides that, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles and Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of 177th st. and 3d ave., 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 January 2, 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, November 2, 1911. n4,16

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, SECTION 9.

UNNAMED STREET—OPENING, located south of Boscobel place, extending from Undercliff avenue to Aqueduct avenue, confirmed October 3, 1911: Entered October 25, 1911. 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 line between the Twenty-third and Twenty-fourth Wards, distant 100 feet northwesterly from the northwesterly line of Lind avenue, the said distance being measured at right angles to the line of Lind avenue, and running thence northeastwardly along a line always distant 100 feet northwesterly from and parallel with the northwesterly lines of Lind avenue and Aqueduct avenue to a point distant 100 feet southwesterly from the southwesterly line of the unnamed street; thence northwestwardly and parallel with the unnamed street and the prolongation thereof to a point distant 100 feet northwesterly from the northwesterly line of Undercliff avenue; thence northeastwardly and always parallel with and distant 100 feet from the northwesterly line of Undercliff avenue to the intersection with the prolongation of a line distant 100 feet northeasterly from and parallel with the northeasterly line of the unnamed street, the said distance being measured at right angles to the line of the unnamed street; thence southeastwardly along the said line parallel with the unnamed street and the prolongation thereof to a point distant 100 feet northwesterly from the northwesterly line of Aqueduct avenue; thence northeastwardly and parallel with Aqueduct avenue to the intersection with the southwesterly line of Boscobel place; thence southeastwardly along the southwesterly line of Boscobel place to a point midway between Ogden avenue and Boscobel avenue; thence southwardly along a line midway between Ogden avenue and Boscobel avenue as laid out immediately adjoining Boscobel place, and along the prolongation of the said line to the intersection with a line at right angles to Ogden avenue as laid out adjacent to Aqueduct avenue, and passing through the angle point on its westerly side immediately southerly therefrom; thence westwardly along the said line at right angles to Ogden avenue to a point distant 100 feet easterly from the easterly line of Merriam avenue; thence southwardly and parallel with Merriam avenue to the intersection with the prolongation of a line midway between Merriam avenue and Ogden avenue as laid out between West One Hundred and Seventieth and West One Hundred and Seventy-first streets; thence southwestwardly along the said line midway between Merriam avenue and Ogden avenue to the intersection with the northeasterly line of West One Hundred and Seventieth street; thence northwestwardly along the northeasterly line of West One Hundred and Seventieth street to the southeasterly line of Merriam avenue; thence westwardly in a straight line to the intersection of the southwesterly line of West One Hundred and Seventieth street with the northwesterly line of Merriam avenue; thence northwestwardly along the southwesterly line of West One Hundred and Seventieth street to the intersection with the prolongation of a line midway between Lind avenue and Merriam avenue as these streets are laid out immediately north of West One Hundred and Sixty-ninth street; thence southwestwardly along the said line midway between Lind avenue and Merriam avenue to the intersection with the line between the Twenty-third and Twenty-fourth Wards; thence westwardly along the said line between the Twenty-third and Twenty-fourth Wards, to the point or place of beginning.

The above-entitled assessment was entered on the day hereinbeore given in the Record of Titles of Assessments kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides 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 and 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 Bureal for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, in the Municipal Building, corner of 177th st. and 3d ave., 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 26, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, October 25, 1911. n2,14

NOTICE TO PROPERTY OWNERS.

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 QUEENS:

FIRST WARD.

PAYNTAR AVENUE—OPENING, from Vernon ave. to Van Alst ave. Confirmed October 11, 1911; entered October 25, 1911. Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz:

One-half the block on each side of the street to be opened, together with the area included between the extension northwestwardly of the lines one-half the block distant from the street to be opened to a line 100 feet northwest of the northwesterly side of Vernon avenue and parallel therewith, and the extension southeastwardly ot the same lines to a line 100 feet southeast of the southeasterly side of Van Alst ave. and parallel therewith.

The above entitled assessment was entered on the day hereinbefore given in the Record of Titles and 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, "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 assessments, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated at the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at 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 23, 1911, will be exempt from interest, as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when the above assessments became liens to the date of payment.

WILLIAM A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, October 24, 1911. o28,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 assessments for LOCAL IMPROVEMENTS in the BOROUGH OF MANHATTAN:

TWELFTH WARD, SECTION 7.

ONE HUNDRED AND FIFTY-FIRST STREET—REGULATING, GRADING, CURBING AND FLAGGING, from Broadway to Riverside drive. Area of assessment: Both sides of 151st street, from Broadway to Riverside drive, and to the extent of half the block at the intersecting streets.

TWELFTH WARD, SECTION 8.

HAVEN AVENUE—REGULATING, GRADING, CURBING, RECURBING, FLAGGING AND REFLAGGING, from its present terminus at 170th street to Fort Washington avenue. Area of assessment: Both sides of Haven avenue, from 170th street to Fort Washington avenue, and to the extent of half the block at the interseting streets.

—that the same were confirmed by the Board of Assessors on October 24, 1911, and entered on October 24, 1911, in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and of Water Rents, and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessments, interest will be collected thereon, as provided in section 1019 of said Greater New York Charter.

Said section provides, in part, "If any such assessment shall remain unpaid for the period of sixty days after the date of entry thereof in the said Record of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of such assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, Room H, 280 Broadway, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 23, 1911, 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 24, 1911. o28,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 assessments for LOCAL IMPROVEMENTS in the BOROUGH OF RICHMOND:

SECOND AND FOURTH WARDS,

SEWERS in CANAL STREET, from the bulkhead, westerly to the west side of Bay street, etc., and from Bay street to a point about 150 feet west of Brook street; in BROAD STREET, from Patten street to Richmond road, and from the intersection of BROAD AND CANAL STREETS to CEDAR STREET, north through Cedar street to Hudson street, etc.; in an UNNAMED STREET, between Gray and Gordon streets, etc.; and in LAUREL AVENUE, from Gordon street to the lands of the Mariners' Family Society; SEWERAGE DISTRICT NO. 3. Area of assessments affects Ward 2, Plots "A," 2, 4 to 14, inclusive; 16, 17, 18, 20, 21 and Hillside Park; Blocks 363, 369, 370, 372, 373, 374, 11, 12, 13 and 16 to 21, inclusive; also Ward 4, Plots 1, 13, 14, 15, 17, 18 and 19.

—the above-entitled assessments were confirmed by the Board of Assessors on October 24, 1911, and entered October 24, 1911, in the Record of Titles and 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 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 assessments, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated at the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Bureau for the Collection of Assessments and of Water Rents, 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 26, 1911, 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 25, 1911. o30,n10

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 AND TWENTY-FOURTH WARDS, SECTIONS 9 AND 11,

BOSCOBEL AVENUE—PAVING THE ROADWAY AND SETTING CURB, from Jerome avenue to Washington Bridge. Area of assessment: Both sides of Boscobel avenue, from Jerome avenue to Washington Bridge, and to the extent of half the block at the intersecting and terminating streets.

TWENTY-FOURTH WARD, SECTION 11,

RECEIVING BASIN at the northeast and southwest corners of SEDGWICK AVENUE AND ONE HUNDRED AND SEVENTY-SEVENTH STREET, and at the southwest corner of SEDGWICK AVENUE AND UNDERCLIFF AVENUE. Area of assessments affects Blocks Nos. 2877, 2879 and 2880.

TWENTY-FOURTH WARD ANNEXED TERRITORY.

CRUGER AVENUE—TEMPORARY SEWER, from a point 128 feet north of Bartholdi street, to a point 225 feet north of Bartholdi street. Area of assessment: Both sides of Cruger avenue, from Bartholdi street to Magenta street.

—that the same were confirmed by the Board of Assessors on October 24, 1911, and entered October 24, 1911, 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 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, in the Municipal Building, corner of 177th st. and 3d ave., 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 23, ments made thereon on or before December 9, 1911, 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 24, 1911. o28,n9

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Graeter 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.

FIFTEENTH AVENUE—SEWER, from Newtown road to Grand avenue. Area of assessment: Affects Blocks Nos. 218, 219, 226 and 227.

—the above-entitled assessment was confirmed by the Board of Assessors on October 24, 1911, and entered October 24, 1911, in the Record of Titles 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 Records of Titles of Assessments, it shall be the duty of the officer authorized to collect and receive the amount of said assessment, to charge, collect and receive interest thereon at the rate of seven per centum per annum, to be calculated to the date of payment, from the date when such assessment became a lien, as provided by section 159 of this act."

Section 159 of this act provides * * * "An assessment shall become a lien upon the real estate affected thereby ten days after its entry in the said record." * * *

The above assessments are payable to the Collector of Assessments and Arrears at the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents, at the Municipal Building, Court House Square, Long Island City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 m., and all payments made thereon on or before December 23, 1911, 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 24, 1911. o28,n9

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 avenue in the BOROUGH OF THE BRONX:

TWENTY-FOURTH WARD, ANNEXED TERRITORY.

TAYLOR STREET—OPENING, from Morris Park ave. to West Farms road. Confirmed October 3, 1911; entered October 26, 1911. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point formed by the intersection of the northerly prolongation of a line parallel to and distant one hundred (100) feet westerly of the westerly line of Van Buren st. and a line parallel to and distant three hundred (300) feet northerly of the northerly line of Morris Park ave.; running thence easterly along said last mentioned parallel line to Morris Park ave., to its intersection with the northerly prolongation of a line parallel to and distant one hundred (100) feet easterly of the easterly line of Fillmore st.; thence southerly along said northerly prolongation and parallel line and its southerly prolongation to its intersection with the northerly line of the New York, New Haven and Hartford Railroad; thence again southerly along a straight line to the point of intersection of a line parallel to and distant one hundred (100) feet southerly of the southerly line of West Farms road with the middle line of the block between Saxe ave. and Cottage Grove ave.; thence westerly along said last mentioned parallel line to its intersection with the middle line of the blocks between Theriot ave. and Saxe ave.; thence southerly along said middle line to its intersection with a line parallel to and distant one hundred (100) feet north of the northerly line of Archer place; thence westerly along said parallel line to its intersection with the middle line of the blocks between Harrison ave. and Theriot ave.; thence southerly along said middle line to its intersection with a line parallel to and distant one hundred (100) feet north of the northerly line of Cornell ave.; thence westerly along said parallel line to its intersection with the middle line of the blocks between Clason Point road and Harrison ave.; thence northerly along said middle line to its intersection with a line parallel to and distant one hundred (100) feet north of the northerly line of Archer place; thence westerly along said parallel line and its westerly prolongation to its intersection with the middle line of the blocks between St. Lawrence ave. and Clason Point road; thence northerly along said middle line to its intersection with a line parallel to and distant one hundred (100) feet southerly of the southerly line of West Farms road; thence westerly along said parallel line to a point midway between Commonwealth ave. and St. Lawrence ave.; thence northerly along a straight line from said point to its intersection with a line parallel to and distant one hundred (100) feet westerly of the westerly line of Van Buren st., where same intersects the northerly line of the New York, New Haven and Hartford Railroad; thence northerly along said last mentioned parallel line and its northerly prolongation to the point or place of beginning.

The above-entitled assessment was entered on the day hereinbefore given in the Record of Titles of Assessments, kept in the Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents and unless the amount assessed for benefit on any person or property shall be paid within sixty days after the date of said entry of the assessment, interest will be collected thereon, as provided by section 1019 of the Greater New York Charter.

Said section provides 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 and 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 Municipal Building, corner of 177th st. and 3d ave., 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 26, 1911, will be exempt from interest as above provided, and after that date will be subject to a charge of interest at the rate of seven per centum per annum from the date when above assessment became a lien to the date of payment.

WM. A. PRENDERGAST, Comptroller, City of New York, Department of Finance, Comptroller's Office, October 26, 1911. o30,n10

DEPARTMENT OF HEALTH.

DEPARTMENT OF HEALTH OF THE CITY OF NEW YORK, SOUTHWEST CORNER OF 55TH ST. AND 6TH AVE., 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 o'clock a. m. on

THURSDAY, NOVEMBER 9, 1911.

FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERECTING ALL THE MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE NEW BOILERS, STEAM AND HOT WATER PIPING, AND OTHER WORK INCIDENTAL THERETO, UPON THE GROUNDS OF THE RIVERSIDE HOSPITAL AT NORTH BROTHER ISLAND, BOROUGH OF THE BRONX, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is one hundred sixty (160) 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 under Classes A and B.

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 55th st. and 6th ave., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., RHINELANDER WALDO, Board of Health.

Dated October 19, 1911. o19,n9

☞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 55TH ST. AND 6TH AVE., 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 o'clock a. m. on

THURSDAY, NOVEMBER 9, 1911.

FOR FURNISHING ALL THE LABOR, AND FURNISHING AND ERECTING ALL THE MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE A NEW BOILER HOUSE EXTENSION AND PIPE TUNNEL SYSTEM, AND OTHER WORK INCIDENTAL THERETO, UPON THE GROUNDS OF THE RIVERSIDE HOSPITAL AT NORTH BROTHER ISLAND, BOROUGH OF THE BRONX, CITY OF NEW YORK.

The time for the completion of the work and the full performance of the contract is one hundred twenty (120) 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 on Classes A and B.

Blank forms and further information may be obtained at the office of the Chief Clerk of the Department of Health, southwest corner of 55th st. and 6th ave., Borough of Manhattan, City of New York.

ERNST J. LEDERLE, Ph.D., President; ALVAH H. DOTY, M.D., RHINELANDER WALDO, Board of Health.

Dated October 19, 1911. o19,n9

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOROUGH OF RICHMOND.

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond at the above office until 12 o'clock m., on

TUESDAY, NOVEMBER 14, 1911,

Borough of Richmond,

1. FOR FURNISHING AND DELIVERING LITHOGRAPHED SHEETS OF THE TOPOGRAPHICAL SURVEY AND LITHOGRAPHED SHEETS OF THE STREET PLAN OF THE BOROUGH OF RICHMOND, AS PER SPECIFICATIONS ATTACHED TO THE CONTRACT.

The time for the completion of the work and the full performance of the contract is before June 30, 1912.

The amount of security required is Six Hundred Dollars ($600).

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire and for a complete job.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, can be obtained upon application therefor at the office of the principal Assistant Engineer. The plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained at the office of the principal Assistant Engineer of the Borough of Richmond, Borough Hall, St. George, S. I.

GEORGE CROMWELL, President.

The City of New York, October 16, 1911.

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☞See General Instructions to Bidders on the last page, last column, of the "City Record."

OFFICE OF THE PRESIDENT OF THE BOROUGH OF RICHMOND, BOROUGH HALL, ST. GEORGE, NEW BRIGHTON, NEW YORK CITY.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond at the above office until 12 o'clock m., on

WEDNESDAY, NOVEMBER 8, 1911,

Borough of Richmond,

1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR CONSTRUCTING A COMBINED SEWER IN WESTERVELT AVENUE, FROM CURTIS PLACE NORTHWARD TO FIFTH STREET, AND A TEMPORARY COMBINED SEWER IN FIFTH STREET, FROM WESTERVELT AVENUE WESTWARD TO THE BROOK, IN THE FIRST WARD OF THE BOROUGH OF RICHMOND, WITH THE NECESSARY APPURTENANCES AND ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the material, and the nature and extent, as near as possible, of the work required, is as follows:

290 linear feet of reinforced concrete sewer of 2 feet 2 inches by 3 feet 3 inches interior diameter, all complete, as per section on plan of the work.

76 linear feet of salt-glazed vitrified pipe sewer of 24 inches interior diameter, all complete, as per section on plan of the work.

160 linear feet of cast-iron pipe sewer, of 24 inches interior diameter, not less than 204 pounds per foot, furnished, laid and calked.

2 reinforced concrete receiving basins with 1¼ inches galvanized wrought iron bars and iron traps, all complete, as shown on plans on file in the office of the Commissioner of Public Works, and connected with the sewer.

4 manholes, complete, as per section on plan of the work.

500 B. M. feet of foundation timber and planking in place and secured.

1,000 B. M. feet of sheeting, retained.

6 cubic yards of concrete, in place.

1 cubic yard of brick masonry.

10 cubic yards of additional excavation.

10 cubic yards of additional filling.

100 square feet of additional reinforcing metal equal and similar to No. 10 expanded metal, furnished and placed.

80 square feet of sidewalk, relaid.

20 linear feet of curb, reset in sand foundation.

20 linear feet of new 5 inches by 16 inches curb, furnished and set in concrete.

45 linear feet of 6-inch vitrified pipe sewer, for extension of house connections, all complete.

72 linear feet of 4-inch cast-iron pipe sewer, not less than 30 pounds per foot, for replacing of house connections across trench, placed and connected.

325 square yards of macadam pavement, restored.

10 square yards of block pavement on concrete foundation, restored.

10 linear feet of 12-inch vitrified culvert pipe, furnished and laid, complete.

The time for the completion of the work and the full performance of the contract is thirty-two days (32).

The amount of security required, Sixteen Hundred Dollars ($1,600).

The contracts must be bid for separately, and bids will be compared and the contract awarded at a lump or aggregate sum for each contract.

