THE CITY RECORD.

VOL. XLIV. NUMBER 13099. NEW YORK, TUESDAY, JUNE 13, 1916. PRICE, 3 CENTS.

THE CITY RECORD.

OFFICIAL JOURNAL OF THE CITY OF NEW YORK.
Published Under Authority of Section 1526, Greater New York Charter, by the
BOARD OF CITY RECORD.
JOHN PURROY MITCHEL, MAYOR.
LAMAR HARDY, CORPORATION COUNSEL. WILLIAM A. PRENDERGAST, COMPTROLLER.

DAVID FERGUSON, SUPERVISOR.

Supervisor's Office, Municipal Building, 8th floor.

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

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

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

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

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

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

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BOARD OF ESTIMATE AND APPORTIONMENT.

Notice of Public Hearing.

Building Districts and Restrictions.

In the Matter of the Adoption by the Board of Estimate and Apportionment of Resolutions:

(1) Regulating and limiting throughout the City of New York the heights and bulk of buildings hereafter erected and regulating and determining the area of yards, courts and other open spaces, and dividing the City into districts to carry out the purposes of said regulations, pursuant to the provisions of Section 242a of the Greater New York Charter, and

(2) Regulating and restricting throughout the City of New York the location of trades and industries and the location of buildings designed for specified uses, and dividing the City into districts to carry out the purposes of said regulations pursuant to the provisions of Section 242b of the Greater New York Charter.

NOTICE IS HEREBY GIVEN to all persons interested in the above entitled matters, and to the owners, lessees and occupants of all buildings and lots, and improved and unimproved lands within the City of New York, and to all others whom it may concern, to wit:

First—The Commission duly appointed by the Board of Estimate and Apportionment, pursuant to the provisions of Sections 242a and 242b of the Greater New York Charter, have filed with the Board of Estimate and Apportionment their FINAL REPORT containing, among other matters, a proposed resolution designed to provide the above described regulations. This report will be open to the inspection of the public during office hours, in the office of the Secretary of the Committee on City Plan of the Board of Estimate and Apportionment, Room 501, Municipal Building, until June 19, 1916.

Second—The Board of Estimate and Apportionment will hold a public hearing on the FINAL REPORT AND PLANS submitted by said Commission, at 10:30 a. m. on JUNE 19, 1916, in Room 16 of the City Hall, at which time and place an opportunity to be heard will be afforded to all persons interested.

Dated, June 7, 1916.

JOSEPH HAAG, Secretary, Municipal Building; telephone, 4560 Worth.

j 7,17.

Public Hearing on the Question of the Collection and Disposal of Trade Waste.

PUBLIC NOTICE IS HEREBY GIVEN that the Board of Estimate and Apportionment will hold a public hearing on WEDNESDAY, JUNE 21, 1916, at 2.30 o'clock p. m., in Room 16, City Hall, Borough of Manhattan, on the question of the collection and disposal of trade waste, as set forth in the report of the Commissioner of Street Cleaning, dated April 25, 1916, which report was presented to the Board on May 12, 1916 (Cal. No. 80).

The report of the Commissioner of Street Cleaning referred to herein appears in the minutes of the meeting of the Board of Estimate and Apportionment held on May 12, 1916. (See CITY RECORD of Tuesday, May 23, 1916, page 3888.)

Dated June 1, 1916.

j1,21 JOSEPH HAAG, Secretary, Municipal Building; Telephone 4560 Worth.

Park Board.

Stated Meeting, Thursday, June 1, 3 P. M.

Present—Commissioners Ward (President), Whittle, Ingersoll, Weier.

Sealed bids were received for the following:

1. For all labor and materials required for the erection and completion of the Children's Garden House for the Brooklyn Botanic Garden, located on Washington ave., opposite Crown and Montgomery sts., Brooklyn, together with all the work incidental thereto.

2. For all labor and material required for the erection and completion of the plumbing, drainage, water supply system and plumbing fixtures required for the Children's Garden House for the Brooklyn Botanic Garden, located on Washington ave., opposite Crown and Montgomery sts., Brooklyn, together with all the work incidental thereto.

3. For furnishing all labor and materials necessary to construct and complete reinforced concrete tunnel under the East Drive, near the Willink Entrance, Prospect Park, Brooklyn, together with all work incidental thereto.

4. For furnishing all labor and materials for constructing vitrified pipe sewers and appurtenances in Prospect Park, Brooklyn, together with work incidental thereto.

Communications were received as follows: From Dr. W. A. Goodall, enclosing certificate of illness of Herman Letkeman, photographer.

From the Central Purchase Committee, notifying this department that it was impossible to change the hour of opening bids on June 1, on account of the number of commissioners required to attend the opening on that day.

From Alderman Harry Robitzek, Chairman, Committee on Codification of Ordinances, forwarding copies of amendatory ordinances.

From the Public Service Commission, in reference to reducing width of top soil from 8 in. to 6½ in., so that such top soil will not extend beneath the tracks, in property north of 180th st.

On motion of Commissioner Ward, seconded by Commissioner Ingersoll, the Secretary of the Park Board was instructed to consult with the Corporation Counsel, with a view to obtaining his *opinion on the necessity and advisability* of amending section 12, article 1, chapter 17, being the Park Ordinances, as suggested by Alderman.

The following resolution was adopted:

Resolved, That the resolution of the Park Board, dated April 13, 1916, be amended to read as follows:

Resolved, That the President of the Park Board communicate to the Public Service Commission the action of the Park Board in approving a modification of the resolution of settlement between this Department and the Public Service Commission, First District, in respect to the Bronx Park strip, and substituting for the words "and to plant a row of Lombardy poplar trees thereon" the following "and to plant a privet hedge and a row of Bolleana poplars thereon; the privet to be spaced about one foot apart, and the Bolleana poplars to be planted six and one-half feet apart in a row among the privet with groups of from three to five Bolleana poplars planted 4 feet apart at intervals of from one to two hundred feet, and at the ends."

The following resolution was also adopted:

Resolved, That the Park Board put in the Park Board budget the salary of Joseph Gatringer, Assistant Landscape Architect, at $2,400, or whatever amount the Bureau of Standards has fixed the salary of the grade above the minmum for that position.

Time was extended on the following contracts: Frank J. Lennon Company for furnishing and delivering forage, for Department of Parks, Manhattan, dated Jan. 6, 1916, for which bids were received by the Central Purchase Committee, to June 15, 1916. Frank J. Lennon Company, for furnishing and delivering forage for parks in Manhattan, dated May 4, 1916, for which bids were received by the Central Purchase Bureau, to June 15, 1916. The Sicilian Asphalt Paving Company, for paving with asphaltic concrete Riverside Drive from 91st to 114th st., including the approaches to the Drive at Cathedral Parkway and the intersection at 79th st., in the Borough of Manhattan, fifteen working days from the expiration of the contract.

Contracts Awarded.

1. For furnishing and delivering forage for the Department of Parks, Boroughs of Manhattan and Richmond.

2. For furnishing and delivering cleaning materials and compounds for the Boroughs of Manhattan and Richmond.

3. For furnishing and delivering forage for the Department of Parks, Borough of Brooklyn.

4. For furnishing and delivering forage for the Department of Parks, Borough of The Bronx.

5. For all labor and materials required for the erection and completion of Cypress Arbor and railing in Children's Playground, Betsy Head Memorial Playground, Brooklyn, together with all the work incidental thereto.

6. For all labor and materials required for the erection and completion of the Children's Garden House for the Brooklyn Botanic Garden, located on Washington ave., opposite Crown and Montgomery sts., Brooklyn.

8. For all labor and materials to construct and complete reinforced concrete tunnel under the East Drive near the Willink entrance, Prospect Park, Brooklyn.

Contracts Executed—June 2: Rodgers & Hagerty, Inc., 152d st. and Harlem River, Bronx, 30,000 cubic yards earth fill, Shore Road, Brooklyn, $10,500; surety, Fidelity and Deposit Company of Maryland.