Bidders are requested to make their bids or estimates upon the blank form prepared by the President, a copy of which, with the proper envelope in which to enclose the bid, can be obtained upon application therefor at the office of the Engineer. The plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained at the office of the Engineer of the Borough of Richmond, Borough Hall, St. George, S. I.

GEORGE CROMWELL, President.

Dated The City of New York, October 23, 1911.

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☞See General Instructions to Bidders on the last page, last column, of the "City Record."

CHANGE OF GRADE DAMAGE COMMISSION.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF chapter 537 of the Laws of 1893 and the acts amendatory thereof and supplemental thereto, notice is hereby given that meetings of the Commissioners appointed under said acts will be held at the office of the Commission, Room 223, 280 Broadway (Stewart Building), Borough of Manhattan, New York City, on Mondays, Tuesdays and Thursdays of each week, at 2 o'clock p. m., until further notice.

Dated New York City, July 26, 1911.

WILLIAM D. DICKEY, CAMBRIDGE LIVINGSTON, DAVID ROBINSON, Commissioners.

LAMONT MCLAUGHLIN, Clerk.

DEPARTMENT OF EDUCATION.

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 Supplies at the above office of the Department of Education until 3 p. m., on

THURSDAY, NOVEMBER 9, 1911,

FOR FURNISHING AND DELIVERING SPECIAL AND GENERAL SUPPLIES, AS FOLLOWS: DOMESTIC SCIENCE, DRAWING, JANITORS', KINDERGARTEN, MIMEOGRAPH, MISCELLANEOUS, NEOSTYLE, NURSES', PHYSICAL TRAINING, RECORDS, SCIENCE, SEWING, STATIONERY, TYPEWRITING AND WORKSHOP SUPPLIES 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, 1912.

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 classes of items herein contained or hereto annexed, by which the bids will be tested. Award will be made to the lowest bidder on each item or classes of items whose sample is equal to the Board sample submitted for inspection or referred to by catalogue number.

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, corner of Park avenue and 59th street.

PATRICK JONES, Superintendent of School Supplies.

Dated, October 28, 1911. o28,n9

☞See General Instructions to Bidders on the last page, last column, of the "City Record."

BOARD MEETINGS.

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 o'clock p. m.

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

Board of Estimate and Apportionment.

The Board of Estimate and Apportionment meets in the Old Council Chamber (Room 16), City Hall, every Thursday, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

Commissioners of Sinking Fund.

The Commissioners of the Sinking Fund meet in the Meeting Room (Room 16), City Hall, on Wednesdays, at 11 a. m., at call of the Mayor.

HENRY J. WALSH, Deputy Chamberlain, 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.

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 GLEBE AVENUE, from Westchester avenue to Overing avenue; LYON AVENUE, from Zerega avenue to Castle Hill avenue; FRISBY AVENUE, from Zerega avenue to West Farms road; TRATMAN AVENUE, from Zerega avenue to Benson avenue; all of which are in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final reports of the Commissioners of Estimate and of the Commissioner of Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan in The City of New York, on the 14th day of November, 1911, at 10.30 o'clock in forenoon of that day; and that the said final reports have been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of five days, as required by law.

Dated Borough of Manhattan, New York, November 4, 1911.

ROBT. H. BERGMAN, TIMOTHY F. DRISCOLL, Commissioners of Estimate; ROBT. H. BERGMAN, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. n8,13

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to BAYCHESTER AVENUE (although not yet named by proper authority), from West Fourth street to the northerly boundary of Pelham Bay Park at Baychester Station, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, and relative to acquiring title to all the lands and premises required for the purpose of opening BAYCHESTER AVENUE, from Fourth avenue or street and Vernon Parkway East, westerly to White Plains road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE final supplemental and amended report of the Commissioners of Estimate and Assessment in the above-entitled matter will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III., to be held in the County Court House in the Borough of Manhattan in The City of New York, on the 14th day of November, 1911, at 10.30 o'clock in forenoon of that day; and that the said final report 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 8, 1911.

GEORGE M. S. SCHULZ, HENRY B. HEYLMAN, Commissioners of Estimate and Assessment.

JOEL J. SQUIER, Clerk. n8,13

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 KINSELLA STREET, between Matthews (Rose) avenue and Bear Swamp road, and of VAN NEST (COLUMBUS) AVENUE, between West Farms road and Bear Swamp road, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Court-house, in the Borough of Manhattan, City of New York, on the 20th day of November, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Kinsella street, between Matthews (Rose) avenue and Bear Swamp road; and of Van Nest (Columbus) avenue, between West Farms road and Bear Swamp road, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Kinsella Street.

Beginning at point distant 1,215 feet east of the eastern line of White Plains road measured at right angles to the same from a point 195.03 feet south of the southern line of Morris Park avenue.

1. Thence southerly at right angles to Morris Park avenue for 60 feet.
2. Thence easterly deflecting 90 degrees to the left for 677.40 feet.
3. Thence northerly deflecting 98 degrees 18 minutes 20 seconds to the left for 60.64 feet.
4. Thence westerly for 668.64 feet to the point of beginning.

Van Nest Avenue.

Parcel "A."

Beginning at a point in the western line of Taylor street distant 620.08 feet southerly from the intersection of said line with the southern line of Morris Park avenue.

1. Thence southerly along the western line of Taylor street for 60 feet.
2. Thence westerly deflecting 90 degrees to the right for 445.07 feet.
3. Thence southerly deflecting 21 degrees 12 minutes 33 seconds to the left for 53.53 feet.
4. Thence southerly deflecting 1 degree 21 minutes 33 seconds to the right for 392.05 feet; to the northern line of East One Hundred and Eightieth street.
5. Thence westerly along last mentioned line for 60.01 feet.
6. Thence northerly deflecting 91 degrees 03 minutes 10 seconds to the right for 414.82 feet.
7. Thence northerly deflecting 2 degrees 30 minutes 30 seconds to the right for 52.38 feet.
8. Thence easterly for 445.07 feet to the point of beginning.

Parcel "B."

Beginning at a point in the eastern line of Taylor street distant 620.08 feet southerly from the intersection of said line with the southern line of Morris Park avenue.

1. Thence southerly along the eastern line of Taylor street for 60 feet.
2. Thence easterly deflecting 90 degrees to the left for 891.17 feet.
3. Thence easterly deflecting 23 degrees 53 minutes 11 seconds to the right for 88.58 feet; to the western line of White Plains road.
4. Thence northerly along the western line of White Plains road for 60 feet.
5. Thence westerly deflecting 90 degrees to the left for 227.62 feet.
6. Thence southerly deflecting 71 degrees 3 minutes 55 seconds to the left for 69.76 feet.
7. Thence westerly for 740.91 feet to the point of beginning.

Parcel "C."

Beginning at a point in the eastern line of White Plains road distant 470.06 feet southerly from the intersection of said line with the southern line of Morris Park avenue.

1. Thence southerly along the eastern line of White Plains road for 60 feet.
2. Thence easterly deflecting 90 degrees to the left for 1,245.14 feet.
3. Thence northerly deflecting 37 degrees 13 minutes 10 seconds to the left for 41.33 feet.
4. Thence easterly deflecting 37 degrees 13 minutes 10 seconds to the right for 650.99 feet.
5. Thence northerly deflecting 98 degrees 18 minutes 20 seconds to the left for 60.64 feet.
6. Thence westerly deflecting 81 degrees 41 minutes 40 seconds to the left for 735.14 feet.
7. Thence southerly deflecting 90 degrees to the left for 25 feet.
8. Thence westerly for 1,185.14 feet to the point of beginning.

Kinsella street and Van Nest avenue are shown on Section 40 of the Final Maps of the Borough of The Bronx, prepared by the President of the Borough of The Bronx, under authority of Chapter 466 of the Laws of 1901 and amendatory acts, and filed in the office of the President of the Borough of The Bronx on June 28, 1911; in the office of the Register of the County of New York on June 27, 1911, as Map No. 1537, and in the office of the Counsel to the Corporation of The City of New York on or about the same date.

Van Nest avenue is also shown on Section 37 of the Final Maps of the Borough of The Bronx, prepared by the President of the Borough of The Bronx, under authority of Chapter 466 of the Laws of 1901 and amendatory acts, and filed in the office of the President of the Borough of The Bronx on June 21, 1911; in the office of the Register of the County of New York on June 17, 1911, as Map No. 1534; and in the office of the Counsel to the Corporation of The City of New York on June 19, 1911, in pigeonhole 164.

Land required for Kinsella street and Van Nest avenue is located east of the Bronx River.

The Board of Estimate and Apportionment on the 20th day of April, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

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 prolongations of the southeasterly line of Morris Park avenue and northwesterly line of Van Nest avenue, as these streets are laid out between East One Hundred and Eightieth street and Adams street, and running thence northeastwardly along the said bisecting line to the intersection with the prolongation of a line midway between Morris Park avenue and Van Nest avenue as these streets are laid out between Melville street and Taylor street; thence northeastwardly along the said line midway between Morris Park avenue and Van Nest avenue and along the prolongation of the said line to the intersection with the prolongation of a line midway between Morris Park avenue and Van Nest avenue as these streets are laid out between Victor street and White Plains road; thence eastwardly along the said line midway between Morris Park avenue and Van Nest avenue and along the prolongation of the said line to the intersection with a line midway between Barnes avenue and Matthews avenue; thence northwardly along the said line midway between Barnes avenue and Matthews avenue to the intersection with the prolongation of a line midway between Morris Park avenue and Kinsella street; thence eastwardly along the said line midway between Morris Park avenue and Kinsella street and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Bear Swamp road, the said distance being measured at right angles to Bear Swamp road; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Bear Swamp road to the intersection with the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Van Nest avenue as this street is laid out where it adjoins Bear Swamp road on the west, the said distance being measured at right angles to Van Nest avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Van Nest avenue and the prolongation thereof to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the southerly line of Van Nest avenue and the northerly line of Baker avenue as these streets are laid out between Holland avenue and Wallace avenue; thence westwardly along the said bisecting line to the intersection with the easterly line of White Plains road; thence southwestwardly in a straight line to a point on the southwesterly line of Unionport road where it is intersected by the prolongation of a line midway between Mead street and Baker avenue; thence southwestwardly along the said line midway between Mead street and Baker avenue and along the prolongation of the said line to the intersection with the northeasterly line of Van Buren street; thence southwestwardly and parallel with Van Nest avenue as this street is laid out between Adams street and Van Buren street 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 a line distant 100 feet southerly from and parallel with the southerly line of West Farms road as this street is laid out where it adjoins Van Nest avenue, the said distance being measured at right angles to West Farms road; thence westwardly along the said line 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.

Dated New York, November 6, 1911.

ARCHIBALD R. WATSON, Corporation Council, Hall of Records, Borough of Manhattan, City of New York. n6,17

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 FIFTY-SIXTH STREET, from Southern boulevard to Truxton street, and of Truxton street, from Leggett avenue to Longwood avenue, in the Twenty-third Ward, in the Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held at Part III. thereof, in and for the County of New York, in the County Court-house, in the Borough of Manhattan, City of New York, on the 20th day of November, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of East One Hundred and Fifty-sixth street, from Southern boulevard to Truxton street, and of Truxton street, from Leggett avenue to Longwood avenue, in the Twenty-third Ward, in the Borough of The Bronx, City of New York, being the following-described pieces or parcels of land:

East One Hundred and Fifty-sixth Street.

Parcel "A."

Beginning at a point in the western line of Whitlock avenue distant 560 feet southerly from the intersection of said line with the southern line of Longwood avenue.

1. Thence southerly along the western line of Whitlock avenue for 60 feet.
2. Thence westerly deflecting 90 degrees to the right for 200 feet to the eastern line of Southern boulevard.
3. Thence northerly along last-mentioned line for 60 feet.
4. Thence easterly for 200 feet to the point of beginning.

Parcel "B."

Beginning at a point in the eastern line of Whitlock avenue distant 560 feet southerly from the intersection of said line with the southern line of Longwood avenue.

1. Thence southerly along the eastern line of Whitlock avenue for 60 feet.
2. Thence easterly deflecting 90 degrees to the left for 470.75 feet to the western line of Garrison avenue.
3. Thence northerly along last-mentioned line for 60.21 feet.
4. Thence westerly for 465.69 feet to the point of beginning.

Parcel "C."

Beginning at a point in the western line of Barry street distant 507.38 feet southerly from the intersection of said line with the southern line of Longwood avenue.

1. Thence southerly along the western line of Barry street for 60.33 feet.
2. Thence westerly deflecting 83 degrees 59 minutes 40 seconds to the right for 257.99 feet to the easterly line of Garrison avenue.
3. Thence northerly along last-mentioned line for 60.20 feet.
4. Thence easterly for 259.43 feet to the point of beginning.

Parcel "D."

Beginning at a point in the eastern line of Barry street distant 497.44 feet southerly from the intersection of said line with the southern line of Longwood avenue.

1. Thence southerly along the eastern line of Barry street for 60.33 feet.
2. Thence easterly deflecting 96 degrees 00 minutes 20 seconds to the left for 539.99 feet.
3. Thence northerly deflecting 86 degrees 43 minutes 50 seconds to the left for 60.10 feet.
4. Thence westerly for 537.11 feet to the point of beginning.

Truxton Street.

Beginning at a point in the southern line of Longwood avenue distant 515.48 feet easterly from the intersection of said line with the eastern line of Barry street.

1. Thence easterly along the southern line of Longwood avenue for 80.47 feet.
2. Thence southerly deflecting 83 degrees 48 minutes 40 seconds to the right for 854.48 feet to the northern line of Randall avenue.
3. Thence westerly along the northern line of Randall avenue for 99.24 feet to the intersection of said line with the northern line of Leggett avenue.
4. Thence northwesterly along the northern line of Leggett avenue for 7.67 feet.
5. Thence northerly for 931.52 feet to the point of beginning.

East One Hundred and Fifty-sixth street and Truxton street are shown on Section 4 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of The City of New York, on July 18, 1893, in the office of the Register of the City and County of New York on July 12, 1893, as Map No. 355, and in the office of the Secretary of State of the State of New York on July 18, 1893.

East One Hundred and Fifty-sixth street is also shown on Section 3 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of The City of New York on January 18, 1894, in the office of the Register of the City and County of New York on January 19, 1894, as Map No. 355, and in the office of the Secretary of State of the State of New York on January 20, 1894.

The land taken for East One Hundred and Fifty-sixth street and Truxton street is located in Blocks 2729, 2730, 2736 and 2767 of Section 9 of the Land Map of The City of New York.

The Board of Estimate and Apportionment on the 6th day of May, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the centre line of Garrison avenue where it is intersected by a line bisecting the angle formed by the intersection of the prolongations of the northeasterly line of Leggett avenue and the southwesterly line of East One Hundred and Fifty-sixth street, as these streets are laid out between Garrison avenue and Whitlock avenue, and running thence northwestwardly along the said bisecting line to the intersection with a line midway between Southern boulevard and Fox street; thence northeastwardly along the said line midway between Southern boulevard and Fox street to the intersection with a line midway between East One Hundred and Fifty-sixth street and Longwood avenue, as these streets are laid out between Southern boulevard and Fox street; thence southeastwardly along the said line midway between East One Hundred and Fifty-sixth street and Longwood avenue, and along the prolongation of the said line to the intersection with the centre line of Garrison avenue; thence southwestwardly along the centre line of Garrison avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of East One Hundred and Fifty-sixth street and Worthen street, as these streets are laid out between Garrison avenue and Barry street; thence southeastwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Truxton street and Garrison avenue, as these streets are laid out northerly from and adjoining Leggett avenue; thence northeastwardly along the said bisecting line to a point distant 100 feet northeasterly from the northeasterly line of Longwood avenue, the said distance being measured at right angles to Longwood avenue; thence southeastwardly and always distant 100 feet northerly from and parallel with the northerly lines of Longwood avenue and Spofford avenue to the intersection with the prolongation of a line midway between Tiffany street and Casanova street; thence southwardly along the said line midway between Tiffany street and Casanova street and along the prolongation of the said line to the intersection with a line distant 360 feet southeasterly from and parallel with the southeasterly line of Truxton street as this street is laid out between Leggett avenue and Longwood avenue, the said distance being measured at right angles to Truxton street; thence southwestwardly along the said line parallel with Truxton street to a point distant 100 feet southerly from the southerly line of Randall avenue, the said distance being measured at right angles to Randall avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly lines of Randall avenue and Leggett avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Garrison avenue and Truxton street as these streets are laid out northeasterly from and adjoining Leggett avenue; thence northeastwardly along the said bisecting line to the intersection with a line midway between East One Hundred and Fifty-sixth street and Grinnell place; thence northwestwardly along the said line midway between East One Hundred and Fifty-sixth street and Grinnell place to the intersection with the centre line of Garrison avenue; thence southwestwardly along the centre line of Garrison avenue to the point or place of beginning.

Dated New York, November 6, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York, n6,17

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 WHITE PLAINS ROAD, from a point near old Unionport road to a point near Thwaites place, and to the area between Bronx Park East and White Plains road south of the northerly line of Bear Swamp road which has not heretofore been legally acquired, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Court-house, in the Borough of Manhattan, City of New York, on the 20th day of November, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of White Plains road, from a point near old Unionport road to a point near Thwaites place, and to the area between Bronx Park East and White Plains road south of the northerly line of Bear Swamp road which has not heretofore been legally acquired, in the Twenty-fourth Ward, Borough of The Bronx, City of New York, being the following-described pieces or parcels of land:

Parcel "A."

Beginning at a point in the southern line of Bronx and Pelham parkway, distant 362.03 feet easterly from the intersection of said line with the eastern line of White Plains road (as legally opened).

1. Thence easterly along the southern line of Bronx and Pelham parkway for 100.17 feet.
2. Thence southerly deflecting 93 degrees 19 minutes 40 seconds to the right for 2,423.99 feet to the easterly line of White Plains road as legally opened.
3. Thence northwesterly along last-mentioned line for 348.11 feet.
4. Thence northerly for 2,084.74 feet to the point of beginning.

Parcel "B."

Beginning at a point in the eastern line of White Plains road (as legally opened) distant 119.80 feet northeasterly from the intersection of the eastern line of White Plains road with the northeastern line of the Public Place at White Plains road and Bronx and Pelham Parkway North.

1. Thence northeasterly along the eastern line of White Plains road (as legally opened) for 196.43 feet.
2. Thence southerly deflecting 149 degrees 23 minutes 50 seconds to the right for 352.41 feet to the northern line of Bronx and Pelham parkway.
3. Thence westerly along last-mentioned line for 100.17 feet.
4. Thence northerly for 189.15 feet to the point of beginning.

Parcel "C."

Beginning at the intersection of the easterly line of White Plains road as legally acquired November 15, 1900, and the westerly line of White Plains road as about to be acquired.

1. Thence northwesterly along the eastern line of White Plains road (as legally acquired November 15, 1900) for 446.01 feet.
2. Thence southeasterly deflecting 144 degrees 44 minutes 38 seconds to the right for 162.638 feet.
3. Thence southerly for 326.97 feet to the point of beginning.

White Plains road is shown on a map or plan entitled "Map or Plan showing the laying out of White Plains road from the existing White Plains road, near Unionport road to White Plains road near East One Hundred and Ninety-eighth street (Thwaites place) in the Twenty-fourth Ward, Borough of The Bronx, City of New York. Prepared by the President of the Borough of The Bronx under authority of Chapter 466 of the Laws of 1901," which map was filed in the office of the President of the Borough of The Bronx on February 18, 1907, in the office of the Register of the County of New York on February 16, 1907, as Map No. 1160, and in the office of the Counsel to the Corporation of The City of New York on or about the same date in pigeon hole 79.

Additional land required for White Plains road is shown on Section 37 of the Final Maps of the Borough of The Bronx, prepared by the President of the Borough of The Bronx under authority of Chapter 466 of the Laws of 1901 and amendatory acts, which map was filed in the office of the President of the Borough of The Bronx on June 21, 1911, in the office of the Register of the County of New York on June 17, 1911, as Map No. 1534, and in the office of the Counsel to the Corporation of The City of New York on June 19, 1911, in pigeon hole 164.

Land taken for White Plains road is located east of the Bronx River.

The Board of Estimate and Apportionment on the 4th day of May, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the prolongation of a line which is 100 feet northerly from and parallel with the northerly line of Astor avenue as laid out immediately east of Boston road and as shown on Section 31 of the Final Maps of the Borough of The Bronx, distant 100 feet westerly from the westerly line of Bronx Park East, the said distance being measured at right angles to the line of Bronx Park East, and running thence eastwardly along the said line parallel with Astor avenue and the prolongation thereof to the intersection with a line distant 880 feet easterly from and parallel with the easterly line of White Plains road as laid out between Bear Swamp road and Bronx and Pelham parkway, the said distance being measured at right angles to the line of White Plains road; thence southwardly along the said line parallel with White Plains road to the intersection with a line at right angles to the line of White Plains road, and passing through a point on its easterly line distant 300 feet southerly from the angle point south of Bear Swamp road; thence westwardly along the said line at right angles to White Plains road to the intersection with the prolongation of a line distant 466 feet westerly from and parallel with the easterly line of Bronx Park East as laid out between White Plains road and Boston road, the said distance being measured at right angles to the line of Bronx Park East; thence along the said line parallel with Bronx Park East and the prolongation thereof to the intersection with a line parallel with Bronx Park East as laid out northerly from Pelham Parkway North, and passing through the point of beginning; thence northwardly and parallel with Bronx Park East to the point or place of beginning.

Dated New York, November 6, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n6,17

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of ADAMS STREET, from Berrian street to the northerly line of the right of way of the N. Y., N. H. & H. R. R.; of MELVILLE STREET, from Morris Park avenue to the northerly line of the right of way of the N. Y., N. H. & H. R. R.; of VAN BUREN STREET, from Morris Park avenue to the northerly line of the right of way of the N. Y., N. H. & H. R. R., in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Court-house, in the Borough of Manhattan, City of New York, on the 20th day of November, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of Adams street, from Berrian street to the northerly line of the right of way of the N. Y., N. H. & H. R. R.; of Melville street, from Morris Park avenue to the northerly line of the right of way of the N. Y., N. H. & H. R. R.; of Van Buren street, from Morris Park avenue to the northerly line of the right of way of the N. Y., N. H. & H. R. R., in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, being the following-described pieces or parcels of land:

Adams Street.

Parcel "A."

Beginning at a point in the western line of Morris Park avenue distant 277.40 feet northerly from the intersection of said line with the northern line of East One Hundred and Eightieth street.

1. Thence northerly along the western line of Morris Park avenue for 61.68 feet.
2. Thence northwesterly deflecting 77 degrees 00 minutes 56 seconds to the left for 479.27 feet.
3. Thence southwesterly curving to the left on the arc of a circle of 560 feet radius for 60.57 feet, the radius of said circle drawn westerly from the northern extremity of the preceding course deflects 4 degrees 35 minutes 4 seconds to the left from the prolongation of said course.
4. Thence southeasterly for 485.01 feet to the point of beginning.

Parcel "B."

Beginning at a point in the eastern line of Morris Park avenue distant 248.32 feet northerly from the intersection of said line with the northern line of East One Hundred and Eightieth street.

1. Thence northerly along the eastern line of Morris Park avenue for 60.02 feet.
2. Thence southeasterly deflecting 88 degrees 26 minutes 34 seconds to the right for 257.05 feet.
3. Thence southeasterly deflecting 20 degrees 47 minutes 30 seconds to the right for 281.09 feet.
4. Thence southeasterly deffecting 4 degrees 21 minutes 31 seconds to the right for 65.78 feet.
5. Thence southeasterly deflecting 4 degrees 21 minutes 31 seconds to the left for 266.66 feet to the north line of land acquired for East One Hundred and Eightieth street.
6. Thence southwesterly along said line for 50.0 feet.
7. Thence northwesterly deflecting 90 degrees to the right for 248.61 feet.
8. Thence northwesterly deflecting 4 degrees 36 minutes 41 seconds to the left for 62.18 feet
9. Thence northwesterly deflecting 4 degrees 36 minutes 41 seconds to the right for 291.74 feet.
10. Thence northwesterly for 247.67 feet to the point of beginning.

Melville Street.

Beginning at a point in the eastern line of Morris Park avenue distant 874.76 feet northerly from the intersection of said line with the northern line of East One Hundred and Eightieth street.

1. Thence northeasterly along the eastern line of Morris Park avenue for 50.16 feet.
2. Thence southeasterly deflecting 90 degrees to the right for 1,174.09 feet.
3. Thence westerly deflecting 102 degrees 8 minutes 52 seconds to the right for 51.15 feet.
4. Thence northwesterly for 1,159.94 feet to the point of beginning.

Van Buren Street.

Beginning at a point in the eastern line of Morris Park avenue distant 611.52 feet northerly from the intersection of said line with the northern line of East One Hundred and Eightieth street.

1. Thence northerly along the eastern line of Morris Park avenue for 52.96 feet.
2. Thence southeasterly deflecting 109 degrees 14 minutes 4 seconds to the right for 1,056.70 feet.
3. Thence westerly deflecting 102 degrees 8 minutes 52 seconds to the right for 51.15 feet.
4. Thence northwesterly for 1,028.49 feet to the point of beginning.

Adams street, Melville street and Van Buren street, are shown on Section 37 of the Final Maps of the Borough of The Bronx, prepared by the President of the Borough of The Bronx under authority of Chapter 466 of the Laws of 1901, and amendatory acts, and filed in the office of the President of the Borough of The Bronx on June 21, 1911, in the office of the Register of the County of New York on June 17, 1911, as Map No. 1534, and in the office of the Counsel to the Corporation of The City of New York on June 19, 1911, in pigeon-hole 164.

Land taken for Adams street, Melville street and Van Buren street is located east of the Bronx River.

The Board of Estimate and Apportionment on the 21st day of May, 1909, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the northerly property line of the New York, New Haven and Hartford Railroad Company, distant 100 feet westerly from the prolongation of the westerly line of Adams street, the said distance being measured at right angles to Adams street and running thence northwardly and always distant 100 feet westerly from and parallel with the westerly line of Adams street to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the westerly line of Adams street and the easterly line of East One Hundred and Eightieth street as these streets are laid out between Morris Park avenue and Berrian street; thence northwestwardly along the said bisecting line to a point distant 100 feet northwesterly from the northwesterly line of Berrian street, the said distance being measured at right angles to Berrian street; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Berrian street to the intersection with the prolongation of a line distant 250 feet northeasterly from and parallel with the northeasterly line of Adams street as laid out immediately adjoining Berrian street, the said distance being measured at right angles to Adams street; thence southeastwardly along the said line parallel with Adams street and along the prolongation of the said line to a point distant 100 feet northwesterly from the northwesterly line of Morris Park avenue, the said distance being measured at right angles to Morris Park avenue; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Morris Park avenue to the intersection with the prolongation of a line midway between Melville street and Taylor street; thence southwardly along the said line midway between Melville street and Taylor street and along the prolongation of the said line to the northerly property line of the New York, New Haven & Hartford Railroad Company; thence westwardly along the said property line to the point or place of beginning.

Dated New York, November 6, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n6,17

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 BLONDELL AVENUE, from Barlow street to Westchester avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, as shown upon a map or plan adopted by the Board of Estimate and Apportionment February 23, 1911, and approved by the Mayor March 6, 1911, being the following described pieces or parcels of land:

Beginning at a point in the northwesterly line of Westchester avenue distant 123.04 feet easterly from the intersection of said line with the northern line of West Farms road.

1. Thence easterly along the northwestern line of Westchester avenue for 60.40 feet.
2. Thence northerly deflecting 83 degrees 25 minutes 45 seconds to the left for 986.48 feet.
3. Thence northerly deflecting 2 degrees 01 minutes 03 seconds to the right for 60.68 feet.
4. Thence northwesterly deflecting 8 degrees 35 minutes 18 seconds to the left for 741.77 feet.
5. Thence northerly deflecting 6 degrees 23 minutes 51 seconds to the right for 142.42 feet.
6. Thence northwesterly deflecting 10 degrees 50 minutes 04 seconds to the left for 313.09 feet.
7. Thence southwesterly deflecting 93 degrees 05 minutes 40 seconds to the left for 80.12 feet.
8. Thence southeasterly deflecting 86 degrees 54 minutes 20 seconds to the left for 350.15 feet.
9. Thence southeasterly deflecting 4 degrees 02 minutes 44 seconds to the right for 101.02 feet.
10. Thence southeasterly deflecting 0 degrees 23 minutes 29 seconds to the left for 734.84 feet.
11. Thence southerly deflecting 8 degrees 57 minutes 32 seconds to the right for 60.74 feet.
12. Thence southerly for 986.48 feet to the point of beginning.

Blondell avenue is shown on a map or plan entitled: "Map or plan showing the change of lines and the grades in the area bounded by Barlow street, Eastchester road, Blondell avenue, Westchester avenue, Walker avenue, Silver street, Roselle street, Poplar street and Williamsbridge road, in the Twenty-fourth Ward, Borough of The Bronx, City of New York. Prepared by the President of the Borough of The Bronx under authority of Chapter 466 of the Laws of 1901." Which map was filed in the Office of the President of the Borough of The Bronx, on May 23, 1911, in the Office of the Register of the County of New York, on May 13, 1911, as Map No. 1519; and in the Office of the Counsel to the Corporation of The City of New York, on or about the same date in pigeon hole 160.

Land required for Blondell avenue is located East of the Bronx River.

The Board of Estimate and Apportionment on the 18th day of May, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southeasterly right-of-way line of the New York, New Haven and Hartford Railroad, where it is intersected by the prolongation of a line distant 250 feet northeasterly from and parallel with the northeasterly line of Blondell avenue as this street is laid out between Barlow street and Eastchester road, the said distance being measured at right angles to Blondell avenue, and running thence southeastwardly along a line always distant 250 feet northeasterly from and parallel with the northeasterly line of Blondell avenue and the prolongations thereof to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Westchester avenue as this street is laid out where it adjoins Blondell avenue, the said distance being measured at right angles to Westchester avenue; thence southwestwardly along the said line parallel with Westchester avenue and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet southwesterly from and parallel with the southwesterly line of Blondell avenue as this street is laid out between Westchester avenue and Fink avenue, and said distance being measured at right angles to Blondell avenue; thence northwestwardly along the said line parallel with Blondell avenue and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northeasterly line of Williamsbridge road and the southwesterly line of Blondell avenue as these streets are laid out between St. Raymond avenue and Halperin avenue; thence northwestwardly along the said bisecting line to the intersection with a line distant 100 feet southeasterly from and parallel with the southeasterly line of Eastchester road as this street is laid out between Williamsbridge road and Blondell avenue, the said distance being measured at right angles to Eastchester road; thence southwestwardly along the said line parallel with Eastchester road to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northeasterly line of Williamsbridge road and the southwesterly line of Jarrett place; thence northwestwardly along the said bisecting line to the intersection with the southeasterly right-of-way line of the New York, New Haven and Hartford Railroad; thence northeastwardly along the said right-of-way line to the point or place of beginning.

Dated New York, November 6, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n6,17

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 NINETIETH STREET (St. James street), from Jerome avenue to Creston avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, First Department, at a Special Term thereof, to be held in Part III. thereof, in and for the County of New York, in the County Court-house, in the Borough of Manhattan, City of New York, on the 20th day of November, 1911, at the opening of Court on that day, or as soon thereafter as counsel can be heard, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title in

fee by The City of New York, for the use of the public, to all the lands and premises, together with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of East One Hundred and Ninetieth street (St. James street), from Jerome avenue to Creston avenue, in the Twenty-fourth Ward, in the Borough of The Bronx, City of New York, being the following described pieces or parcels of land:

Parcel "A."

Beginning at a point in the northwestern line of Morris avenue distant 349.96 feet northeasterly from the intersection of said line with the northeasterly line of Fordham road.

1. Thence northeasterly along the northwestern line of Morris avenue for 60.01 feet.
2. Thence northwesterly deflecting 90 degrees 51 minutes 00 seconds to the left for 260.03 feet to the southeasterly line of Jerome avenue.
3. Thence southwesterly along last-mentioned line for 60.01 feet.
4. Thence southeasterly for 260.03 feet to the point of beginning.

Parcel "B."

Beginning at a point in the southeastern line of Morris avenue distant 350.08 feet northeasterly from the intersection of said line with the northeasterly line of Fordham road.

1. Thence northeasterly along the southeastern line of Morris avenue for 60.01 feet.
2. Thence southeasterly deflecting 89 degrees 9 minutes 00 seconds to the right for 306.58 feet to the northwestern line of Creston avenue.
3. Thence southwesterly along last-mentioned line for 84.33 feet.
4. Thence northerly deflecting 140 degrees 55 minutes 57 degrees to the right for 32.76 feet.
5. Thence northwesterly for 290.29 feet to the point of beginning.

East One Hundred and Ninetieth street, from Jerome avenue to Creston avenue, is shown on Sections 16 and 17 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards, which maps were filed respectively as follows: In the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, of The City of New York, on November 18, 1895, and December 27, 1895; in the office of the Register of The City and County of New York on November 18, 1895, as Map No. 1062, and on December 28, 1895, as Map No. 1066, and in the office of the Secretary of State of the State of New York on November 20, 1895, and December 28, 1895.

Land taken for East One Hundred and Ninetieth street is located in Blocks 3174, 3175, 3189 and 3190 of Section 11 of the Land Map of The City of New York.