June 3: Standard Oil Company of New York, 26 Broadway, Non-Asphaltic Road Oil, Brooklyn, $3,531.75; surety, Casualty Company of America.

LOUIS W. FEHR, Secretary.

Borough of The Bronx.

Report for Week Ended May 31, 1916, exclusive of Bureau of Buildings:

Permits Issued—Sewer connections and repairs, 14; water connections and repairs, 48; laying gas mains and repairs, 33; placing building material on public highway, 9; crossing sidewalk with team, 10; miscellaneous, 116; total, 230.

Money Received—Permits for sewer connections, $55; permits for restoring and repaving streets, $441.13; permits for lowering curb, $72.16; permits for street signs, $6; sales of maps, $2.50; total, $576.79.

Security deposits, received on account of permits and transmitted to Comptroller, $1,195.

Laboring Force Employed—Bureau of Sewers and Highways: Foremen, 40; Assistant Foremen, 2; teams, 77; carts, 15; Mechanics, 58; Laborers, 430; Drivers, 5; total, 627. Bureau of Sewers—Engineering: Foremen, 1; Laborers, 7; total, 8. Bureau of Public Buildings and Offices: Mechanics, 6; Laborers, 22; Watchmen, 2; total, 30. Topographical Bureau: Laborers, 3; Driver, 1; total, 4. Administration: Laborers, 5; Mechanics, 1; total, 6.

Contracts Entered Into—Sewers, etc., Radcliffe avenue, between Sacket street and Summit street, north of Morris Park avenue, etc., Marrone & Palladino; surety, Maryland Casualty Co., Fidelity & Deposit Co. of Maryland and Casualty Co. of America, $137,960.75. Paving E. 199th street, from Bainbridge avenue to Briggs avenue, The Barber Asphalt Paving Co.; surety, U. S. Fidelity & Guaranty Co., $1,830.40. regulating, etc., W. 233d street, from Broadway to Albany road; W. 234th street, from Kingsbridge road to Albany road, Victor Zambetti; surety, Globe Indemnity Co., $11,288. Regulating, etc., Digney avenue, from 233d street to 237th street, M. Di Menna Const. Co.; surety, International Fidelity & Insurance Co. of Jersey City, N. J., $13,165.76.

DOUGLAS MATHEWSON, President.

BUREAU OF BUILDINGS.

Report for the Week Ended June 3, 1916.

Plans filed: For new buildings, 14; estimated cost, $499,600; for alterations, 11; estimated cost, $24,150; unsafe cases filed, 22; violation cases filed, 89; unsafe notices issued, 32; violation notices issued, 107; violation cases forwarded for prosecution, 1; complaints lodged with the Bureau, 23; pieces of iron and steel inspected, 1,419.

ROBERT J. MOOREHEAD, Superintendent.

BOARD OF ESTIMATE AND APPORTIONMENT.

Minutes of Meeting of Board of Estimate and Apportionment, Held in Room 16, City Hall, Friday, June 2, 1916.

The Board met in pursuance of an adjournment.

Present—John Purroy Mitchel, Mayor; Alexander Brough, Deputy and Acting Comptroller; Frank L. Dowling, President, Board of Aldermen; Marcus M. Marks, President, and Ralph Folks, Acting President, Borough of Manhattan; Lewis H. Pounds, President, Borough of Brooklyn; Douglas Mathewson, President, Borough of The Bronx; Maurice E. Connolly, President, Borough of Queens, and Calvin D. Van Name, President, Borough of Richmond.

The Mayor, Hon. John Purroy Mitchel, presided.

Approval of Minutes (Cal. No. 1).

The Minutes of the meeting held May 19, 1916, were approved as printed in the CITY RECORD May 31, 1916.

PUBLIC HEARINGS.

On Franchises.

Hudson and Manhattan Railroad Company (Cal. No. 2).

Consideration of the communication from the Public Service Commission for the First District, transmitting for approval forms of three certificates to the Hudson and Manhattan Railroad Company, as follows:

(a) Modifying certificate of May 4, 1909, for extension to Grand Central Station.
(b) Modifying certificate of February 2, 1905, to the New York and Jersey Railroad Company for 33d Street Extension.
(c) Modifying certificate of November 24, 1903, for Cortlandt and Fulton Street Tunnels.

This communication was presented to the Board at the meeting of April 28, 1916 (Cal. No. 202). By resolution, duly adopted, May 5, 1916, was fixed as the date for consideration, and the communication was referred to the Committee on Transit.

On May 5, 1916 (Cal. No. 3), the consideration was continued until May 19, 1916 (Cal. No. 2), when it was continued until this day.

An affidavit of publication of the notice of continued consideration was received from the CITY RECORD. No one appeared in opposition. R. P. Reed of Stetson, Jennings and Russell, counsel for the Company, appeared in favor. The President of the Borough of The Bronx, Chairman of the Committee on Transit, stated his committee was not ready to report and suggested the consideration be continued.

The consideration was continued until June 16, 1916.

Automatic Scoreboard Company, Inc. (Cal. No. 3).

Hearing on the petition of the Automatic Scoreboard Company, Inc., for a franchise to construct, maintain and operate electrical conductors in and through the streets and highways for the purpose of operating automatic baseball scoreboards to be located on premises of subscribers.

The hearing was fixed for this day by resolution adopted May 5, 1916 (Cal. No 111), and the matter was referred to the Bureau of Franchises.

Affidavits of publication were received from the "Evening World," "New York Press" and CITY RECORD. No one appeared in opposition to or in favor of the proposed grant and the Chair declared the hearing closed.

The Secretary presented the following:

Bureau of Franchises, May 22, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—On May 5, 1916, there was presented to the Board a petition from The Automatic Scoreboard Company, Inc., requesting a grant of franchise

> "to construct, maintain and operate electrical conductors in and through the streets and highways of the City of New York, for the purpose of operating automatic baseball scoreboards to be located on the premises of subscribers."

In its petition the Company also requests a temporary permit for the operation of the scoreboards pending the grant of a franchise.

On May 5, 1916, a resolution was adopted fixing Friday, June 2, 1916, as the date for the first hearing on the petition, notice of which was published in the CITY RECORD and in the daily newspapers designated by the Mayor. Meanwhile, a preliminary investigation has been made into the matter, with the following result:

The Automatic Scoreboard Company, Inc., is a corporation organized on April 22, 1916, under Article 9 of the Transportation Corporations Law of the State of New York, for the purpose

> "of constructing, owning, leasing, renting, using, maintaining and operating lines of telegraph or electrical conductors for public or private use; of constructing, owning, leasing, renting, using, maintaining and operating apparatus to be used in connection therewith; of installing such wires or apparatus in or on public or private buildings or grounds; of connecting such apparatus and wires or conductors; of automatically exhibiting by scoreboards or other apparatus information or messages transmitted, and of leasing, renting, using, maintaining and operating said wires and apparatus."

The capital stock of the corporation is $25,000, and its existence is limited to fifty years. The Company is said to be the owner of a patented automatic scoreboard, to be used for the purpose of exhibiting the results of baseball games. It is proposed to install the boards in cafes, halls and other semi-public places upon the payment of a certain fixed sum per day or week. The boards are to be operated by electricity from a central office or from central offices, at which points information as to the progress of the games will be received direct from the baseball park. It has not as yet been determined how many boards may be operated or how large a district may be covered from one central office. The Company does not intend to lay its own electrical conductors for operating the scoreboards, but will make an arrangement with the New York Telephone Company for the use of its spare wires.