The Board of Estimate and Apportionment on the 12th day of January, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Bounded on the northwest by a line distant 100 feet northwesterly from and parallel with the northwesterly line of Jerome avenue, the said distance being measured at right angles to the line of Jerome Avenue; on the southwest by a line which bisects the angle formed by the prolongations of the northeasterly line of Fordham road and the southwesterly line of East One Hundred and Ninetieth street as laid out between Jerome avenue and Morris avenue; on the southeast by a line which is always 100 feet southeasterly from and parallel with the southeasterly line of Creston avenue, the said distance being measured at right angles to the line of Creston avenue; on the northeast by a line which bisects the angle formed by the prolongations of the northeasterly line of East One Hundred and Ninetieth street and the southwesterly line of East One Hundred and Ninety-first street as laid out between Creston avenue and Morris avenue.

Dated New York, November 6, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n6,17

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the opening and extending of BRONX BOULEVARD (although not yet named by proper authority), from Old Boston Post road to East 242d street (Demilt avenue), in the 24th Ward, Borough of The Bronx, City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our supplemental and amended estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 21st day of November, 1911, 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 27th day of November, 1911, at 10 o'clock a. m.

Second—That the abstracts of our said supplemental and amended estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, proofs and other documents used by us in making the same, have been deposited in the Bureau of Street Openings in the Law Department of The City of New York, Nos. 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 25th day of November, 1911.

Third—That the limits of our assessment for benefit include all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of The Bronx, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point formed by the intersection of the northerly boundary line of The City of New York, with a line parallel to and distant 500 feet westerly from the westerly line of Webster avenue; running thence southerly along said line parallel to Webster avenue to its intersection with a line midway between Mosholu Parkway North and Woodlawn road. Thence southeasterly along said line and its southeasterly prolongation to its intersection with a line parallel to and distant 1,500 feet westerly from the westerly line of the Bronx boulevard; thence southerly along said parallel line to the Bronx boulevard and its southerly prolongation to its intersection with a line parallel to and distant 100 feet southerly from the southerly line of West Farms road; thence easterly along said parallel line to West Farms road to its intersection with the southerly prolongation of a line parallel to and distant 100 feet easterly from the easterly line of Barnes avenue; thence northerly along said last-mentioned southerly prolongation and parallel line and its northerly prolongation to its intersection with the northerly boundary line of The City of New York; thence westerly, southerly, and again westerly along the said boundary line of The City of New York to the point or place of beginning.

Fourth—That, provided there be no objections filed to either of said supplemental and amended abstracts, our final report herein will be presented for confirmation to the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part III, to be held in the County Court House in the Borough of Manhattan, in The City of New York, on the 23d day of January, 1912, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to either of said supplemental and amended 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 23, 1911.

JAMES A. DONNELLY, Chairman, S. DUNCAN MARSHALL, FRANK H. BECKER, Commissioners.

JOEL J. SQUIER, Clerk. n1,18

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of GLOVER STREET (Grace avenue) from Castle Hill avenue to Westchester avenue, and DORIS STREET (or avenue) from Glebe avenue to Westchester avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE supplemental and additional bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan, in The City of New York, on the 14th day of November, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereaftetr as counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated, Borough of Manhattan, New York, October 31, 1911.

GERALD MORRELL, DAVID J. CASSIDY, TIMOTHY E. COHALAN, Cimmissioners of Estimate; TIMOTHY E. COHALAN, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. o31,n11

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title wherever the same has not been heretofore acquired for the same purpose in fee to the lands, tenements and hereditaments required for the opening and extending of ST. GEORGE'S CRESCENT, between East 206th street and Van Cortlandt avenue, in the Twenty-fourth Ward, Borough of The Bronx, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, First Department, at a Special Term thereof, Part I, to be held at the County Court House in the Borough of Manhattan in The City of New York, on the 10th day of November, 1911, at 10.30 o'clock in forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated Borough of Manhattan, New York, October 27, 1911.

DOMINIC O'REILLY, BERNARD HARTMAN, ANTHONY STUMPF, Commissioners of Estimate; DOMINIC O'REILLY, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. o27,n8

FIRST DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wnerever 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 GILBERT PLACE, from Hunts Point road to Faile street, in the Twenty-third 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, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of November, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 16th day of November, 1911, at 11 o'clock a. 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, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 15th day of November, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 16th day of November, 1911, at 12.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 7th day of May, 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.:

Bounded on the north by a line midway between Gilbert place and Seneca avenue, and by the prolongations of the said line; on the east by a line midway between Faile street and Bryant avenue; on the south by a line midway between Gilbert place and Lafayette avenue, and by the prolongation of the said line; and on the west by a line midway between Manida street and Hunt's Point road.

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, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 16th day of November, 1911.

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 15th day of December, 1911, 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 24, 1911.

LOUIS D. GIBBS, Chairman; MAX BENDIT, JAMES F. DONNELLY, Commissioners of Estimate; MAX BENDIT, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. o26,n13

SUPREME COURT—SECOND DEPARTMENT.

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending THATFORD AVENUE, from Riverdale avenue to Stanley avenue, and OSBORN STREET, from Riverdale avenue to Vienna avenue, in the Twenty-sixth and Thirty-second Wards, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 21st day of November, 1911, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissoiners of Estimate and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Thatford avenue, from Riverdale avenue to Stanley avenue, and Osborn street, from Riverdale avenue to Vienna avenue, in the Twenty-sixth and Thirty-second Wards, Borough of Brooklyn, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Thatford Avenue.

Beginning at the intersection of the north line of Riverdale avenue with the west line of Thatford avenue, as the same are laid out on the map of the City;

1. Thence easterly along the north line of Riverdale avenue 60.0 feet;
2. Thence southerly deflecting 90 degrees 0 feet 00 inches to the right 3,020.0 feet to the south line of Stanley avenue;
3. Thence westerly along the south line of Stanley avenue 60.0 feet;
4. Thence northerly 3,020.0 feet to the point of beginning.

Osborn Street.

Beginning at the intersection of the north line of Riverdale avenue with the west line of Osborn street as the same are laid out on the map of the City;

1. Thence easterly along the north line of Osborn street 60.0 feet;
2. Thence southerly deflecting 90 degrees 0 fet 00 inches to the right 2,450.0 feet to the south line of Vienna avenue;
3. Thence westerly along the south line of Vienna avenue 60.0 feet;
4. Thence northerly 2,450.0 feet to the point of beginning.

The Board of Estimate and Apportionment, on the 26th day of January, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on a line midway between Rockaway avenue and Thatford avenue, distant 100 feet northerly from the northerly line of Riverdale avenue and running thence eastwardly and parallel with Riverdale avenue to the interseetion with a line midway between Osborn street and Watkins street; thence southwardly along the said line midway between Osborn street and Watkins street to a point distant 100 feet southerly from the southerly line of Vienna avenue; thence westwardly and parallel with Vienna avenue to the intersection with a line midway between Thatford avenue and Osborn street; thence southwardly along the said line midway betweenThatford avenue and Osborn street to a point distant 100 feet southerly from the southerly line of Stanley avenue; thence westwardly and parallel with Stanley avenue to the intersection with a line midway between Rockaway avenue and Thatford avenue; thence northwardly along the said line midway between Rockaway avenue and Thatford avenue to the point or place of beginning.

Dated, New York, November 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending CHESTER AVENUE, from Church avenue to Fort Hamilton avenue, in the Twenty-ninth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 21st day of November, 1911, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate, and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Chester avenue, from Church avenue to Fort Hamilton avenue, in the Twenty-ninth Ward, Borough of Brooklyn, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the south line of Fort Hamilton parkway with the west line of Chester avenue as the same are laid out on the map of the City;

1. Thence easterly along the south line of Fort Hamilton parkway 70.0 feet;
2. Thence southerly deflecting 89 degrees 58 feet 41 inches to the right 1,722.48 feet to the south line of Church avenue;
3. Thence westerly along the south line of Church avenue 70.03 feet;
4. Thence northerly 1,724.63 feet to the point of beginning.

The Board of Estimate and Apportionment, on the 9th day of March, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the centre line of Thirty-sixth street, where it is intersected by the prolongation of a line distant 100 feet westerly from and parallel with the westerly line of Chester avenue, the said distance being measured at right angles to Chester avenue, and running thence northwardly along the said line parallel with Chester 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 Thirty-sixth street and the westerly line of Chester avenue, as these streets are laid out between Tehama street and Clara street; thence northwardly along the said bisecting line to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Fort Hamilton avenue, the said distance being measured at right angles to Fort Hamilton avenue; thence eastwardly along the said line parallel with Fort Hamilton avenue to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Chester avenue and the westerly line of West street, as these streets are laid out between Tehama street and Clara street; thence southwardly along the said bisecting line to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Church avenue, the said distance being measured at right angles to Church avenue; thence westwardly along the said line parallel with Church avenue and along the prolongation of the said line to the intersection with the centre line of Thirty-sixth street; thence northwardly along the centre line of Thirty-sixth street to the point or place of beginning.

Dated, New York, November 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n8,18

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 Halletts Cove to Hell Gate, East River, in the First Ward, Borough of Queens, in 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 Halletts Cove, East River, pursuant to a resolution of the Board of Estimate and Apportionment adopted April 19, 1907.

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 supplemental and amended 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, in the Borough of Queens, in The City of New York, on or before the 28th day of November, 1911, 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 1st day of December, 1911, at 3 o'clock p. m.

Second—That the abstracts of our said supplemental and amended 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 1st day of December, 1911.

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 northerly line of Fulton avenue, where the centre line of the block between Halsey street and Boulevard intersects the said northerly line of Fulton avenue; running thence northerly along the centre lines of the blocks lying between Halsey street and Boulevard to the United States bulkhead and pierhead line of the East River; thence in a westerly direction along the said United States bulkhead and pierhead line, as shown on the draft damage map in this proceeding, to a point where the said United States bulkhead and pierhead line would intersect the centre line of the block between Munson street and Halsey street, if projected; thence southerly along the last-named line, it being the centre line of the blocks between Munson street and Halsey street, to the northerly side of Fulton avenue; thence easterly along the said northerly line of said Fulton avenue to the point or place of beginning.

For the purposes of this description and the assessment, the centre line of the Boulevard is to be considered as continuing to the United States bulkhead and pierhead line above mentioned.

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 22d day of December, 1911, at the opening of the Court on that day.

Fifth—In case, however, objections are filed to any of said abstracts of supplemental and amended 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 pro-

ceeding, 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, November 2, 1911.

HENRY P. TITUS, Chairman; JAS. A. GRAY, RUDOLPH L. HORAK, Commissioners.

JOSEPH J. MYERS, Clerk. n8,24

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the land and premises required for the purpose of opening and extending WEST THIRTY-SECOND STREET, from Neptune avenue to the mean high water line of the Atlantic Ocean; of WEST THIRTY-THIRD STREET, from Neptune avenue to Surf avenue, and of WEST THIRTY-FIFTH STREET, from Canal avenue to Surf avenue; and of WEST THIRTY-SIXTH STREET, from Canal avenue to Surf avenue, excepting in each case the right-of-way of the New York and Coney Island Railroad, in the Thirty-First Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 21st day of November, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of West Thirty-second street, from Neptune avenue to the mean high water line of the Atlantic Ocean; of West Thirty-third street, from Neptune avenue to Surf avenue; of West Thirty-fifth street, from Canal avenue to Surf avenue and of West Thirty-sixth street, from Canal avenue to Surf avenue, excepting in each case the right-of-way of the New York and Coney Island Railroad, in the Thirty-first Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

West Thirty-second Street.

Parcel "A."

Beginning at the intersection of the south line of Canal avenue with the West line of West Thirty-second street, as the same are laid out on the map of the City.

1. Thence easterly along the south line of Neptune avenue 60 feet.
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 1,340 feet to the north line of the right-of-way of the New York and Coney Island Railroad.
3. Thence westerly deflecting 89 degrees 59 minutes 30 seconds to the right along the north line of the New York and Coney Island Railroad 60 feet.
4. Thence northerly 1,340 feet to the point of beginning.

Parcel "B."

Beginning at a point on the west line of West Thirty-second street, distant 206.80 feet northerly from the intersection of the north line of Surf avenue with the west line of West Thirty-second street, as the same are laid out on the Map of the City; the said point being on the south line of the right-of-way of the New York and Coney Island Railroad.

1. Thence easterly along the south line of the right-of-way of the New York and Coney Island Railroad 60 feet.
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 218.27 feet to the north line of Surf avenue.
3. Thence westerly along the north line of Surf avenue 61.09 feet.
4. Thence northerly 206.80 feet to the point of beginning.

Parcel "C."

Beginning at the intersection of the south line of Surf avenue with the east line of West Thirty-second street, as the same are laid out on the map of the City.

1. Thence southerly in a straight prolongation of the east line of West Thirty-second street, as the same are laid out northerly from Surf avenue, to the mean high water line of the Atlantic Ocean.
2. Thence westerly, northerly and westerly along the mean high water line of the Atlantic Ocean 91 feet, more or less.
3. Thence northerly and parallel with course number one to the south line of Surf avenue.
4. Thence easterly along the south line of Surf avenue 61.03 feet to the point of beginning.

West Thirty-third Street.

Parcel "A."

Beginning at the intersection of the south line of Neptune avenue with the west line of West Thirty-third street, as the same are laid out on the map of the City.

1. Thence easterly along the south line of Neptune avenue 60 feet.
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 1,340 feet to the north line of the right-of-way of the New York and Coney Island Railroad.
3. Thence westerly deflecting 89 degrees 59 minutes 30 seconds to the right along the north line of the right-of-way of the New York and Coney Island Railroad 60 feet.
4. Thence northerly 1,340 feet to the point of beginning.

Parcel "B."

Beginning at a point on the west line of West Thirty-third street, distant 138.37 feet northerly from the intersection of the north line of Surf avenue with the west line of West Thirty-third street, as the same are laid out on the Map of the City; the said point being on the south line of the right-of-way of the New York and Coney Island Railroad.

1. Thence easterly along the south line of the right-of-way of the New York and Coney Island Railroad 60 feet.
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 153.73 feet to the north line of Surf avenue.
3. Thence westerly along the north line of Surf avenue 61.93 feet.
4. Thence northerly 138.37 feet to the point of beginning.

West Thirty-fifth Street.

Parcel "A."

Beginning at the intersection of the north line of Canal avenue with the west line of West Thirty-fifth street, as the same are laid out on the Map of the City.

1. Thence easterly along the north line of Canal avenue 60 feet.
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 2,168.20 feet; to the north line of the right-of-way of the New York and Coney Island Railroad.
3. Thence westerly along the north line of the right-of-way of the New York and Coney Island Railroad 60.28 feet.
4. Thence northerly 2,162.52 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the north line of Surf avenue with the east line of West Thirty-fifth street, as the same are laid out on the Map of the City.

1. Thence westerly along the north line of Surf avenue 63.07 feet.
2. Thence northerly deflecting 71 degrees 41 minutes 15 seconds to the right from a line tangent to the north line of Surf avenue and passing through the last-mentioned point 57.27 feet to the south line of the right-of-way of the New York and Coney Island Railroad.
3. Thence easterly along the south line of the right-of-way of the New York and Coney Island Railroad 60.26 feet.
4. Thence southerly 71.27 feet to the point of beginning.

West Thirty-sixth Street.

Parcel "A."

Beginning at the intersection of the north line of Canal avenue with the west line of West Thirty-sixth street, as same are laid out on the Map of the City.

1. Thence easterly along the north line of Canal avenue 60 feet.
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 2,099.75 feet to the north line of the right-of-way of the New York and Coney Island Railroad.
3. Thence westerly along the north line of the right-of-way of the New York and Coney Island Railroad 65.88 feet.
4. Thence northerly 2,072.58 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the north line of Surf avenue with the east line of West Thirty-sixth street, as the same are laid out on the map of the City.

1. Thence westerly along the north line of Surf avenue 64.54 feet.
2. Thence northerly deflecting 68 degrees 00 minutes 35 seconds to the right from a line tangent to the north line of Surf avenue and passing through the last-mentioned point 33.84 feet to the south line of the right-of-way of the New York and Coney Island Railroad.
3. Thence easterly along the south line of the right-of-way of the New York and Coney Island Railroad 65.34 feet.
4. Thence southerly 31.78 feet to the point of beginning.

The Board of Estimate and Apportionment on the 9th day of March, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southerly bulkhead line of Gravesend Bay where it is intersected by the prolongation of a line midway between West Thirty-sixth street and West Thirty-seventh street, and running thence eastwardly along the said bulkhead line to the intersection with the prolongation of a line midway between West Thirty-third street and West Thirty-fifth street; thence southwardly along the said line midway between West Thirty-third street and West Thirty-fifth street, and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Neptune avenue; thence eastwardly and parallel with Neptune avenue to the intersection with a line midway between West Thirty-first street and West Thirty-second street; thence southwardly along the said line midway between West Thirty-first street and West Thirty-second street, and along the prolongation of the said line to the intersection with the mean high-water line of the Atlantic Ocean; thence westwardly along the mean high-water line of the Atlantic Ocean to the intersection with the prolongation of a line midway between West Thirty-sixth street and West Thirty-seventh street; thence northwardly along the said line midway between West Thirty-sixth street and West Thirty-seventh street, and along the prolongations of the said line to the point or place of beginning.

Dated New York, November 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending WEST TWENTY-EIGHTH STREET, from Neptune avenue to Surf avenue, WEST TWENTY-NINTH STREET, from Neptune avenue to Surf avenue; WEST THIRTIETH STREET, from Neptune avenue to the mean highwater line of the Atlantic Ocean; WEST THIRTY-FIRST STREET, from Neptune avenue to Surf avenue, excluding in each case the right of way of the New York and Coney Island Railroad, in the Thirty-first Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 21st day of November, 1911, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of three Commissioners of Estimate, one of whom shall be appointed Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of West Twenty-eighth street, from Neptune avenue to Surf avenue; West Twenty-ninth street, from Neptune avenue to Surf avenue; West Thirtieth street, from Neptune avenue to the mean highwater line of the Atlantic Ocean; West Thirty-first street, from Neptune avenue to Surf avenue, excluding in each case the right of way of the New York and Coney Island Railroad, in the Thirty-first Ward, Borough of Brooklyn, City of New York, being the following-described lots, pieces or parcels of land, viz.:

West Twenty-eighth Street.

Parcel "A."

Beginning at the intersection of the south line of Neptune avenue with the west line of West Twenty-eighth street, as the same are laid out on the map of the City;

1. Thence easterly along the south line of Neptune avenue 60.0 feet;
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 1,340.0 feet to the north line of the right-of-way of the New York and Coney Island Railroad;
3. Thence westerly deflecting 89 degrees 59 minutes 30 seconds to the right along the north line of the right-of-way of the New York and Coney Island Railroad 60.0 feet;
4. Thence northerly 1,340.0 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the north line of Surf avenue with the east line of West Twenty-eighth street, as the same are laid out on the map of the City;

1. Thence westerly along the north line of Surf avenue 60.09 feet;
2. Thence northerly deflecting 92 degrees 42 minutes 36 seconds to the right from a line tangent to the north line of Surf avenue and passing through the last-mentioned point 312.70 feet to the south line of the right-of-way of the New York and Coney Island Railroad;
3. Thence easterly along the south line of the right-of-way of the New York and Coney Island Railroad 60.70 feet;
4. Thence southerly 318.65 feet to the point of beginning.

West Twenty-ninth Street.

Parcel "A."

Beginning at the intersection of the south line of Neptune avenue with the west line of West Twenty-ninth street, as the same are laid out on the map of the City;

1. Thence easterly along the south line of Neptune avenue 60.0 feet;
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 1,339.86 feet to the north line of the right-of-way of the New York and Coney Island Railroad;
3. Thence westerly along the north line of the right-of-way of the New York and Coney Island Railroad 23.09 feet;
4. Thence westerly and still along the north line of the right-of-way of the New York and Coney Island Railroad 36.91 feet;
5. Thence northerly 1,340.0 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the north line of Surf avenue with the east line of West Twenty-ninth street, as the same are laid out on the map of the City;

1. Thence westerly along the north line of Surf avenue 60.0 feet;
2. Thence northerly deflecting 89 degrees 15 minutes 25 seconds to the right from a line tangent to the north line of Surf avenue and passing through the last-mentioned point 300.08 feet to the south line of the right-of-way of the New York and Coney Island Railroad;
3. Thence easterly deflecting 89 degrees 59 minutes 30 seconds to the right along the south line of the right-of-way of the New York and Coney Island Railroad 36.91 feet;
4. Thence easterly and still along the south line of the right-of-way of the New York and Coney Island Railroad 23.09 feet;
5. Thence southerly 300.64 feet to the point of beginning.

West Thirtieth Street.

Parcel "A."

Beginning at the intersection of the south line of Neptune avenue with the west line of West Thirtieth street, as the same are laid out on the map of the City;

1. Thence easterly along the south line of Neptune avenue 60.0 feet;
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 1,340.0 feet to the north line of the right-of-way of the New York and Coney Island Railroad;
3. Thence westerly deflecting 89 degrees 59 minutes 30 seconds to the right along the north line of the right-of-way of the New York and Coney Island Railroad 60.0 feet;
4. Thence northerly 1,340.0 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the north line of Surf avenue with the east line of West Thirtieth street, as the same are laid out on the map of the City;

1. Thence westerly along the north line of Surf avenue 60.14 feet;
2. Thence northerly deflecting 85 degrees 48 minutes 05 seconds to the right from a line tangent to the north line of Surf avenue and passing through the last-mentioned point 287.20 feet to the south line of the right-of-way of the New York and Coney Island Railroad;
3. Thence easterly deflecting 89 degrees 59 minutes 30 seconds to the right 60.0 feet;
4. Thence southerly 291.24 feet to the point of beginning.

Parcel "C."

Beginning at the intersection of the east line of West Thirtieth street with the south line of Surf avenue, as the same are laid out on the map of the City;

1. Thence southerly in a straight prolongation of the east line of West Thirtieth street, as now laid out northerly from Surf avenue to the mean highwater line of the Atlantic Ocean.
2. Thence westerly, northerly and westerly along the mean highwater line of the Atlantic Ocean 83.0 feet, more or less.
3. Thence northerly and parallel with course number one of the south line of Surf avenue;
4. Thence easterly 60.13 feet to the point of beginning.

West Thirty-first Street.

Parcel "A."

Beginning at the intersection of the south line of Neptune avenue with the west line of West Thirty-first street, as the same are laid out on the map of the City;

1. Thence easterly along the south line of Neptune avenue 60.0 feet;
2. Thence southerly deflecting 90 degrees 00 minutes 30 seconds to the right 1,340.0 feet to the north line of the right-of-way of the New York and Coney Island Railroad;
3. Thence westerly deflecting 89 degrees 59 minutes 30 seconds to the right 60.0 feet;
4. Thence northerly 1,340.0 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the north line of Surf avenue with the east line of West Thirty-first street, as the same are laid out on the map of the City;

1. Thence westerly along the north line of Surf avenue 60.49 feet;
2. Thence northerly deflecting 82 degrees 19 minutes 49 seconds to the right from a line tangent to the north line of Surf avenue and passing through the last-mentioned point 256.22 feet to the south line of the right-of-way of the New York and Coney Island Railroad;
3. Thence easterly deflecting 89 degrees 59 minutes 30 seconds to the right along the south line of the right-of-way of the New York and Coney Island Railroad 60.0 feet;
4. Thence southerly 263.93 feet to the point of beginning.

The Board of Estimate and Apportionment, on the 20th day of April, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on a line midway between West Twenty-seventh street and West Twenty-eighth street, distant 100 feet northerly from the northerly line of Neptune avenue, and running thence southwardly along the said line midway between West Twenty-seventh street and West Twenty-eighth street, and along the prolongation of the said line to a point distant 100 feet southerly from the southerly line of Surf avenue, the said distance being measured at right angles to Surf avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Surf avenue to the intersection with a line midway between West Twenty-eighth street and West Thirtieth street; thence southwardly along the said line midway between West Twenty-eighth street and West Thirtieth street to the intersection with the mean high-water line of the Atlantic Ocean; thence westwardly along the said mean highwater line to the intersection with a line midway between West Thirtieth street and West Thirty-second street; thence northwardly along the said line midway between West Thirtieth street and West Thirty-second street to a point distant 100 feet southerly from the southerly line of Surf avenue, the said distance being measured at right angles to Surf avenue; thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Surf avenue to the intersection with the prolongation of a line midway between West Thirty-first street and West Thirty-second street; thence northwardly along the said line midway between West Thirty-first street and West Thirty-second street and along the prolongation of the said line to a point distant 100 feet northerly from the northerly line of Neptune avenue; thence eastwardly along the said line to the point or place of beginning.

Dated New York, November 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending CHURCH AVENUE, from Thirty-sixth street to Ocean parkway, in the Twenty-ninth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 21st day of November, 1911, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate, and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Church avenue, from Thirty-sixth street to Ocean parkway, in the Twenty-ninth Ward, Borough of Brooklyn, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at the intersection of the west line of Thirty-sixth street with the south line of Church avenue as the same are laid out on the map of the City;

1. Thence northerly along the west line of Thirty-sixth street 86.75 feet;
2. Thence easterly deflecting 112 degrees 45 minutes 05 seconds to the right 1,207.82 feet;
3. Thence easterly deflecting 0 degrees 01 minutes 26 seconds to the left 1,179.86 feet to the east line of East Fifth street;
4. Thence northerly deflecting 69 degrees 21 minutes 18 seconds to the left along the east line of East Fifth street 10.69 feet;
5. Thence easterly deflecting 69 degrees 21 minutes 18 seconds to the right 267.16 feet to the west line of Ocean parkway;
6. Thence southerly along the west line of Ocean parkway 106.86 feet;
7. Thence westerly deflecting 69 degrees 21 minutes 18 seconds to the right 267.16 to the east line of East Fifth street;
8. Thence northerly deflecting 110 degrees 38 minutes 42 seconds to the right along the east line of East Fifth street 10.69 feet.
9. Thence westerly deflecting 110 degrees 38 minutes 42 seconds to the left 1,149.74 feet;
10. Thence westerly 1,174.29 feet to the point of beginning.

The Board of Estimate and Apportionment, on the 11th day of February, 1910, duly fixed and determined the area of assessment for benefit in this proceeding, as follows:

Beginning at the intersection of a line midway between East Seventh street and Ocean parkway with a line distant 100 feet southerly from and parallel with the southerly line of Beverly road, the said distance being measured at right angles to Beverly road, and running thence westwardly along the said line parallel with Beverly road to the intersection with a line distant 500 feet southerly from and parallel with the southerly line of Church avenue, as this street is laid out west of East Fifth street, the said distance being measured at right angles to Church avenue; thence westwardly along the said line parallel with Church avenue to the intersection with a line midway between Thirty-sixth street and Thirty-seventh street; thence northwestwardly along the said line midway between Thirty-sixth street and Thirty-seventh street to the intersection with the prolongation of a line midway between Clara street and Louisa street; thence eastwardly along the said line midway between Clara street and Louisa street and along the prolongations of the said line, to the intersection of a line midway between East Third street and East Fourth street; thence northwardly along the said line midway between East Third street and East Fourth street to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Albemarle road, the said distance being measured at right angles to Albemarle road; thence eastwardly along the said line parallel with Albemarle road to the intersection with the prolongation of the aforesaid line midway between Clara street and Louisa street; thence eastwardly along the prolongation of the aforesaid line midway between Clara street and Louisa street to the intersection with a line parallel with Ocean parkway, and passing through the point of beginning; thence southwardly along the said line parallel with Ocean parkway to the point or place of beginning.

Dated, New York, November 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending BAY TENTH STREET, from 86th street to Bath avenue, and Cropsey avenue, from 14th avenue to 15th avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 21st day of November, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Bay Tenth street, from 86th street to Bath avenue, and Cropsey avenue, from 14th avenue to 15th avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York, being the following described lots, pieces or parcels of land, viz.:

Bay Tenth Street.

Beginning at the intersection of the south line of Eighty-sixth street with the west line of Bay Tenth street, as the same are laid out on the Map of the City:

1. Thence easterly along the south line of Eighty-sixth street 60 feet.
2. Thence southerly deflecting 90 degrees to the right 1,480 feet to the north line of Bath avenue.
3. Thence westerly along the north line of Bath avenue 50 feet.
4. Thence northerly 1,480 feet to the point of beginning.

Cropsey Avenue.

Beginning at the intersection of the east line of Fourteenth avenue with the south line of Cropsey avenue, as the same are laid out on the map of the City.

1. Thence northerly along the east line of Fourteenth avenue 80 feet.
2. Thence easterly deflecting 90 degrees to the right 253.33 feet to the east line of Bay Seventh street.
3. Thence easterly deflecting 3 degrees 57 minutes 46 seconds to the left 447.74 feet to the west line of Fifteenth avenue.
4. Thence southerly deflecting 93 degrees 57 minutes 46 seconds to the right along the west line of Fifteenth avenue 80.19 feet.
5. Thence westerly deflecting 86 degrees 2 minutes 14 seconds to the right 447.74 feet.
6. Thence westerly deflecting 4 degrees 8 minutes 45 seconds to the right 60 feet.
7. Thence westerly deflecting 0 degrees 10 minutes 59 seconds to the left 193.33 feet to the point of beginning.

The Board of Estimate and Apportionment on the 18th day of June, 1909, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

1. Bounded on the northeast by a line distant 100 feet northeasterly from and parallel with the northeasterly line of Eighty-sixth street, the said distance being measured at right angles to Eighty-sixth street; on the southeast by a line midway between Bay Tenth stret and Bay Eleventh street, and by the prolongation of the said line; on the southwest by a line distant 100 feet southwesterly from and parallel with the southwesterly line of Bath avenue, the said distance being measured at right angles to Bath avenue, and on the northwest by a line midway between Bay Tenth street and Fifteenth avenue, and by the prolongation of the said line.

2. Bounded on the northeast by a line distant 350 feet northeasterly from and parallel with the northeasterly line of Cropsey avenue as laid out between Fourteenth avenue and Bay Seventh street, the said distance being measured at right angles to Cropsey avenue, and by the prolongations of the said line; on the southeast by a line distant 100 feet southeasterly from and parallel with the southeasterly line of Fifteenth avenue, the said distance being measured at right angles to Fifteenth avenue; on the southwest by a line distant 350 feet southwesterly from and parallel with the southwesterly line of Cropsey avenue as laid out between Fourteenth avenue and Bay Seventh street, the said distance being measured at right angles to Cropsey avenue, and by the prolongation of the said line and on the northwest by a line distant 100 feet northwesterly from and parallel with the northwesterly line of Fourteenth avenue, the said distance being measured at right angles to Fourteenth avenue, and by the prolongation of the said line.

Dated New York, November 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n8,18

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title, in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the purpose of opening and extending AVENUE V, from Eighty-sixth street to Van Sicklen street, excluding the right-of-way of the New York and Sea Beach Railroad, in the Thirty-first Ward, Borough of Brooklyn, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, The City of New York, on the 21st day of November, 1911, at the opening of the court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and of one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title in fee by The City of New York, for the use of the public to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Avenue V, from Eighty-sixth street to Van Sicklen street, excluding the right-of-way of the New York and Sea Beach Railroad, in the Thirty-first Ward, Borough of Brooklyn, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Parcel "A."

Beginning at the intersection of the east line of Eighty-sixth street with the south line of Avenue V, as the same are laid out on the map of the City;

1. Thence northerly along the east line of Eighty-sixth street 110.03 feet;
2. Thence easterly deflecting 133 degrees 21 minutes 35 seconds to the right 548.10 feet to the west line of the right-of-way of the New York and Sea Beach Railroad;
3. Thence southerly deflecting 90 degrees to the right along the right-of-way of the New York and Sea Beach Railroad 80.0 feet;
4. Thence westerly 472.56 feet to the point of beginning.

Parcel "B."

Beginning at the intersection of the west line of Van Sicklen street with the north line of Avenue V as the same are laid out on the map of the City;

1. Thence southerly along the west line of Van Sicklen street 82.56 feet;
2. Thence westerly deflecting 75 degrees 42 minutes 04 seconds to the right 845.06 feet to the east line of the right-of-way of the New York and Sea Beach Railroad;
3. Thence northerly deflecting 90 degrees to the right along the east line of the right-of-way of the New York and Sea Beach Railroad 80.0 feet;
4. Thence easterly 865.45 feet to the point of beginning.

The Board of Estimate and Apportionment, on the 18th day of May, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on a line midway between Avenue U and Avenue V, where it is intersected by a line midway between West Tenth street and West Eleventh street, and running thence eastwardly along the said line midway between Avenue U and Avenue V, and along the prolongation of the said line to the intersection with the easterly line of Van Sicklen street to the intersection with the prolongation of a line midway between Lake street and Van Sicklen street and along the prolongation of the said line to the intersection with a line at right angles to Van Sicklen street and passing through a point on its easterly line where it is intersected by the prolongation of a line midway between Avenue V and Avenue W; thence westwardly along the said line at right angles to Van Sicklen street to its easterly side; thence westwardly along the said line midway between Avenue V and Avenue W and along the prolongation of the said line to the intersection with a line parallel with West Tenth street, and passing through the point of beginning; thence northwardly along the said line parallel with West Tenth street to the point or place of beginning.

Dated, New York, November 8, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, New York City. n8,18

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 a parcel of property at the foot of MYRTLE AVENUE, extending from Lawrence street to Flushing Creek, required for the construction of a trunk sewer designed for the drainage of the adjoining area, in the Third 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 30th day of October, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 2d day of November, 1911, Robert B. Lawrence, Esq., was appointed a Commissioner of Estimate and the Commissioner of Assessment in the above entitled proceeding in the place and stead of James H. Quinlan, Esq., resigned.

Notice is further given that, pursuant to the statutes in such cases made and provided, the said Robert B. Lawrence, Esq., will attend at a Special Term for *ex parte* motions of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 17th day of November, 1911, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or any other person having any interest in said proceeding as to his qualifications to act as a Commissioner of Estimate and the Commissioner of Assessment in the above entitled proceeding.