No similar system has ever before been operated in this City, nor, so far as can be learned, in any other city of the country, except in San Francisco, where the persons interested in the present venture carried on an experimental operation during the summer of 1915. This operation was very limited in extent and is explained in a letter which the Company submits with its application. The principal object of the experiment was to demonstrate the practicability of the mechanical features of the apparatus. In this respect the operation was said to be successful, but as a basis for ascertaining overhead charges, cost of maintenance and operation or establishing rates for service, the experiment was said to be valueless. For the purpose of obtaining this information, the Company proposes, with the Board's permission, to establish from the central office at No. 243 West 42d Street, temporary operation within a limited district in the vicinity of the central office during so much of the baseball season of 1916 as may remain after the consent is obtained. The professional baseball season closes about October 15th. The temporary operation is to be limited to twenty scoreboards, which the Company has already obtained and which may be put into immediate use. An arrangement has been made with the telephone company for leasing the wires for the operation of the boards. The Company has already made tentative contracts with several subscribers at rates which are subject to change, dependent mainly upon two conditions, i. e., the cost of furnishing the service and the value of the service to the subscriber. These items can, of course, be determined only by actual operation.

As has been said, this is a new venture, in regard to which nothing is known, except that it is mechanically practicable. Therefore, the Bureau is not in a position at present to suggest such terms or conditions for a franchise as would be calculated with any certainty to properly control the operation of the system. A limited and temporary operation such as the Company suggests would no doubt afford an opportunity for study and observation which would supply the necessary information.

In a somewhat similar situation the Board was asked for a franchise, but the Bureau was without definite data for the fixation of terms and conditions. In order to obtain this information and, incidentally, to try out the necessity for the service, the Board authorized the temporary operation under a revocable privilege. I would recommend that a similar course be followed in this case and have prepared a form of revocable privilege with a maximum term of six (6) months, but terminable at any time, on notice. As compensation for the privilege I would suggest that the sum of three hundred dollars ($300) be fixed. This sum is simply to compensate the City for the limited and temporary privilege granted and is not to be used as a basis for computing compensation for any permanent franchise rights, should the Company obtain such. As the Company does not propose to lay its own conductors, the surface of the streets will not be disturbed and there is no necessity, therefore, for requiring a security deposit to protect the City against loss in this respect.

Should the Board desire to authorize the temporary operation, I would suggest that the preliminary hearing on the franchise petition be closed and the matter referred back to this Bureau pending the result of the experimental operation, and that a resolution be adopted granting the revocable privilege in the form submitted herewith.

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

The following resolution was offered:

Whereas, The Automatic Scoreboard Company, Inc., has, under date of April 24, 1916, applied to the Board for a franchise to construct, maintain and operate electrical conductors in and through the streets and highways of the City, for the purpose of operating automatic baseball scoreboards, to be located on the premises of subscribers, and has also applied for a temporary permit to operate such conductors pending the grant of a franchise; and

Whereas, A preliminary report has this day been presented to the Board by the Bureau of Franchises, suggesting the advisability of authorizing temporary operation of such conductors and scoreboards for the purpose of obtaining the necessary data upon which to base terms and conditions for a franchise; now, therefore, be it

Resolved, That the Automatic Scoreboard Company, Inc., is hereby authorized to operate electrical conductors and to operate by means thereof not more than twenty (20) automatic baseball scoreboards to be located on the premises of subscribers within the Borough of Manhattan, upon and subject to the following terms and conditions:

1. This consent shall be continued only during the pleasure of the Board and shall be revocable immediately upon notice to the grantee, but in no case shall it extend beyond a term of six (6) months from the date of the adoption of this resolution by the Board. Upon the giving of notice of revocation, the operation of the electrical conductors shall be immediately discontinued and all rights of the grantee hereunder shall cease and determine.

2. The electrical conductors for the operation of such scoreboards shall be hired or leased from the New York Telephone Company and nothing contained in such agreement of hiring or lease shall be deemed to affect the right of the City to revoke the privilege hereby granted without notice, as herein provided. The grantee shall furnish to the Board copies of any such agreement of hiring or lease within ten days after the same shall have been executed.

3. The grantee shall pay into the treasury of the City, as compensation for the privilege hereby granted, the sum of three hundred dollars ($300). Such payment shall be made within thirty days after the date on which this resolution shall be adopted by the Board, and before anything is done in exercise of the privilege hereby granted. Such payment shall not be construed 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.

4. The grantee shall operate its electrical conductors and scoreboards subject to the supervision and control of all the authorities of the City who have jurisdiction in such matters, as provided by the Charter of the City, and in strict compliance with all laws or ordinances or departmental rules and regulations now in force or which may be adopted affecting companies operating electrical conductors in the City. Such electrical conductors shall not be connected with the scoreboards until written permits shall be obtained from the proper City officials. In any permits so issued, such officials may impose such conditions as a condition of the granting of the same as in the estimation of such officials may be necessary, and the grantee shall comply with such conditions.

5. The rates to be charged by the grantee for scoreboard service shall be reasonable and shall not exceed five dollars ($5) per scoreboard per day of operation; provided that nothing herein contained shall prevent the grantee from requiring a deposit or advance payment in such amount as shall be reasonably necessary to insure payment of current bills.

6. The electrical conductors to be operated by the grantee shall be employed for no other purposes than those explicitly set forth herein, and the grantee binds itself not to operate any conductors for illegal purposes or furnish service to premises or buildings used for illegal purposes.

7. The grantee shall assume all liability to persons or property by reason of the operation of such electrical conductors and scoreboards and it is a condition of this consent that the City shall assume no liability whatsoever to either persons or property on account of the same, and the grantee 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 grantee.

8. This consent shall be null and void unless the grantee shall 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 adoption of this resolution by the Board, and before anything is done in exercise of the rights conferred hereby; provided, however, that such time may be extended by the Board of Estimate and Apportionment. The 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 operation of said conductors and scoreboards.

Which was adopted by the following vote:

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

Manhattan Refrigerating Company (Cal. No. 4).

Public hearing on the form of contract for the grant of a franchise to the Manhattan Refrigerating Company to construct, maintain and operate conduits for the purpose of distributing refrigeration in the district bounded generally on the north by West 15th street, on the east by an irregular line east of Hudson street, on the south by Horatio street and on the west by West street, 10th and 11th avenues, Borough of Manhattan.

The hearing was fixed for this day by resolution adopted May 5, 1916 (Cal. No. 110),

Affidavits of publication were received from the "New York Press," the "Globe" 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 resolution was offered:

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

This contract, made and executed in duplicate 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 Manhattan Refrigerating Company, a domestic corporation (hereinafter called the Company), party of the second part, witnesseth

Whereas, By resolution adopted by the Board of Aldermen April 1, 1890, and approved by the Mayor April 8, 1890, the Greenwich Refrigerating Company was granted permission to lay two pipes not more than six inches in diameter, each, beneath the surface of the following streets:

West Street and Tenth Avenue from Horatio Street to 14th Street;
14th Street from Tenth Avenue to the North River;
Thirteenth Avenue from Horatio Street to 14th Street;
Horatio Street from Thirteenth Avenue to West Street;

Gansevoort Street from West Street to Thirteenth Avenue;
Bloomfield Street and the streets or parts of streets immediately adjoining the new market located in the Ninth Ward of The City of New York, bounded by Tenth Avenue and West Street, Thirteenth Avenue and by Gansevoort and Bloomfield Streets and the streets and passages intersecting said market,

—for the purpose of conducting salt water for refrigerating purposes, subject to certain conditions named therein; and

Whereas, On or about March 18, 1898, the said permission was transferred by the grantee thereof to the Manhattan Refrigerating Company (the Company); and

Whereas, Under date of May 23, 1898, the Company entered into an agreement with the Comptroller of the City, authorizing the Company on certain terms and conditions to construct and maintain its system of refrigeration in the new West Washington Market and the buildings and stands thereof; and

Whereas, Pursuant to the said resolution and the said agreement, the Company and its predecessor did construct, maintain and operate conduits, pipes and appurtenances within the limits of West Washington Market and under and along several of the streets named in the aforesaid resolution of the Board of Aldermen outside the limits of the market; and

Whereas, Under date of December 8, 1915, the Company applied to this Board for a franchise to construct, maintain and operate conduits and pipes for refrigeration purposes in a certain specified district in the Borough of Manhattan, which to some extent includes the streets named in the said resolution of the Board of Aldermen outside the limits of the West Washington Market; and

Whereas, The Company has stated its willingness and intention to surrender any and all rights acquired by it pursuant to the aforesaid resolution of the Board of Aldermen, except so far as they may include permission to construct, maintain and operate conduits, pipes and appurtenances within the limits of the West Washington Market and in such portions only of the streets outside the limits of the market as may be necessary to connect the refrigeration system in the market with the Company's plant.