Dated New York, November 4, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n4,16

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 PALMETTO STREET, from Onderdonk avenue to Fresh Pond road; WOODBINE STREET, from Myrtle avenue to Fresh Pond road; and of MADISON STREET, from Wyckoff avenue to Fresh Pond road, in the Second 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 30th day of October, 1911, and duly entered and filed in the office of the Clerk of the County of Queens on the 2d day of November, 1911, William W. Gillen, Esq., was appointed a Commissioner of Estimate and the Commissioner of Assessment in the above entitled proceeding in the place and stead of John E. Van Nostrand, resigned.

Notice is further given that, pursuant to the statutes in such cases made and provided, the said William W. Gillen, Esq., will attend at a Special Term for *ex parte* motions of the Supreme Court of the State of New York, Second Department, to be held at the County Court House, in the Borough of Brooklyn, in The City of New York, on the 17th day of November, 1911, at the opening of the Court on that day or as soon thereafter as counsel can be heard thereon, for the purpose of being examined under oath by the Corporation Counsel or any other person having any interest in said proceeding as to his qualifications to act as a Commissioner of Estimate and the Commissioner of Assessment in the above entitled proceeding.

Dated New York, November 4, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. n4,16

SECOND DEPARTMENT.

In the matter of the application of The City of New York relative to acquiring title to the lands, tenements and hereditaments required for the purpose of opening EAST NINTH STREET, between Foster avenue and Avenue T; EAST TENTH STREET, between Foster avenue and Avenue Q, excluding the lands of the Long Island Railroad Company, in the Twenty-ninth, Thirtieth and Thirty-first Wards, in the Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN THAT AN APplication will be made to the Supreme Court at a Special Term thereof, for the hearing of motions, to be held in and for the County of Kings, at the County Court-house, in the Borough of Brooklyn, City of New York, on the 16th day of November, 1911, at the opening of the Court on that day, or as soon thereafter as Counsel can be heard, for an order amending the above entitled proceeding, pursuant to a resolution of the Board of Estimate and Apportionment, adopted on the 18th day of May, 1911, so as to conform to the map or plan of The City of New York, adopted on the 17th day of June, 1910, and approved by the Mayor of The City of New York on the 24th day of June, 1910, which map or plan provides for modifying the lines of Foster avenue, between Gravesend avenue and Coney Island avenue, by reducing the width of the said Foster avenue, from eighty (80) feet to sixty (60) feet; and for such other and further relief as in the premises may be just and proper.

Dated November 3, 1911.

ARCHIBALD R. WATSON, Corporation Counsel and Attorney for The City of New York, 166 Montague street, Borough of Brooklyn, City of New York. n3,15

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 BARBEY STREET, from Belmont avenue to New Lots avenue, in the Twenty-Sixth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, No. 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 21st day of November, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 22d day of November, 1911, 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, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 21st day of November, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 24th day of November, 1911, 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 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 Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the north by a line distant 100 feet northerly from and parallel with the northerly line of Belmont avenue, the said distance being measured at right angles to the line of Belmont avenue; on the east by a line midway between Barbey street and Jerome street as laid out north of New Lots road, and by the prolongation of the said line; on the south by a line distant 100 feet southerly from and parallel with the southerly line of New Lots avenue, the said distance being measured at right angles to New Lots avenue; and on the west by a line midway between Schenck avenue and Barbey street as laid out north of New Lots avenue, and by the prolongation of the said line.

Fourth—That the abstract 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 2d day of December, 1911.

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 21st day of December, 1911, 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, November 2, 1911.

SEYMOUR K. FULLER, JOHN C. FAWCETT, Commissioners of Estimate; JOHN C. FAWCETT, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. n2,20

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title, wherever the same has not been heretofore acquired for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of BOGART STREET, from Meserole street to Meadow street, in the Eighteenth Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above-entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 21st day of November, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 22d day of November, 1911, at 10.30 o'clock a. 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 February, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Bounded on the north by a line midway between Meadow street and Ten Eyck street, and by the prolongation of the said line; on the east by a line midway between Bogart street and Morgan avenue, and by the prolongation of the said line; on the south by a line midway between Meserole street and Montrose avenue; and on the west by a line bisecting the angle formed by the intersection of the prolongations of the easterly line of Waterbury street and the westerly line of Bogart street as laid out between Stagg street and Meserole street.

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, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 29th day of November, 1911.

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 21st day of December, 1911, 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 30, 1911.

MILTON G. BUCKY, Chairman; MICHAEL J. GOGARTY, JNO. F. COFFIN, Commissioners of Estimate.

JNO. F. COFFIN, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. o30,n16

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title in fee, wherever the same has not been heretofore acquired, to the lands and premises required for the opening and extending of FOURTH AVENUE, from Monroe avenue to Tompkins avenue, in the First Ward, Borough of Richmond, 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, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 20th day of November, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 22d day of November, 1911, 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, 90 and 92 West Broadway, in the Borough of Manhattan, in The City of New York, on or before the 20th day of November, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 23d day of November, 1911, at 2.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 8th day of November, 1907, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Richmond, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at the intersection of a line midway between Central avenue and Tompkins avenue with the prolongation of a line distant 325 feet south of and parallel with the southerly line of Fourth avenue, the said distance being measured at right angles to the line of Fourth avenue, and running thence westwardly and parallel with Fourth avenue to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Sherman avenue, the said distance being measured at right angles to the line of Sherman avenue; thence northwardly and parallel with the westerly line of Sherman avenue to the intersection with a line distant 100 feet south of and parallel with the southerly side of Fourth avenue, the said distance being measured at right angles to the line of Fourth avenue; thence westwardly and along a line parallel with Fourth avenue as laid out east of Westervelt avenue, and along the prolongation of the said line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of Westervelt avenue, the said distance being measured at right angles to the line of Westervelt avenue; thence northwardly and parallel with and always distant 100 feet from the westerly line of Westervelt avenue to the intersection with the prolongation of a line distant 125 feet north of and parallel with the northerly line of Fourth avenue, as laid out east of Westervelt avenue; thence eastwardly along the said line, distant 125 feet north of and parallel with the northerly side of Fourth avenue, as laid out east of Westervelt avenue, and along the prolongation of the said line to the intersection with a line midway between Sherman avenue and Madison avenue; thence northwardly along the said line midway between Sherman

avenue and Madison avenue to the intersection with a line distant 280 feet north of and parallel with the northerly side of Fourth avenue, the said distance being measured at right angles to the line of Fourth avenue; thence eastwardly along the said line parallel with the northerly side of Fourth avenue and along the prolongation of the said line to the intersection with a line midway between Tompkins avenue and Central avenue; thence southwardly along the said line midway between Central avenue and Tompkins 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, 90 and 92 West Broadway, in the Borough of Manhattan, in said City, there to remain until the 23d day of November, 1911.

Fifth—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessments for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, for the hearing of motions, to be held in the County Court House, in the Borough of Brooklyn, in The City of New York, on the 28th day of December, 1911, 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 25, 1911.

ERNEST M. GARBE, Chairman; BERNARD MULLIN, E. STEWART TAXTER, Commissioners of Estimate.

E. STEWART TAXTER, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. o30,n16

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to BENSON AVENUE, from Bay Thirty-second street to Bay Thirty-fifth street, in the Thirtieth and Thirty-first Wards, in the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT EMmett B. Wheeler, Solon Barbanell and J. Hunter Lock were appointed by an order of the Supreme Court, made and entered the 24th day of October, 1911, Commissioners of Estimate, and that in and by said order Emmett B. Wheeler was appointed the Commissioner of Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 13th day of November, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, October 30, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. o30,n10

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to KING'S HIGHWAY, from Ocean parkway to Flatbush avenue; of AVENUE Q, from the westerly line of East Twelfth street to Kings Highway; of EAST TWELFTH STREET, from Avenue Q to Kings Highway; of DELAMERE PLACE, from Avenue P to Kings Highway; of AVENUE O, from the westerly line of East Twenty-sixth street to Kings Highway; of EAST TWENTY-SIXTH STREET, from Avenue O to Kings Highway; of EAST THIRTY-SECOND STREET, from Avenue N to Kings Highway, and of EAST THIRTY-FIFTH STREET, from Avenue M to Kings Highway, in the Thirty-first and Thirty-second Wards, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN THAT MYLES Purvin, John H. Elliott and George F. Maddock were appointed by an order of the Supreme Court, made and entered the 24th day of October, 1911, Commissioners of Estimate, and that in and by said order Myles Purvin was appointed the Commissioner of Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 13th day of November, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, October 30, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. o30,n10

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to SEVENTY-SECOND STREET, from Fort Hamilton avenue to Thirteenth avenue, and from Seventeenth avenue to Twenty-second avenue; SEVENTY-THIRD STREET, from Tenth avenue to Thirteenth avenue; SEVENTY-FOURTH STREET, from Tenth avenue to Eleventh avenue, from Sixteenth avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to Twenty-second avenue; and SEVENTY-FIFTH STREET, from Tenth avenue to the westerly line of New Utrecht avenue, and from the easterly line of New Utrecht avenue to Twenty-second avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN THAT DAVID S. Garland, Frank V. Kelly and Thomas J. Surpless were appointed by an order of the Supreme Court, made and entered the 24th day of October, 1911, Commissioners of Estimate, and that in and by said order David S. Garland was appointed the Commissioner of Assessment in the above-entitled proceeding.

Notice is also given, that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 13th day of November, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, October 30, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. o30,n10

SECOND DEPARTMENT.

In the matter of the application ot The City of New York, relative to acquiring title to EAST TWELFTH STREET, from Avenue H to Avenue T, excluding the land occupied by the tracks of the Long Island Railroad; EAST THIRTEENTH STREET, from Avenue H to Avenue T, and from Gravesend Neck road to Neptune avenue, excluding the land occupied by the tracks of the Long Island Railroad and the Brooklyn and Brighton Beach Railroad; EAST FOURTEENTH STREET (now Rugby road), from Avenue D, or Dorchester road, to Foster avenue, and from Avenue H to Kings Highway, and from Avenue V to Gravesend Neck road, excluding the land occupied by the tracks of the Long Island Railroad, and EAST FIFTEENTH STREET, from Avenue H to Kings Highway, excluding the land occupied by the tracks of the Long Island Railroad, and from Avenue V to Emmons avenue, excluding the land occupied by the tracks of the Brooklyn and Brighton Beach Railroad and the Long Island Railroad, in the Twenty-ninth and Thirty-first Wards, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN THAT E. T. Walsh, F. S. McDevitt and William H. Taylor were appointed by an order of the Supreme Court, made and entered the 24th day of October, 1911, Commissioners of Estimate, and that in and by said order E. T. Walsh was appointed the Commissioner of Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 13th day of November, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, October 30, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. o30,n10

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to acquiring title to FORTY-EIGHTH STREET, from Eighth avenue to Fort Hamilton avenue; from New Utrecht avenue to Twelfth avenue; from Sixteenth avenue to Seventeenth avenue, and from Eighteenth avenue to Nineteenth avenue, in the Thirtieth Ward, Borough of Brooklyn, City of New York.

NOTICE IS HEREBY GIVEN THAT WILLiam H. Swartwout, Harris G. Eames and William W. Wingate were appointed by an order of the Supreme Court made and entered the 24th day of October, 1911, Commissioners of Estimate, and that in and by said order William H. Swartwout was appointed the Commissioner of Assessment in the above-entitled proceeding.

Notice is also given that the above-named Commissioners will attend at a Special Term for the hearing of motions, appointed to be held at the Kings County Court House in the Borough of Brooklyn, The City of New York, on the 13th day of November, 1911, on the opening of the Court on that day, or as soon thereafter as counsel can be heard; and at said time and place, or at such other time and place as the Court may direct, the said Commissioners may be examined under oath as to their qualifications to act, and are subject to challenge by any party or person interested in this proceeding, as provided by section 973 of title 4 of chapter XVII. of the Charter of The City of New York.

Dated New York, Borough of Brooklyn, October 30, 1911.

ARCHIBALD R. WATSON, Corporation Counsel. o30,n10

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 FISK AVENUE, from Woodside avenue to Grand street, in the Second Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court-house, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Friday, the 10th day of November, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Fisk avenue, from Woodside avenue to Grand street, in the Second Ward, Borough of Queens, City of New York, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A."

Beginning at a point formed by the intersection of the southerly line of Woodside avenue with the westerly line of Fisk avenue.

Running thence easterly for 71.99 feet along the southerly line of Woodside avenue.

Thence easterly deflecting to the left on the arc of a circle whose radius is 804.948 feet for 9.97 feet along the southerly line of Woodside avenue to the easterly line of Fisk avenue, said curve being tangent to last mentioned course at the easterly termination of same.

Thence southerly deflecting to the right 78 degrees 7 minutes 41 seconds from a tangent to last mentioned course at the easterly termination of same for 741.39 feet along the easterly line of Fisk avenue to the northerly line of Queens boulevard.

Thence southerly deflecting to the left 5 degrees 38 minutes 15 seconds for 103.90 feet along the easterly line of Fisk avenue to the southerly line of Thomson avenue.

Thence southerly deflecting to the right 3 degrees 30 minutes 4 seconds for 627.39 feet along the easterly line of Fisk avenue to the northerly line of the right-of-way of the Long Island Railroad.

Thence westerly deflecting to the right 111 degrees 48 minutes 10 seconds for 86.16 feet along the said northerly line of the right-of-way of the Long Island Railroad to the westerly line of Fisk avenue.

Thence northerly deflecting to the right 68 degrees 11 minutes 50 seconds for 591.38 feet along the westerly line of Fisk avenue to the southerly line of Thomson avenue.

Thence northerly deflecting to the left 3 degrees 43 minutes 58 seconds for 101.82 feet along the westerly line of Fisk avenue to the northerly line of Thomson avenue.

Thence northerly for 768.29 feet along the westerly line of Fisk avenue to the southerly line of Woodside avenue, to the point or place of beginning.

PARCEL "B."

Beginning at a point formed by the intersection of the northwesterly line of Grand street with the easterly line of Fisk avenue.

Running thence southwesterly for 97.89 feet along the northwesterly line of Grand street to the westerly line of Fisk avenue.

Thence northerly deflecting to the right 125 degrees 11 minutes 32 seconds for 3,165.47 feet along the westerly line of Fisk avenue.

Thence northerly deflecting to the right 5 degrees 11 minutes 21 seconds for 1,360.29 feet along the westerly line of Fisk avenue to the southerly line of the right-of-way of the Long Island Railroad.

Thence easterly deflecting to the right 111 degrees 48 minutes 10 seconds for 86.16 feet along the said southerly line of the right-of-way of the Long Island Railroad to the easterly line of Fisk avenue.

Thence southerly deflecting to the right 68 degrees 11 minutes 50 seconds for 1,324.66 feet along the easterly line of Fisk avenue.

Thence southerly for 3,105.43 feet along the easterly line of Fisk avenue to the northwesterly line of Grand street, the point or place of beginning.

Fisk avenue is shown upon the following sections of the Final Maps of the Borough of Queens:

Section No. 11, adopted by Board of Estimate and Apportionment November 5, 1909; filed at County Clerk's office, Jamaica, January 26, 1910; filed at Borough President's office January 31, 1910; filed at Corporation Counsel's office January 31, 1910.

Section No. 17, adopted by Board of Estimate and Apportionment June 26, 1908; filed at County Clerk's office, Jamaica, August 14, 1908; filed at Borough President's office September 11, 1908; filed at Corporation Counsel's office September 11, 1908.

Section No. 18, adopted by Board of Estimate and Apportionment May 6, 1910; filed at County Clerk's office, Jamaica, February 23, 1911; filed at Borough President's office February 23, 1911; filed at Corporation Counsel's office February 23, 1911.

Portions of Section Nos. 10, 11, 18, adopted by Board of Estimate and Apportionment March 23, 1911; filed at County Clerk's office, Jamaica, June 9, 1911; filed at Borough President's office June 12, 1911; filed at Corporation Counsel's office June 12, 1911.

The Board of Estimate and Apportionment on the 1st day of June, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the prolongation of a line midway between Burrough avenue and Columbia avenue as these streets are laid out between Fulton street and Whitney street, distant 100 feet southerly from the southerly line of Whitney street, and running thence northwardly along the said line midway between Burrough avenue and Columbia 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 Lee avenue as this street is laid out between Queens boulevard and Grout avenue, the said distance being measured at right angles to Lee avenue; thence northwardly along the said line parallel with Lee avenue and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Woodside avenue as this street is laid out where it adjoins Fisk avenue on the west, the said distance being measured at right angles to Woodside avenue; thence eastwardly along the said line parallel with Woodside avenue and along the prolongation of the said line to the intersection with the prolongation of the easterly line of Fisk avenue; thence eastwardly along a line always distant 100 feet northerly from and parallel with the northerly line of Woodside avenue and along its prolongation in a tangent as laid out easterly from Fisk avenue to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Ramsey street as this street is laid out between Adams street and Monroe street, the said distance being measured at right angles to Ramsey street; thence southwardly along the said line parallel with Ramsey street and along the prolongations of the said line to the intersection with the northerly line of Calamus avenue; thence southwardly in a straight line to a point on the southerly line of Calamus avenue distant 100 feet easterly from the easterly line of Ramsey street, the said distance being measured at right angles to Ramsey street; thence southwardly and always distant 100 feet easterly from and parallel with the easterly line of Ramsey street to a point distant 100 feet southeasterly from the southeasterly line of Grand street, the said distance being measured at right angles to Grand street; thence southwestwardly and always distant 100 feet southeasterly from and parallel with the southeasterly line of Grand street to the intersection with a line at right angles to Grand street and passing through a point on its northwesterly side where it is intersected by the prolongation of a line midway between Columbia avenue and Carroll place, as laid out north of Jay avenue; thence northwestwardly along the said line at right angles to Grand street to the intersection with its northwesterly side; thence northwardly along the said line midway between Columbia avenue and Carroll place, and along the prolongation of the said line to the intersection with a line parallel with Whitney street and passing through the point of beginning; thence westwardly along the said line parallel with Whitney street to the point or place of beginning.

New York, October 28, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York. o28,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 NOTT AVENUE, from Van Dam street to Calvary Cemetery, and of ANABLE AVENUE, from Van Dam street to Calvary Cemetery, in the First and Second Wards, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Friday, the 10th day of November, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, **required for the opening and extending of Nott avenue, from Van Dam street to Calvary Cemetery, and of Anable avenue, from Van Dam street to Calvary Cemetery, in the First and Second Wards, Borough of Queens, City of New York, being the following-described lots, pieces or parcels of land, viz.:**

NOTT AVENUE.

Parcel "A."

Beginning at a point formed by the intersection of the easterly line of Van Dam street with the southerly line of Nelson avenue; running thence northerly for 80.00 feet along the easterly line of Van Dam street to the northerly line of Nelson avenue; thence easterly deflecting to the right 90 degrees for 1,480.07 feet along the northerly line of Nelson avenue to the westerly line of Hulst street; thence southerly deflecting to the right 90 degrees for 80.00 feet along the westerly line of Hulst street to the southerly line of Nelson avenue; thence westerly for 1,480.07 feet along the southerly line of Nelson avenue to the easterly line of Van Dam street, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the easterly line of Hulst street with the southerly line of Nelson avenue; running thence northerly for 80.00 feet along the easterly line of Hulst street to the northerly line of Nelson avenue; thence easterly deflecting to the right 90 degrees for 3,459.59 feet along the northerly line of Nelson avenue; thence easterly deflecting to the right 5 degrees 09 minutes 18 seconds for 438.23 feet along the northerly line of Nelson avenue to the (new) Calvary Cemetery; thence southerly deflecting to the right 90 degrees, 05 minutes, 33 seconds for 50.00 feet to the southerly line of Nelson avenue; thence westerly deflecting to the right 89 degrees, 54 minutes, 27 seconds for 435.90 feet along the southerly line of Nelson avenue; thence westerly deflecting to the left 5 degrees, 09 minutes, 18 seconds for 77.14 feet along the southerly line of Nelson avenue to the easterly line of Heiser street; thence southerly deflecting to the left 90 degrees for 30.00 feet along the easterly line of Heiser street to the southerly line of Nelson avenue; thence westerly for 3,380.20 feet along the southerly line of Nelson avenue to the easterly line of Hulst street, the point or place of beginning.

ANABLE AVENUE.

Parcel "A."

Beginning at a point formed by the intersection of the easterly line of Van Dam street with the southerly line of Anable avenue; running thence northerly for 80.00 feet along the easterly line of Van Dam street to the northerly line of Anable avenue; thence easterly deflecting to the right 90 degrees for 1,480.07 feet along the northerly line of Anable avenue to the westerly line of Hulst street; thence southerly deflecting to the right 90 degrees for 80.00 feet along the westerly line of Hulst street to the southerly line of Anable avenue; thence westerly for 1,480.07 feet along the southerly line of Anable avenue to the easterly line of Van Dam street, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the easterly line of Hulst street with the southerly line of Anable avenue; running thence northerly for 80.00 feet along the easterly line of Hulst street to the northerly line of Anable avenue; thence easterly deflecting to the right 90 degrees for 3,442.19 feet along the northerly line of Anable avenue to (new) Calvary Cemetery; thence southerly deflecting to the right 96 degrees 09 minutes 26 seconds for 80.46 feet to the southerly line of Anable avenue; thence westerly for 3,433.56 feet along the southerly line of Anable avenue to the easterly line of Hulst street, the point or place of beginning.

Nott avenue, from Van Dam street to Calvary Cemetery, in the First and Second Wards, Borough of Queens, City of New York, is shown upon Section 3 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 filed in the office of the Clerk of the County of Queens on the 14th day of August, 1908, and filed in the office of the President of the Borough of Queens on the 11th day of September, 1908, and in the office of the Corporation Counsel of The City of New York on or about the same date, and also upon the Commissioners' Map of Long Island City, pursuant to chapter 765 of the Laws of 1871, filed in the office of the Clerk of the County of Queens on the 25th day of April, 1873.

Anable avenue, from Van Dam street to Calvary Cemetery, in the First and Second Wards of the Borough of Queens, City of New York, is shown upon Section 3 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 filed in the office of the Clerk of the County of Queens on the 14th day of August, 1908, in the office of the President of the Borough of Queens on the 11th day of September, 1908, and in the office of the Corporation Counsel of The City of New York on or about the same date, and also upon Section 2 of the Final Maps of the Borough of Queens, as adopted by the Board of Estimate and Apportionment on the 1st day of July, 1910, and filed in the office of the Clerk of the County of Queens on the 29th day of October, 1910, in the office of the President of the Borough of Queens on the 29th day of October, 1910, and in the office of the Corporation Counsel of The City of New York on or about the same date, and also upon the Commissioners' Map of Long Island City, pursuant to chapter 765 of the Laws of 1871, and filed in the office of the Clerk of the County of Queens on the 25th day of April, 1873.

The Board of Estimate and Apportionment on the 24th day of September, 1909, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the prolongation of a line midway between Covert avenue and Anable avenue distant 100 feet easterly from the easterly line of Addison place, the said distance being measured at right angles to Addison place, and **running thence westwardly along the said line midway between Covert avenue and Anable avenue, and along the prolongations of the said line to the intersection with a line midway between Hulst street and Van Pelt street; thence southwardly along the said line midway between Hulst street and Van Pelt street to the intersection with a line bisecting the angle formed by the intersection of the southerly line of Anable avenue with the prolongation of the northeasterly line of Hunters Point avenue as this street is laid out between Van Dam street and Greenpoint avenue; thence northwestwardly along the said bisecting line to the intersection with the prolongation of a line midway between Covert avenue and Anable avenue; thence westwardly**

along the prolongation of the said line midway between Covert avenue and Anable avenue to the intersection with a line midway between School street and Van Dam street; thence northwardly along the said line midway between School street and Van Dam street to the intersection with a line midway between Nott avenue and Thomson avenue; thence eastwardly along the said line midway between Nott avenue and Thomson avenue as these streets are laid out between Van Dam street and Lowery street and along the prolongation of the said line to a point distant 100 feet easterly from the easterly line of Jessie place, the said distance being measured at right angles to Jessie place; thence southwardly and parallel with Jessie place and the prolongation thereof to the intersection with a line distant 100 feet southerly from and parallel with the southerly line of Nott avenue as this street is laid out between Fitting street and Jessie place, the said distance being measured at right angles to Nott avenue; thence westwardly along the said line parallel with Nott avenue to the intersection with a line parallel with Addison place and passing through the point of beginning; thence southwardly along the said line parallel with Addison place to the point or place of beginning.

Dated New York, October 28, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York.

o28,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 NAGY STREET, between Metropolitan avenue and Grand street, in the Second Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Friday, the 10th day of November, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Nagy street, between Metropolitan avenue and Grand street, in the Second Ward, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

Beginning at a point formed by the intersection of the southeasterly line of Grand street with the westerly line of Nagy street; running thence northeasterly for 64.51 feet along the southeasterly line of Grand street to the easterly line of Nagy street; thence southerly deflecting to the right 111 degrees, 33 minutes, 00 seconds for 6,659.56 feet along the easterly line of Nagy street to the northerly line of old Metropolitan avenue; thence westerly deflecting to the right 113 degrees, 33 minutes, 06 seconds for 65.45 feet along the northerly line of old Metropolitan avenue to the westerly line of Nagy street; thence northerly for 6,609.72 feet along the westerly line of Nagy street to the southeasterly line of Grand street, the point or place of beginning.

Nagy street, between Metropolitan avenue and Grand street, in the Second Ward, in the Borough of Queens, City of New York, is 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 filed in the office of the Clerk of the County of Queens on the 14th day of August, 1908, in the office of the President of the Borough of Queens on the 11th day of September, 1908, and in the office of the Corporation Counsel of The City of New York on or about the same date; and also upon Section 18 of the Final Maps of the Borough of Queens, adopted by the Board of Estimate and Apportionment on the 6th day of May, 1910, and filed in the office of the Clerk of the County of Queens on the 23d day of February, 1911, in the office of the President of the Borough of Queens on the 23d day of February, 1911, and in the office of the Corporation Counsel of The City of New York on or about the same date; and also upon Section 28 of the Final Maps of the Borough of Queens, adopted by the Board of Estimate and Apportionment on the 15th day of January, 1909, and filed in the office of the Clerk of the County of Queens on the 10th day of August, 1909, in the office of the President of the Borough of Queens on the 13th day of August, 1909, and in the office of the Corporation Counsel of The City of New York on or about the same date; and also upon Section 35 of the Final Maps of the Borough of Queens adopted by the Board of Estimate and Apportionment on the 1st day of July, 1910, and filed in the office of the Clerk of the County of Queens on the 6th day of April, 1911, in the office of the President of the Borough of Queens on the 7th day of April, 1911, and in the office of the Corporation Counsel of The City of New York on or about the same date.

The Board of Estimate and Apportionment on the 15th day of June, 1911, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the southerly line of Metropolitan avenue where it is intersected by the prolongation of a line midway between Nagy street and La Forge street, and running thence northwardly along the said line midway between Nagy street and La Forge street and along the prolongation of the said line to the intersection with the southerly line of Grand street; thence northwardly at right angles to Grand street to a point distant 100 feet northerly from its northerly side; thence northeastwardly and always distant 100 feet northwesterly from and parallel with the northwesterly line of Grand street to the intersection with a line at right angles to Grand street and passing through a point on its northwesterly side, where it is intersected by the prolongation of a line midway between Ward street and Nagy street; thence southeastwardly along the said line at right angles to Grand street to the intersection with its northwesterly side; thence southwardly along the said line midway between Ward street and Nagy street and along the prolongation of the said line to the intersection with the northerly line of Metropolitan avenue; thence southwardly at right angles to Metropolitan avenue to a point distant 100 feet southerly from its southerly side; thence westwardly and parallel with Metropolitan avenue to the intersection with a line at right angles to Metropolitan avenue and passing through the point of beginning; thence northwardly along the said line at right angles to Metropolitan avenue to the point or place of beginning.

Dated New York, October 28, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York.

o28,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 SHERMAN STREET from Fourteenth street to Grand avenue, and of MARION STREET, from Fourteenth street to Ridge street, in the First Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Friday, the 10th day of November, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Sherman street, from Fourteenth street to Grand avenue, and of Marion street, from Fourteenth street to Ridge street, in the First Ward, Borough of Queens, City of New York, being the following described lots, pieces or parcels of land, viz.:

SHERMAN STREET.

Parcel "A."

Beginning at a point formed by the intersection of the northerly line of Fourteenth street with the easterly line of Sherman street; running thence westerly for 63.45 feet along the northerly line of Fourteenth street to the westerly line of Sherman street; thence northerly deflecting to the right 108 degrees, 58 minutes, 50 seconds for 618.99 feet along the westerly line of Sherman street to the southerly line of Harris avenue; thence northerly deflecting to the left 0 degrees, 59 minutes, 26 seconds for 80.01 feet along the westerly line of Sherman street to the northerly line of Harris avenue; thence northerly deflecting to the right 3 degrees, 48 minutes, 45 seconds for 2,922.89 feet, along the westerly line of Sherman street to the southerly line of Freeman avenue; thence northerly deflecting to the right 1 degree, 38 minutes, 31 seconds for 76.81 feet along the westerly line of Sherman street to the northerly line of Freeman avenue; thence northerly deflecting to the left 12 degrees, 26 minutes, 51 seconds for 475.42 feet along the westerly line of Sherman street to the southerly line of Webster avenue; thence easterly deflecting to the right 90 degrees for 50 feet along the southerly line of Webster avenue to the easterly line of Sherman street; thence southerly deflecting to the right 90 degrees for 475.42 feet along the easterly line of Sherman street to the northerly line of Freeman avenue; thence southerly deflecting to the right 4 degrees, 10 minutes, 22 seconds for 75.20 feet along the easterly line of Sherman street to the southerly line of Freeman avenue; thence southerly deflecting to the right 6 degrees, 37 minutes, 58 seconds for 2,931.39 feet along the easterly line of Sherman street to the northerly line of Harris avenue; thence southerly deflecting to the left 3 degrees, 45 minutes, 36 seconds for 80.01 feet along the easterly line of Sherman street to the southerly line of Harris avenue; thence southerly for 598.37 feet along the easterly line of Sherman street to the northerly line of Fourteenth street, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the northerly line of Webster avenue with the easterly line of Sherman street; running thence westerly for 50 feet along the northerly line of Webster avenue to the westerly line of Sherman street; thence northerly deflecting to the right 90 degrees for 2,524.04 feet along the westerly line of Sherman street to the southerly line of Sanford street; thence northerly deflecting to the left 7 degrees, 12 minutes, 24 seconds for 50.41 feet along the westerly line of Sherman street to the northerly line of Sanford street; thence northeasterly deflecting to the right 17 degrees, 53 minutes, 19 seconds for 449.61 feet along the northwesterly line of Sherman street to the southwesterly line of Broadway; thence northeasterly deflecting to the right 5 degrees, 17 minutes, 40 seconds for 75.32 feet along the northwesterly line of Sherman street to the northeasterly line of Broadway; thence northeasterly deflecting to the left 9 degrees, 32 minutes, 50 seconds for 299.89 feet along the northwesterly line of Sherman street to the southwesterly line of Camelia street; thence southeasterly deflecting to the right 90 degrees, 59 minutes, 55 seconds for 60.01 feet along the southwesterly line of Camelia street to the southeasterly line of Sherman street; thence southwesterly deflecting to the right 89 degrees, 00 minutes, 10 seconds for 303.31 feet along the southeasterly line of Sherman street to the northeasterly line of Broadway; thence southwesterly deflecting to the right 9 degrees, 40 minutes, 22 seconds for 75.34 feet along the southeasterly line of Sherman street to the southwesterly line of Broadway; thence southwesterly deflecting to the left 5 degrees, 25 minutes, 12 seconds for 463.80 feet along the southeasterly line of Sherman street; thence southerly for 2,548.98 feet along the easterly line of Sherman street to the northerly line of Webster avenue, the point or place of beginning.

Parcel "C."

Beginning at a point formed by the intersection of the northeasterly line of Camelia street with the southeasterly line of Sherman street; running thence northwesterly for 60.01 feet along the northeasterly line of Camelia street to the northwesterly line of Sherman street; thence northeasterly deflecting to the right 89 degrees, 00 minutes, 10 seconds for 344.29 feet along the northwesterly line of Sherman street to the southwesterly line of Jamaica avenue; thence southeasterly deflecting to the right 85 degrees, 42 minutes, 00 seconds for 60.17 feet along the southwesterly line of Jamaica avenue to the southeasterly line of Sherman street; thence southwesterly for 349.84 feet along the southeasterly line of Sherman street to the northeasterly line of Camelia street, the point or place of beginning.

Parcel "D."

Beginning at a point formed by the intersection of the northeasterly line of Jamaica avenue with the southeasterly line of Sherman street; running thence northwesterly for 60.17 feet along the northeasterly line of Jamaica avenue to the northwesterly line of Sherman street; thence northeasterly deflecting to the right 94 degrees, 18 minutes, 00 seconds for 308.46 feet along the northwesterly line of Sherman street to the southwesterly line of Elm street; thence southeasterly deflecting to the right 86 degrees, 31 minutes, 25 seconds for 60.11 feet along the southwesterly line of Elm street to the southeasterly line of Sherman street; thence southwesterly for 307.60 feet along the southeasterly line of Sherman street to the northeasterly line of Jamaica avenue, the point or place of beginning.

Parcel "E."

Beginning at a point formed by the intersection of the northeasterly line of Elm street with the southeasterly line of Sherman street; running thence northwesterly for 60.11 feet along the northeasterly line of Elm street to the northwesterly line of Sherman street; thence northeasterly deflecting to the right 93 degrees, 28 minutes, 35 seconds for 699.13 feet along the northwesterly line of Sherman street to the southwesterly line of Grand avenue; thence southeasterly deflecting to the right 89 degrees, 35 minutes, 50 seconds for 60. feet along the southwesterly line of Grand avenue to the southeasterly line of Sherman street; thence southwesterly for 695.93 feet along the southeasterly line of Sherman street to the northeasterly line of Elm street, the point or place of beginning.