Now, therefore, in consideration of the premises and of the mutual covenants and agreements herein contained, the parties hereto do covenant and agree as follows:

Section 1. The permission granted to the Greenwich Refrigerating Company by resolution adopted by the Board of Aldermen April 1, 1890, and approved by the Mayor April 8, 1890, and subsequently acquired by the Company, authorizing the construction, maintenance and operation of pipes for refrigeration purposes in the streets and passages intersecting the West Washington Market and certain streets, avenues and highways of the City outside the market, as set forth and specified in the aforesaid resolution, is hereby surrendered by the Company to take effect on and after the first day of August, 1916, the Company reserving and retaining to itself, however, the right by said resolution granted, to construct, maintain and operate pipes for refrigeration purposes in the streets and passages intersecting the West Washington Market, bounded by Tenth Avenue and West Street, Thirteenth Avenue, Gansevoort and Bloomfield Streets, and in the streets or portions thereof immediately adjoining the said market, as follows:

Bloomfield Street between the westerly line of Thirteenth Avenue and the easterly line of Tenth Avenue; West Street and that portion of Tenth Avenue between the northerly line of Bloomfield Street and the northerly line of Horatio Street, which lies outside the district described in Section 2 of this contract; Gansevoort Street between the easterly line of West Street and the westerly line of Thirteenth Avenue; Thirteenth Avenue between the southerly line of Gansevoort Street and the northerly line of Bloomfield Street;

—subject to all the rights and obligations imposed upon the Company and upon its use of said streets and passages and to all the rights of the City contained in the said resolution of April 1, 1890, and with the reservation above noted, the aforesaid resolution of the Board of Aldermen and the permission contained therein, is herein and hereby agreed and declared to be, and the same shall be null, void and of no effect on and after said first day of August, 1916, and with the said reservation the Company hereby releases and forever quit-claims to the City on and after the said first day of August, 1916, any and all rights and privileges granted by or contained in the aforesaid resolution.

It is further agree that nothing in this contract contained shall be construed as to affect, impair or lessen the right or obligation of the Company as contained in the aforesaid resolution of the Board of Aldermen and in the aforesaid agreement with the Comptroller to construct, maintain or operate its pipes in the streets or passages intersecting West Washington Market, bounded as aforesaid, or in the streets or portions thereof described in this section immediately adjoining said market.

Section 2. 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 conduits and pipes with the necessary branches and extensions therefrom leading directly into private property for the sole purpose of supplying refrigeration to consumers, provided that such conduits shall not be of greater outside dimensions, including insulation and other covering, than as follows:

Main line conduits.....35 inches by 20 inches
Branch and service line conduits.....30 inches by 18 inches

The conduits and pipes hereby authorized shall be constructed only beneath the surface of the streets and only in, through, along or across such streets, avenues and highways as are included within the following described district in the Borough of Manhattan:

District.

Beginning at a point on the easterly line of Eleventh Avenue 110 feet 8¼ inches north of the northerly line of West 14th Street, measured along the easterly line of Eleventh Avenue; thence easterly through private property and across Tenth Avenue and Ninth Avenue on a line parallel with the northerly line of West 14th Street to a point formed by the intersection of said parallel line with the easterly line of Lot 13 in Block 738; thence southerly along the easterly line of Lot 13 to the northerly line of West 14th Street; thence southerly from the last named point across West 14th Street to the southerly line thereof at its intersection with the easterly line of Lot 17 in Block 629; thence southerly along the easterly line of Lots 17 and 4 to the northerly line of West 13th Street; thence southeasterly on a straight line across and along West 13th Street and Gansevoort Street to a point formed by the intersection of the southerly line of Gansevoort Street and the westerly line of West 4th Street; thence southerly along the westerly line of West 4th Street to the northerly line of Horatio Street; thence westerly along the northerly line of Horatio Street to a point 99 feet west of the westerly line of West 4th Street; thence northerly along the westerly line of Lot 43 of Block 627 to the northerly line of Lot 54 of Block 627; thence westerly along the northerly line of Lots 54, 55, 56 and 59 of Block 627 to the westerly line of Lot 37 of Block 627; thence northerly along the westerly line of Lot 37 to the northerly line of Lot 59; thence westerly along the northerly line of Lot 59 to the westerly line of Lot 59; thence southerly along the westerly line of Lot 59 to the northerly line of Lot 28 of Block 627; thence westerly along the northerly line of Lot 28 to the easterly line of Hudson Street; thence westerly across Hudson Street to the westerly line thereof at its intersection with the southerly line of Lot 12 of Block 627; thence westerly along the southerly line of Lots 12, 8 and 7 to the easterly line of Lot 2 of Block 627; thence southerly along the easterly line of Lot 2 to the southerly line of Lot 2; thence westerly along the southerly line of Lot 2 to the easterly line of Greenwich Street; thence westerly across Greenwich Street to the westerly line thereof at its intersection with the southerly line of Lot 57 of Block 643; thence westerly along the southerly line of Lot 57 to the easterly line of Lot 63 of Block 643; thence northerly along the easterly line of Lot 63 to the northerly line of Lot 63; thence westerly along the northerly line of Lots 63, 64, 65, 66, 67, 69, 70 and 71 of Block 643 to the westerly line of Lot 71; thence southerly along the westerly line of Lot 71 to the southerly line of Lot 40 of Block 643; thence westerly along the southerly line of Lot 40 to the easterly line of Washington Street; thence westerly across Washington Street on a prolongation of the southerly line of Lot 40 to the westerly line of Washington Street; thence southerly along the westerly line of Washington Street to the center line of Horatio Street; thence westerly along the center line of Horatio Street to the easterly line of West Street; thence northerly along the easterly line of West Street and the easterly line of Tenth Avenue to a point 80 feet south of the southerly line of Little West 12th Street; thence westerly at right angles to the easterly line of Tenth Avenue to the center line of Tenth Avenue; thence northerly along the center line of Tenth Avenue to its intersection with a prolongation of the northerly line of West 13th Street; thence westerly on a prolongation of the northerly line of West 13th Street to a prolongation of the easterly line of Eleventh Avenue; thence northerly along the easterly line of Eleventh Avenue to the point or place of beginning.

The section, block and lot numbers referred to above are those now shown on the Tax maps of the City.

The aforesaid district being more particularly shown on a map entitled:

"Map showing District applied for by The Manhattan Refrigerating Company to accompany petition dated Dec. 8, 1915, to the Board of Estimate and Apportionment, City of New York,"

—signed by T. A. Adams, President, a copy of which is hereto annexed and made a part of this contract.

Section 3. The grant of this privilege is subject to the following conditions, which shall be complied with by the Company:

First—The said right to construct, maintain and operate said conduits shall be held and enjoyed by the Company for the term of fifteen (15) years from August 1, 1916, 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 (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 ten (10) years shall be reasonable and either the City (by the Board) or the Company shall be bound upon request of the other to enter into a written agreement with each other fixing the rate of such compensation at such amount as shall be reasonable, but in no case shall the annual rate so fixed be less than the sum required to be paid for the last year prior to the termination of the original term of this contract and if the parties shall not forthwith agree upon what is reasonable, then the parties shall enter into a written agreement fixing such annual rate and at such amount as shall be determined by three disinterested persons selected in the following manner:

One disinterested person shall be chosen by the Board; one disinterested person shall be chosen by the Company; these two shall choose a third disinterested person, 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 the original term of this 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 valuation 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.

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

(a) The sum of one thousand dollars ($1,000) in cash within one (1) month 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 years, an annual sum which shall be equal to two (2) per cent. of its gross annual receipts, but which sum shall not be less than two hundred and fifty dollars ($250).

During the second term of five years, an annual sum which shall be equal to four (4) per cent. of its gross annual receipts, but which sum shall not be less than four hundred dollars ($400).

During the third term of five years, an annual sum which shall be equal to four (4) per cent. of its gross annual receipts, but which sum shall not be less than six hundred dollars ($600).

The gross receipts mentioned above shall be the total receipts of the Company or any subsidiary of the Company or of any purchaser of refrigeration from the Company for purpose of resale from all business of furnishing refrigeration to consumers except those located in West Washington Market.

(c) An annual payment for each linear foot of conduit constructed within the limits of the streets under the franchise hereby granted (excepting, however, such conduits as are constructed within the vault space or vault spaces of any building or buildings used or occupied exclusively by the Company for the purpose of its business) as follows:

For conduits of outside dimensions, including insulation and other covering, not exceeding 30 inches by 18 inches—twenty-five cents (25c).

For conduits of outside dimensions, including insulation and other covering, exceeding 30 inches by 18 inches—but not exceeding 35 inches by 20 inches—thirty cents (30c).

An annual payment of two dollars ($2) for each manhole constructed within the limits of the streets under the franchise hereby granted.

The annual charges shall commence on August 1, 1916.

All annual charges 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. Provided that the first annual payment shall be only for that proportion of the first annual charge as the time between August 1, 1916, and December 31, 1916, shall bear to the whole of one year.

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

Third—The annual charges or payments shall continue throughout the whole term of this contract (whether original or renewal), notwithstanding any clause in any statute or in the charter of any other company providing for payments for refrigerating 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 streets, avenues or highways included within the district herein described 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, avenues, highways and other property of the City included 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 the original term of this contract, or if the same be renewed, then at the termination of the said renewal term, or upon the termination or forfeiture of the rights hereby granted for any cause, or upon the dissolution of the Company before such termination, the conduits, pipes and appurte-

nances of the Company constructed pursuant to this contract within the streets, avenues, highways and other property of the City 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 conduits and appurtenances constructed pursuant to this contract and the said streets, avenues, highways and other property of the City shall be restored to their original condition at the sole cost and expense of the Company.

Seventh—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, highways and other property of the City in which the Company is hereby authorized to operate.

Eighth—All construction which shall be made under this grant shall be done in a manner solely upon the terms and conditions hereafter to be imposed by the President of the Borough of Manhattan and the Commissioner of Water Supply, Gas and Electricity, or their respective successors in authority. The said Company shall submit a working plan of construction to the said President and to the said Commissioner, which shall include and show in detail the method of construction of said conduit lines, connections, manholes and other appurtenances, and the mode of protection of all subsurface construction under the street in which the Company is hereby authorized to operate.

Ninth—Any alteration to the sewerage or drainage system, or to any other subsurface or to any surface structures in the streets, avenues, highways and other property of the City, required on account of the construction or operation of the conduits of the Company, shall be made at the sole cost of the Company, and in such manner as the proper City officials may prescribe.

Tenth—It is agreed that the right hereby granted shall not be in preference or in hindrance to public work of the City, and should the said conduits in any way interfere with the construction or maintenance of public works in the streets, avenues, highways and other property of the City, 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 conduits and appurtenances in the manner directed by the City officials having jurisdiction over such public work.

Eleventh—The Company shall bear the expense of keeping in repair for one year after it has been replaced, all pavement which may at any time be removed by said Company, either for the purpose of construction or for repairing of the conduit line and its appurtenances.

Twelfth—The Company shall bear the expense of inspection which may be required by the President of the Borough of Manhattan and the Commissioner of Water Supply, Gas and Electricity, and of all work of construction.

Thirteenth—The Company shall, at its own expense, remove from beneath the surface of Tenth Avenue the unused conduits, pipes and appurtenances now existing therein from a point at or near the southerly line of Bloomfield Street to a point at or near the southerly line of 14th Street, as shown by the hatched broken black line on the map hereto attached. The work of removal shall be done whenever the street is being repaved and within such reasonable time as may be fixed by the President of the Borough of Manhattan and under his supervision. In case of the Company's failure to comply with the above provision, the Borough President shall remove the conduits, pipes and appurtenances at the Company's expense.

Fourteenth—The Company shall cause a test to be made of the pipes to be contained within the conduits hereby authorized whenever required by and under the supervision of the Commissioner of Water Supply, Gas and Electricity. The conditions of such test shall be as follows:

(a) If the test be made in the foundry where the pipes are manufactured, such pipes shall be subjected to a pressure of three hundred (300) pounds per square inch.

(b) If the test be made in the field, of pipes in use or ready for use, such pipes shall be subjected to a pressure of two hundred (200) pounds per square inch.

A certificate showing that such a test has been made without injury to the pipes shall be executed by an officer of the Company, and indorsed by the Commissioner of Water Supply, Gas and Electricity, and filed with the Board.

Fifteenth—The Company shall not charge consumers more than the following rates for refrigeration to be furnished to boxes properly insulated at a temperature of not lower than 32 degrees Fahrenheit.

Four (4) cents per month per cubic foot for boxes of not over 500 cubic feet.

Two (2) cents per month per cubic foot for boxes of over 500 cubic feet, but less than 1,500 cubic feet.

One (1) cent per month per cubic foot for boxes of 1,500 cubic feet and over.

These rates to apply to boxes located not above the first floor of any building.

During the term of this contract the Board shall have absolute power to regulate the maximum and minimum rates for all refrigeration, and the Company agrees to abide by such rates provided that such rates shall be reasonable and fair.

Sixteenth—The Company, upon the application for refrigeration of any person, firm or corporation whose premises are located within the district within which the Company is hereby authorized to operate, shall extend its conduits to such premises and furnish to said applicant refrigeration at rates not exceeding those herein prescribed or hereafter fixed by the Board as herein provided, on condition that before any such extension shall be made, such person, firm or corporation shall agree, in writing, to accept and pay for such service for a reasonable time not exceeding one (1) year. The Company shall not be required, however, to furnish refrigeration to applicants before October 1, 1916, nor to applicants whose premises are located above the first floor of any building.

Seventeenth—A correct map shall be furnished to the Board by the Company on the first day of February, 1917, showing the exact location of all conduit lines and manholes constructed, with reference to the street lines, the curb lines and the street surface, together with a statement of the total length of such conduit. On the same date of each succeeding year, during the term of this contract, a supplementary map shall be furnished the Board showing all conduits laid during the preceding year.

Eighteenth—The conduit lines hereby authorized shall be used only by The Manhattan Refrigerating Company, and for no other purpose than supplying refrigeration.

Nineteenth—The Company shall submit a verified report to the Board not later than February 1, in each year, for the year ending December 31 next preceding, and at any other time, upon the 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 per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. Number of feet of each kind of conduit now laid.
12. The total amount expended for same.
13. Amount, kind and capacity of machinery now in use and required for operation.
14. The total amount expended for same.
15. Quantity of refrigeration produced during the year and the average price received for same.
16. Quantity used in Company's own warehouses.
17. Quantity furnished to consumers (a) in West Washington Market; (b) outside West Washington Market.
18. Number and location of warehouses occupied by the Company, exclusively or in part, and the extent of such occupation by the Company.
19. Number of and gross receipts from consumers supplied (a) in West Washington Market; (b) outside West Washington Market.
20. Amounts paid by Company for damages to persons or property on account of construction and operation.
21. Total expenses of operation, including salaries.