MARION STREET.

Parcel "A."

Beginning at a point formed by the intersection of the northerly line of Fourteenth street with the easterly line of Marion street; running thence westerly for 63.45 feet along the northerly line of Fourteenth street to the westerly line of Marion street; thence northerly deflecting to the right 108 degrees, 59 minutes, 00 seconds for 529.58 feet along the westerly line of Marion street to the southerly line of Harris avenue; thence northerly deflecting to the left 00 degrees, 45 minutes, 58 seconds for 80.01 feet along the westerly line of Marion street to the northerly line of Harris avenue; thence northerly deflecting to the right 3 degrees, 35 minutes, 17 seconds for 2,959.69 feet along the westerly line of Marion street to the southerly line of Freeman avenue; thence northerly deflecting to the left 9 degrees, 13 minutes, 23 seconds for 75.03 feet along the westerly line of Marion street to the northerly line of Freeman avenue; thence northerly deflecting to the left 1 degree, 34 minutes, 57 seconds for 475.42 feet along the westerly line of Marion street to the southerly line of Webster avenue; thence easterly deflecting to the right 90 degrees for 50 feet along the southerly line of Webster avenue to the easterly line of Marion street; thence southerly deflecting to the right 90 degrees for 475.42 feet along the easterly line of Marion street to the northerly line of Freeman avenue; thence southerly deflecting to the left 6 degrees, 51 minutes, 04 seconds for 75.54 feet along the easterly line of Marion street to the southerly line of Freeman avenue; thence southerly deflecting to the right 17 degrees, 39 minutes, 24 seconds for 2,968.19 feet along the easterly line of Marion street to the northerly line of Harris avenue; thence southerly deflecting to the left 3 degrees, 35 minutes, 17 seconds for 80.01 feet along the easterly line of Marion street to the southerly line of Harris avenue; thence southerly for 508.94 feet along the easterly line of Marion street to the northerly line of Fourteenth street, the point or place of beginning.

Parcel "B."

Beginning at a point formed by the intersection of the northerly line of Webster avenue with the easterly line of Marion street; running thence westerly for 50 feet along the northerly line of Webster avenue to the westerly line of Marion street; thence northerly deflecting to the right 90 degrees for 2,728.57 feet along the westerly line of Marion street to the southerly line of Ridge street; thence easterly deflecting to the right 100 degrees, 40 minutes, 55 seconds for 50.88 feet along the southerly line of Ridge street to the easterly line of Marion street; thence southerly for 2,719.15 feet along the easterly line of Marion street to the northerly line of Webster avenue, the point or place of beginning.

Sherman street is shown upon the Commissioners' Map of Long Island City and filed in the office of the Clerk of the County of Queens, at Jamaica, April 25, 1873, and amendments thereto as follows:

Adopted by Board of Estimate and Apportionment, February 26, 1909. Filed at County Clerk's office, Jamaica, April 15, 1909. Filed at Borough President's office, April 20, 1909. Filed in the Corporation Counsel's office, April 20, 1909. Adopted by Board of Estimate and Apportionment, June 18, 1909. Filed at County Clerk's office, Jamaica, August 10, 1909. Filed at Borough President's office, August 13, 1909. Filed in the Corporation Counsel's office, August 13, 1909. Adopted by Board of Estimate and Apportionment, June 1, 1911. Filed at County Clerk's office, Jamaica, July 27, 1911. Filed at Borough President's office, August 1, 1911. Filed in the Corporation Counsel's office, August 1, 1911.

Marion street is shown upon the Commissioners' Map of Long Island City and filed in the office of the Clerk of the County of Queens at Jamaica, April 25, 1873, and amendments thereto, as follows:

Adopted by Board of Estimate and Apportionment, February 26, 1909. Filed at County Clerk's office, Jamaica, April 15, 1909. Filed at Borough President's office, April 20, 1909. Filed in the Corporation Counsel's office, April 20, 1909. Adopted by Board of Estimate and Apportionment, June 18, 1909. Filed at County Clerk's office, Jamaica, August 10, 1909. Filed at Borough President's office, August 13, 1909. Filed in the Corporation Counsel's office, August 13, 1909. Adopted by Board of Estimate and Apportionment, June 1, 1911. Filed at County Clerk's office, Jamaica, July 27, 1911. Filed at Borough President's office, August 1, 1911. Filed in the Corporation Counsel's office, August 1, 1911.

The Board of Estimate and Apportionment on the 18th day of November, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the easterly line of the Boulevard, midway between Thirteenth street and Fourteenth street, and running thence northwardly along the easterly line of the Boulevard to the intersection with the prolongation of a line midway between Sherman street and the Boulevard as these streets are laid out between Harris avenue and Bodine street; thence northwardly along the said line midway between Sherman street and the Boulevard and along the prolongation of the said line to the intersection with the southerly line of Harris avenue; thence northerly in a straight line to a point on the northerly line of Harris avenue midway between Sherman street and the Boulevard; thence northwardly along a line always midway between Sherman street and the Boulevard as these streets are laid out between Harris avenue and Sanford street and along the prolongation of the said line to the intersection with a line bisecting the angle formed by the intersection of the easterly line of the Boulevard and the prolongation of the westerly line of Sherman street as these streets are laid out between Broadway and Ridge street; thence northwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of the Boulevard and the westerly line of Sherman street as these streets are laid out between Camelia street and Broadway; thence northwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of the Boulevard and the westerly line of Sherman street as these streets are laid out southerly from and adjoining Elm street; thence northwardly along the said bisecting line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the easterly line of the Boulevard and the westerly line of Sherman street; thence northwardly along the said line midway between Sherman street and the Boulevard and along the prolongation of the said line to the intersection with the southerly line of Welling street; thence northwardly and parallel with Sherman street to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Welling street as this street is laid out westerly from and adjoining Grand avenue, the said distance being measured at right angles to Welling street; thence eastwardly along the said line parallel with Welling street and along the prolongation of the said line to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Grand avenue, the said distance being measured at right angles to Grand avenue; thence eastwardly along the said line parallel with Grand avenue to the intersection with the prolongation of a line midway between Sherman street and Hopkins avenue as these streets are laid out between Grand avenue and Broadway; thence southwardly along the said line midway between Sherman street and Hopkins avenue and along the prolongation of the said line to the intersection with a line midway between Broadway and Ridge street; thence eastwardly along the said line midway between Broadway and Ridge street to the intersection with the prolongation of a line midway between Hopkins avenue and Marion street; thence southwardly along the said line midway between Hopkins avenue and Marion street and along the prolongation of the said line to the intersection with the northerly line of Freeman avenue; thence southwardly in a straight line to a point on the southerly line of Freeman avenue midway between Van Alst avenue and Marion street; thence southwardly along a line always midway between Van Alst avenue and Marion street and along the prolongation of the said line to the intersection with the southerly line of Fourteenth street; thence southwardly at right angles to Fourteenth street a distance of 100 feet; thence westwardly and parallel with Fourteenth street to the point or place or beginning.

Dated New York, October 28, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York.

o28,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 RIDGE STREET, from the Boulevard to Academy street, in the First Ward, Borough of Queens, City of New York.

PURSUANT TO THE STATUTE IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, Second Department, at a Special Term of said Court, to be held for the hearing of motions, in the County Court House, in the County of Kings, in the Borough of Brooklyn, in The City of New York, on Friday, the 10th day of November, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and one Commissioner of Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York in fee, for the use of the public, to all lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening and extending of Ridge street, from the Boulevard to Academy street, in the First Ward, Borough of Queens, City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point formed by the intersection of the easterly line of the Boulevard with the southerly line of Ridge street; running thence northerly for 50.87 feet along the easterly line of the Boulevard to the northerly line of Ridge street; thence easterly deflecting to the right 100 degrees, 37 minutes, 01 second for 2,452.86 feet along the northerly line of Ridge street to the westerly line of the Crescent; thence easterly deflecting to the right 3 degrees 11 minutes, 48 seconds for 75.10 feet along the northerly line of Ridge street to the easterly line of the Crescent; thence easterly deflecting to the left 7 degrees, 27 minutes, 58 seconds for 423.51 feet along the northerly line of Ridge street to the westerly line of Academy street; thence southerly deflecting to the right 89 degrees, 56 minutes, 40 seconds for 60.00 feet along the westerly line of Academy street to the southerly line of Ridge street; thence westerly deflecting to the right 90 degrees, 03 minutes, 20 seconds for 428.42 feet along the southerly line of Ridge street to the easterly line of the Crescent; thence westerly deflecting to the right 15 degrees, 07 minutes, 55 seconds for 76.29 feet along the southerly line of Ridge street to the westerly line of the Crescent; thence westerly for 2,443.28 feet along the southerly line of Ridge street to the easterly line of the Boulevard, the point or place of beginning.

Ridge street is shown upon the Commissioners' Map of Long Island City, filed in the office of the Clerk of the County of Queens at Jamaica, April 25, 1873, and upon an amendment thereto adopted by the Board of Estimate and Apportionment June 18, 1909, and filed in the office of the Clerk of the County of Queens at Jamaica, August 10, 1909, in the office of the President of the Borough of Queens, August 13, 1909, and in the office of the Counsel to the Corporation of The City of New York on or about the same date.

The Board of Estimate and Apportionment on the 15th day of December, 1910, duly fixed and determined the area of assessment for benefit in this proceeding as follows:

Beginning at a point on the prolongation of a line distant 100 feet southerly from and parallel with the southerly line of Ridge street, the said distance being measured at right angles to Ridge street, distant 100 feet easterly from the easterly line of Academy street and running thence westwardly and always distant 100 feet southerly from and parallel with the southerly line of Ridge street and the prolongation thereof, to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the centre lines of Sanford street and Ridge street as these streets are laid out between the Boulevard and Sherman street; thence westwardly along the said bisecting line to the intersection with a line distant 100 feet westerly from and parallel with the westerly line of the Boulevard, the said distance being measured at right angles to the Boulevard; thence northwardly along the said line parallel with the Boulevard to the intersection with a line at right angles to the Boulevard, and passing through a point on its easterly side where it is intersected by a line midway between Broadway and Ridge street as these streets are laid out adjoining the Boulevard; thence eastwardly along the said line at right angles to the Boulevard to its easterly side; thence eastwardly along a line always midway between Broadway and Ridge street, and along the prolongation of the said line to the intersection with a line parallel with Academy street and passing through the point of beginning; then southwardly along the said line parallel with Academy street to the point or place of beginning.

Dated New York, October 28, 1911.

ARCHIBALD R. WATSON, Corporation Counsel, Hall of Records, Borough of Manhattan, City of New York.

o28,n9

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to closing and discontinuing a portion of CONCORD STREET, from Washington street to a point 105 feet

west of Washington street located below the Bridge Storage Yard, in the Fourth Ward of the Borough of Brooklyn, The City of New York.

WE, THE UNDERSIGNED, COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, and having objections thereto, do present their said objections in writing, duly verified, to us at our office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 9th day of November, 1911, and that we, the said Commissioners of Estimate and Assessment, will hear parties so objecting, and for that purpose will be in attendance at our said office on the 10th day of November, 1911, at 3.30 o'clock p. m.

Second—That a true copy of transcript of our said estimate and assessment, together with our damage and benefit maps, have been deposited in the office of the Clerk of Kings County, in the Borough of Brooklyn, in said City, there to remain until the 10th day of November, 1911.

Third—That our 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 21st day of December, 1911, at the opening of the Court on that day, or as soon thereafter as counsel can be heard.

Dated Borough of Brooklyn, New York, October 28, 1911.

HENRY B. KETCHAM, JOHN A. WARREN, FRANK V. KELLY, Commissioners.

EDWARD RIEGELMANN, Clerk. o28,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 JEROME AVENUE, from East 17th street to Ocean avenue, in the Thirty-first Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 15th day of November, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 16th day of November, 1911, 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, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 15th day of November, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 17th day of November, 1911, 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 21st day of May, 1909, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Brooklyn, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line midway between East 16th street and East 17th street where it is intersected by a line bisecting the angle formed between the southerly line of Jerome avenue and the northerly line of Voorhees avenue, and running thence northwardly along the said line midway between East 16th street and East 17th street to the intersection with a line bisecting the angle formed between the northerly line of Jerome avenue and the southerly line of Avenue Z; thence eastwardly along the said bisecting line to the intersection with a line distant 100 feet northerly from and parallel with the northerly line of Jerome avenue the said distance being measured at right angles to the line of Jerome avenue; thence eastwardly and parallel with Jerome avenue to the intersection with the prolongation of a line located midway between Ocean avenue and East 21st street; thence southwardly along the said line midway between Ocean avenue and East 21st street and along the prolongation of the said line to the intersection with a line bisecting the angle formed between the southerly side of Jerome avenue and the northerly line of Voorhees avenue; thence westwardly along the said bisecting line 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, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 27th day of November, 1911.

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 11th day of December, 1911, 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 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 27, 1911.

AARON H. EASTMOND, ANDREW J. CORSA, Commissioners of Estimate; AARON H. EASTMOND, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. o27,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 for the same purpose in fee, to the lands, tenements and hereditaments required for the opening and extending of ATKINS AVENUE from Pitkin avenue to New Lots avenue, in the 26th Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 13th day of November, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 15th day of November, 1911, at 3.30 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 13th day of November, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 16th day of November, 1911, at 3.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 19th day of June, 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 prolongation of a line midway between Atkins avenue and Berriman street, as laid out northerly from New Lots avenue, where it intersects the southerly line of New Lots avenue; and running thence northwardly along the said line midway between Atkins avenue and Berriman street to a point distant 100 feet northerly from the northerly line of Pitkin avenue; thence eastwardly and parallel with Pitkin avenue to the intersection with a line midway between Montauk avenue and Atkins avenue; thence southwardly along the said line midway between Montauk avenue and Atkins avenue to the intersection with the northerly line of New Lots avenue; thence southwardly at right angles to the line of New Lots avenue to a point distant 100 feet southerly from its southerly line; thence westwardly and parallel with New Lots avenue to the intersection with a line at right angles to New Lots avenue, passing through the point of beginning; thence northwardly along the said line at right angles to New Lots 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, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 24th day of November, 1911.

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 11th day of December, 1911, 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 award 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 25, 1911.

EDMUND D. HENNESSY, Chairman; JOHN J. KILCOURSE, FORTESCUE C. METCALFE, Commissioners of Estimate; FORTESCUE C. METCALFE, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. o25,n11

SECOND DEPARTMENT.

In the matter of the application of The City of New York, relative to closing and discontinuing COWENHOVEN LANE, from Twelfth avenue to Fifty-fifth street, in the Thirtieth Ward of the Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN THAT THE final report of the Commissioners of Estimate and 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 Special Term thereof to be held in the County Court House, in the Borough of Brooklyn, City of New York, on the 9th day of November, 1911, at 10 o'clock in the forenoon of that day, and that a true transcript of said final report has been deposited in the office of the Clerk of the County of Kings, there to remain for and during the space of fourteen days, as required by law.

Dated New York, October 23, 1911.

EDWARD LAZANSKY, ADOLPH PETTENTOFER, FORTESCUE C. METCALFE, Commissioners of Estimate and Assessment.

EDWARD RIEGELMANN, Clerk. o23,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 AVENUE P, from Ocean avenue to Coney Island avenue, and from Coney Island avenue to Gravesend avenue, in the Thirty-first Ward, Borough of Brooklyn, The City of New York.

NOTICE IS HEREBY GIVEN TO ALL PERsons interested in the above entitled proceeding, and to the owner or owners, occupant or occupants of all houses and lots and improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That the undersigned, Commissioners of Estimate, have completed their estimate of damage, and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with them at their office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 13th day of November, 1911, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 14th day of November, 1911, at 2.30 o'clock p. m.

Second—That the undersigned, Commissioner of Assessment, has completed his estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, 166 Montague street, in the Borough of Brooklyn, in The City of New York, on or before the 13th day of November, 1911, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 15th day of November, 1911, at 2.30 o'clock p. m.

Third—That the Commissioner of Assessment has assessed any or all such lands, tenements and hereditaments and premises as are within the area of assessment fixed and prescribed as the area of assessment for benefit by the Board of Estimate and Apportionment on the 22d day of May, 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.:

Bounded on the north by a line midway between Avenue O and Avenue P; on the east by a line midway between Ocean avenue and East 21st street; on the south by a line midway between Avenue P and Avenue Q; and on the west by a line midway between Gravesend avenue and West street.

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, 166 Montague street, in the Borough of Brooklyn, in said City, there to remain until the 22d day of November, 1911.

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 11th day of December, 1911, 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 23, 1911.

JAMES M. DOREMUS, GEO. E. BURR, THOMAS J. McHALE, Commissioners of Estimate; GEO. E. BURR, Commissioner of Assessment.

EDWARD RIEGELMANN, Clerk. o23,n9

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

Resoved, That, while the said sale is held under the supervision of the Commissioner 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 to the amount of five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

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.