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

Twentieth—The Company shall at all times keep accurate books of account of the gross receipts from the privileges granted under this contract, and on or before February 1 in each year shall make a verified report to the Comptroller of The City of New York of the business done by the Company for the year ending December 31 next preceding, as he may prescribe. Such report shall contain the total number of feet of each kind of conduit laid and of manholes constructed, the number of feet of each kind of conduit laid and the number of manholes constructed during the year, and also a statement of the gross receipts from all business of furnishing refrigeration to consumers, together with such other information and in such detail as the Comptroller may require. The Comptroller shall have access to all books of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers under oath.

Twenty-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 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 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 conduits 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-second—If the Company shall fail to give efficient public service at rates not exceeding those herein or hereafter fixed, or fail to maintain its conduits and appurtenances 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 fifty dollars ($50) as fixed or liquidated damages, or the Board, in case such conduits or appurtenances which may affect the surface of the street shall not be put in good condition within a reasonable time after notice by the Board as aforesaid, shall have the right to make all needed repairs at the expense of the Company, in which case the Company shall pay to the City the amount of the cost of such repairs, with legal interest thereon, all of which sums may be deducted from the fund hereinafter provided for.

Twenty-third—The Company shall assume all liability to persons or property by reason of the construction or operation of the conduits 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.

Twenty-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 five hundred dollars ($2,500), either in money or securities to be approved by him, which fund shall be security for the performance by the Company of all of the terms and conditions of this contract and compliance with all orders of the Board, 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 rates not exceeding those herein or hereafter fixed, the removal of unused conduits and pipes, the restoration and repairs of the street pavement 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, or its neglect or refusal to comply with any notice or direction of the Board, or other municipal officials, given or made pursuant to the terms of the 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 shall (except where other sums are fixed by this contract) pay to the City the sum of one hundred dollars ($100), for each violation as liquidated damages for such failure, which sums may be deducted from said fund.

The procedure for the imposition and collection of the liquidated damages provided for 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 required to pay such liquidated damages 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 require the payment of said sums herein provided for, or where the damages are not liquidated by the terms of this contract such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw such amount from the security fund deposited with him. The finding of the Board as to the amount to be paid by the Company shall be final and can only be attacked on the ground of fraud or mistake. 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 two thousand five hundred dollars ($2,500), 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.

These provisions for the recovery of such damages are in addition to the right to forfeit the franchise, conferred by Section 3, subdivision Twenty-first, of this contract.

Twenty-fifth—The grant of this franchise, so far as it shall include or affect the so-called Gansevoort Market Lands in the block bounded by Little West 12th Street, Washington Street, Gansevoort Street, West Street and Tenth Avenue, is and shall be subject to such other or further conditions, restrictions, agreement or consent as the Comptroller of the City may see fit to impose or require, pursuant to the authority and control over such lands vested in him by the Charter of the City.

Twenty-sixth—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-seventh—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 included in the district hereinabove described, and under the surface of or in which authority is hereby given to the Company to construct or maintain its conduits.

Twenty-eighth—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 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 above written.

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

(Corporate Seal.)

Attest: ....., City Clerk.

THE MANHATTAN REFRIGERATING COMPANY, by ....., President.

(Seal.)

Attest: ....., Secretary.

(Here add acknowledgments.)

Which was adopted by the following vote:

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

Nassau Electric Railroad Company (Cal. No. 5).

Hearing on the petition of the Nassau Electric Railroad Company for a renewal of franchise to construct, maintain and operate a street surface railway extension upon and along Livingston Street, Flatbush and Lafayette Avenues, from Court to Fulton Streets, Borough of Brooklyn.

The hearing was fixed for this day by resolution adopted May 5, 1916 (Cal. No. 112).

The petition was referred to the Bureau of Franchises at the meeting of March 24, 1916 (Cal. No. 18).

Affidavits of publication were received from the "New York Times," the "Sun" and CITY RECORD. No one appeared in opposition to the proposed grant. J. H. Bennington, secretary of the company, appeared in favor. No one else desiring to be heard, the Chair declared the hearing closed.

The matter was referred back to the Bureau of Franchises.

Long Island Railroad Company (Cal. No. 6).

Hearing on the form of contract modifying contract dated May 4, 1914, granting the Long Island Railroad Company the right to construct, maintain and operate certain additional railroad tracks at or in the vicinity of Hollis, Fourth Ward, Borough of Queens, by extending the time three months for the company to complete the construction of certain tracks and bridges to carry the same over Hamilton Street and Farmers Avenue, Borough of Queens.

The hearing was fixed for this day by resolution adopted May 5, 1916 (Cal. No. 4).

Affidavits of publication were received from the "Evening Mail," the "New York Herald" 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 resolution 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 May 4, 1914; 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 May 4, 1914, 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 and executed in duplicate this day of , 1916, 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 Long Island Railroad Company (hereinafter called the Company), party of the second part, witnesseth:

Whereas, By contract dated May 4, 1914, the Board granted to the Company the franchise, right and privilege to construct, maintain and operate certain railroad tracks at or in the vicinity of Hollis, in the Fourth Ward of the Borough of Queens, as follows:

(a) Sixteen (16) tracks across Hamilton Street (Winsted Avenue), between Fulton Street (Jamaica Avenue) and South Street (Liberty Avenue), adjoining the two existing main line tracks of the Company.

(b) Three (3) tracks across South Street (Liberty Avenue), immediately east of the point where South Street is intersected by Hamilton Street.

(c) Three (3) tracks across Farmers Avenue or Old County Road, at the junction of said avenue with said road, hereafter referred to as Farmers Avenue.

—all as shown on a map and profile which accompanied the said contract and was made a part thereof; and

Whereas, Section 2, Sixth, of said contract provides as follows:

"Sixth—Tracks across Hamilton Street.

"The sixteen (16) tracks hereby authorized across Hamilton Street shall be constructed and maintained over and above the surface of said street in the manner and subject to the terms and conditions hereinafter named

"(a) The Company shall construct a bridge or archway of sufficient width and capacity to accommodate the sixteen (16) tracks hereby authorized and also the two (2) main line tracks of the Company, now laid and existing on the surface of Hamilton Street, between Fulton and South Streets. Said bridge or archway shall have a span of at least thirty-two (32) feet and a clearance of at least fourteen (14) feet over the surface of Hamilton Street at the centre line thereof. For the purpose of constructing said bridge or archway with the prescribed clearance the Company shall depress the surface of Hamilton Street as now existing between Fulton and South Streets. The method of constructing said bridge or archway and of depressing the street grades shall be subject to the approval of the Board and the Company shall submit to the Board for its approval plans showing the method of such work. The grades of said bridge or archway and of Hamilton Street shall be as shown on the map and profile attached to and made part of this contract or as may be hereafter fixed by the Board.

"(b) That portion of Hamilton Street, under the bridge or archway and for a distance of fifty (50) feet outside the same at either end thereof shall be well and sufficiently lighted at the expense of the Company during such hours of the day and night and by such lighting system as may be prescribed by the President of the Borough of Queens and to his entire satisfaction.

"(c) Hamilton Street for its entire length from Fulton Street to South Street, the depression of which is made necessary by the construction of the said bridge or archway, shall be provided by the Company with such suitable and adequate drainage system, with proper outlets therefor, as may be prescribed by the President of the Borough of Queens, and to his entire satisfaction. And the Company shall pave the surface of Hamilton Street for its entire length from Fulton to South Streets, including its intersection with such streets, with such material as may be prescribed by the President of the Borough of Queens.

"(d) The work of constructing the said bridge or archway, changing the street grades and the drainage system, providing drainage outlets and paving the street, as above provided, shall be done at the sole cost and expense of the Company. The Company shall also, at its own entire cost and expense, and for the entire term of this contract, whether original or renewal, maintain the said bridge or archway and the piers and abutments thereof in good order and repair.

"(e) The construction of said bridge or archway shall be completed in no event later than the day two (2) years after the date of the execution of this contract by the Mayor. During the period of such two (2) years and pending the construction of said bridge or archway the Company may construct, maintain and operate the tracks hereby authorized across Hamilton Street, at the same grade as the surface of said street; provided, however, that the Board may by resolution, direct the removal of such tracks from the surface of Hamilton Street and the construction of the bridge or archway across said street before the expiration of such two-year period.

"The Company shall complete the construction of the bridge or archway hereinbefore provided for on or before the expiration of the two-year period or within the time fixed by the Board, should the Board direct the prior removal of the surface tracks, and the Company shall, before such expiration, or within such time, as the case may be, remove from the surface of Hamilton Street the sixteen (16) tracks hereby authorized, and the said two (2) main line tracks and thereafter maintain and operate the same upon said bridge or archway, subject to the terms and conditions of this contract.

"Should the Company fail or neglect to complete the construction of the said bridge or archway within the two-year period hereinbefore specified, or within the period fixed by the Board, should it direct the prior removal of the surface tracks, as the case may be, or should the Company, within the same time, fail to remove from the surface of Hamilton Street the sixteen (16) tracks hereby authorized and also the said two (2) main line tracks, the right and privilege hereby granted to construct, maintain and operate sixteen (16) tracks across Hamilton Street shall cease and determine upon the termination of such two-year period, or on the date fixed for the prior removal of the surface tracks.

"Should the Company not take advantage of the privilege to construct, maintain and operate the tracks hereby authorized upon the surface of Hamilton Street, as hereinbefore provided, and fail to complete the construction of the said bridge or archway within two (2) years from the date of the execution of this contract by the Mayor, as hereinabove provided, the right and privilege hereby granted to construct, maintain and operate sixteen (16) tracks across Hamilton Street shall cease and determine upon the termination of such two-year period."

—and

Whereas, Section 2, Tenth, of said contract provided as follows:

"Tenth—Tracks across Farmers Avenue.

"The three (3) tracks hereby authorized across Farmers avenue shall be constructed and maintained over and above the surface of such avenue in the manner and subject to the terms and conditions hereinafter named:

"(a) The Company shall construct a bridge of sufficient width and capacity to accommodate the three (3) tracks hereby authorized, and also the two (2) main line tracks of the Company now laid and existing across Farmers avenue on the surface thereof, carrying said Farmers avenue under said bridge at the width shown on the tentative plan for this territory, and upon the completion of said bridge shall remove from the surface of said Farmers avenue the three (3) unauthorized tracks and the said two (2) main line tracks now constructed thereon, and shall thereafter maintain the said tracks on said bridge.

"(b) Said bridge shall be constructed with a clearance of at least fourteen (14) feet over the surface of Farmers avenue. For the purpose of constructing said bridge with the prescribed clearance, the Company shall perform all the work of changing the street grades and the drainage system and of providing the drainage outlets made necessary by the construction of said bridge, and shall also replace or restore the street pavement which may be disturbed during such work; all to be done under the supervision and subject to the approval of the President of the Borough of Queens. The method of constructing said bridge and changing the street grades shall be subject to the approval of the Board. Before commencing work the Company shall submit to the Board for its approval a plan showing the methods of such work. The grade of said bridge and of Farmers avenue shall be as shown on the map and profile attached to and made part of this contract, or as may be hereafter fixed by the Board.

"(c) The Company shall commence and complete the work of constructing said bridge and of changing the street grades and drainage system, as above provided, within one (1) year after the date of the execution of this contract by the Mayor, and shall within the same period remove from the surface of Farmers avenue the three (3) unauthorized tracks and the two (2) main line tracks now constructed thereon; otherwise the right and privilege hereby granted to construct, maintain and operate three (3) tracks across Farmers avenue shall cease and determine, unless said period shall be extended, as hereinafter provided.

"(d) The Company shall bear the entire cost and expense of constructing said bridge, changing the street grades and the drainage system, providing drainage outlets and replacing or restoring the street pavement, as above provided, and shall also pay all damages to property owners, resulting from change of street grades, except as to such portion of such cost and such damages as would relate to or result from the elimination of the crossing at grade of the two (2) existing main line tracks. Said last named portion shall be apportioned in the manner provided by the Railroad Law for the elimination of existing grade crossings, except that in no event shall the City's share of such portion exceed the sum of forty-eight thousand five hundred dollars ($48,500), and the Company agrees to assume and repay to the City any sum in excess of the said forty-eight thousand five hundred dollars ($48,500), which the City may be required to pay as its share of such portion. The Company shall at its own entire cost and expense, for the entire term of this contract, whether original or renewal, maintain the said bridge and the piers and abutments thereof in good order and repair."

—and

Whereas, Section 2, Seventeenth, in the second paragraph thereof, provided as follows:

"It is provided that the periods herein fixed for completing the reconstruction of the bridge across South street and performing the work in connection therewith, and for completing the construction of the bridge across Farmers avenue, removing the surface tracks from the said avenue and performing the work in connection therewith, may be extended by the Board, but the total extension of time in the case of either of said streets shall not exceed in the aggregate one (1) year, and provided further that when the commencement or completion of such construction or reconstruction 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 notice to the Board of any such court proceedings or other occasion of delay and delivered 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."

—and

Whereas, Pursuant to section 2, Sixth, as above, the period for the completion of construction of the bridge across Hamilton Street and the work in connection therewith is about to expire—i. e., on May 4, 1916; and

Whereas, Pursuant to section 2, Tenth, as above, the time for the completion of construction of the bridge across Farmers Avenue and the work in connection therewith expired on May 4, 1915; and pursuant to section 2, Seventeenth, as above, the Board, on the application of the Company and by resolution adopted April 30, 1915, and approved by the Mayor May 4, 1915, granted an extension of time up to and including May 4, 1916, within which to complete the construction of the bridge across Farmers Avenue and the work in connection therewith, which period is about to expire; and

Whereas, The Company, by a verified petition dated March 27, 1916, has applied to the Board for a further extension of time of three (3) months within which to complete the construction of the bridge across Hamilton Street and the bridge across Farmers Avenue, and to complete the work in connection therewith, as required by said contract, as amended:

Now, therefore, in consideration of the sum of Fifty Dollars ($50) to be paid by the Company to the City on or before June 30, 1916, and of the mutual covenants herein contained, the parties hereto do hereby covenant and agree as follows:

Section 1, First: All the remaining portion of Section 2, Sixth, of said contract of May 4, 1914, beginning with and including paragraph "(e)" is hereby amended to read as follows:

(e) The construction of said bridge or archway shall be completed in no event later than August 1, 1916. During the period prior to August 1, 1916, and pending the construction of said bridge or archway, the Company may construct, maintain and operate the tracks hereby authorized across Hamilton Street at the same grade as the surface of said street; provided, however, that the Board may, by resolution, direct the removal of such tracks from the surface of Hamilton Street and the construction of a bridge or archway across said street before August 1, 1916.

The Company shall complete the construction of the bridge or archway hereinabove provided for on or before August 1, 1916, or within the time fixed by the Board, should the Board direct the prior removal of the surface tracks and the Company shall, on or before such date, or within such time, as the case may be, remove from the surface of Hamilton Street the sixteen (16) tracks and the

two (2) main line tracks and thereafter maintain and operate the same upon said bridge or archway, subject to the terms and conditions of this contract.

Should the Company fail or neglect to complete the construction of the said bridge or archway on or before August 1, 1916, or within the period fixed by the Board, should it direct the prior removal of the surface tracks, as the case may be, or should the Company within the same time fail to remove from the surface of Hamilton Street the sixteen (16) tracks hereby authorized and also the said two (2) main line tracks, the right and privilege hereby granted to construct, maintain and operate sixteen (16) tracks across Hamilton Street shall cease and determine on and after August 1, 1916, or on and after the date fixed for the prior removal of the surface tracks.

Should the Company not take advantage of the privilege to construct, maintain and operate the tracks hereby authorized upon the surface of Hamilton Street as hereinbefore provided, and fail to complete construction of the said bridge or archway on or before August 1, 1916, the right and privilege hereby granted to construct, maintain and operate sixteen (16) tracks across Hamilton Street shall cease and determine on and after August 1, 1916.

Second: Paragraph "(c)" of Section 2, Tenth, of said Contract of May 4, 1914, is hereby amended to read as follows:

(c) The Company shall commence and complete the work of constructing said bridge and of changing the street grades and drainage system, as above provided, on or before August 1, 1916, and shall within the same period remove from the surface of Farmers Avenue the three (3) unauthorized tracks and the two (2) main line tracks now constructed thereon; otherwise the right and privilege hereby granted to construct, maintain and operate three (3) tracks across Farmers Avenue shall cease and determine on and after said August 1, 1916.

Third: The second paragraph of Section 2, Seventeenth, of said contract of May 4, 1914, is hereby amended to read as follows:

"It is provided that the period herein fixed for completing the reconstruction of the bridge across South Street and performing the work in connection therewith may be extended by the Board, but the total extension of time shall not exceed in the aggregate one (1) year; and provided further that when the commencement or completion of such reconstruction 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 reconstruction 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 notice to the Board of any such court proceedings or other occasion of delay and delivered 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."

Section 2. It is mutually understood and agreed that, except as herein expressly provided, nothing in this contract contained shall be deemed to affect in any manner the provisions of the contract entered into between the City and the Company, dated May 4, 1914, as amended by said resolution adopted by the Board April 30, 1915, and approved by the Mayor May 4, 1915, and the Company hereby promises, covenants and agrees, on its part and behalf, to conform to and abide by and perform all the terms, conditions and requirements in such contract of May 4, 1914, as modified by said resolution, and as further modified or altered by the provisions of this instrument.

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.
LONG ISLAND RAILROAD COMPANY, By .....President.
(Seal.)
Attest: ....., Secretary.
(Here add acknowledgments.)

Which was adopted by the following vote:

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

City Island Motor Bus Company, Inc. (Cal. No. 7).

Hearing on the petition of the City Island Motor Bus Company, Inc., for a franchise to maintain and operate a motor bus line from the south end of City Island Avenue, along said avenue and over City Island Bridge, and along City Island Road to Pelham Road, Eastern Boulevard, Fordham Road and the Bronx and Pelham Parkway, to Boston Post Road, to 177th Street, Borough of The Bronx.

This petition was presented to the Board at the meeting of May 5, 1916 (Cal. No. 113), when, by resolution duly adopted, this day was fixed as the day for hearing and the petition was referred to the Bureau of Franchises.

Affidavits of publication were received from the "Globe," "New York Tribune" and CITY RECORD. No one appeared in opposition to the proposed grant. H. S. Sayers, Counsel for the Company, appeared and requested the Board to authorize temporary operation pending the granting of a franchise. No one else desiring to be heard the Chair declared the hearing closed.

The Secretary presented the following:

Board of Estimate and Apportionment, The City of New York, Bureau of Franchises, Room 1307, Municipal Building, May 25, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Under date of April 28, 1916, the City Island Motor Bus Co., Inc., applied for a franchise or right to operate a motor bus line upon a route beginning at the southerly end of City Island; thence along City Island Avenue and over the City Island Bridge and along City Island Road to Pelham Road; thence along Pelham Road, Eastern Boulevard, Fordham Road and the Bronx and Pelham Parkway to Boston Road; thence along Boston Road to 177th Street.

The petition was presented to the Board on May 5, 1916, and referred to the Bureau of Franchises. On that date there was also adopted a resolution fixing June 2 as the date for the preliminary public hearing and requesting the Mayor to designate the newspapers in which to publish the notice of such public hearing, pursuant to law.

This Company filed its articles of association in the office of the Clerk of the County of Bronx on April 27, 1916, pursuant to Chapter 142 of the Laws of 1854, that being the only law under which a company proposing to operate stages or omnibuses within The City of New York can be incorporated. The total length of the route proposed to be operated is approximately 7.8 miles, of which about three miles are in Pelham Bay Park, one mile is in Bronx Park and over two miles are on the Bronx and Pelham Parkway. The remainder of the route is on City streets and avenues. Therefore, three-fourths of the route is along highways or parkways under the jurisdiction of the Department of Parks.

City Island is peculiarly situated with respect to its transportation facilities. It is separated from the main part of the City by a large park in which there are, as yet, no railways, except that of the New York, New Haven and Hartford Railroad, which operates trains, stopping only at stations separated by a considerable distance, and that of the Pelham Park and City Island Railway Company, which operates between City Island and Bartow, a station on the railroad of the New York, New Haven and Hartford Railroad Company. In order to reach points in the Borough of The Bronx it is necessary therefore to travel by means of the Pelham Park and City Island Railway; thence by the railroad of the New York, New Haven and Hartford Railroad Company. No rapid transit railroads are planned which will relieve this situation, and there is no existing railway facility for reaching the rapid transit railroads, either existing or proposed, in the Borough of The Bronx. The Company's purpose in operating the bus route is to give access to City Island from the existing rapid transit railroad at the station at 177th Street or from the White Plains extension at the station at the Bronx and Pelham Parkway.

The promoters of this Company operated during the summer of 1915 several buses between the 177th Street rapid transit station and City Island upon a route, a part of which coincides with that now proposed. It seems that the business done during last season was sufficient to warrant continued operation, at least during the summer months, and possibly throughout the entire year. It was found, however, that vehicle licenses for such operation cannot now be obtained from the Bureau of Licenses. It was necessary, therefore, to incorporate a company and to obtain a franchise to continue the operation. That is the reason why the petition under discussion is now presented to the Board.

In view of the need of transportation facilities for City Island to reach the lines of the rapid transit railroad it is believed that the Board might properly grant a franchise for a bus route such as that applied for. The Board has not, as yet, granted a franchise for a bus route upon any highway in a public park. The highways proposed to be used, however, in both the Bronx and the Pelham Bay Parks are roads which are used for through travel and were in existence prior to the erection of those parks. For that reason they must be considered as an integral part of the street system of the City as well as park roadways. The Bronx and Pelham Parkway is a very wide thoroughfare and has on the southerly side a roadway paved with permanent pavement, besides a wide roadway in the center paved with macadam. In view of the conditions of the contract herewith respecting weight of vehicles, the use of resilient tires and the term of the grant, it is believed that the franchise might be properly granted for operation over such park roadway. At no point is the vehicular traffic so dense during any part of the year as to be interfered with by the proposed operation.

A contract has therefore been drafted which is in the main similar to that which was granted during last year to the Far Rockaway Transportation Company, Inc., for the right to operate between Far Rockaway and Rockaway Beach in the Borough of Queens. An explanation of some of the conditions of the contract follows:

Term of grant. It is quite possible that within a few years, as this section of the Borough develops, other streets will be opened which will furnish a more direct route between stations on the rapid transit railroad and City Island, and which will be better adapted in other respects to the operation of a bus route. When this occurs it may be desirable to modify the route so as to follow such other thoroughfares and thus remove the buses from park highways or parkways upon which it is now proposed to operate. The term of grant has therefore been fixed for five years, with the privilege of renewal for a further term of five years upon revaluation, the total term of grant being ten years.

Conditions to protect pavement. The pavement in the Bronx and Pelham Bay Parks proposed to be used is not all of a permanent character. For that reason it is believed that small vehicles should be operated. The weight, therefore, of the unloaded vehicle has been limited to six thousand pounds, and to further protect the roads it has been provided that all wheels shall be equipped with either pneumatic tires or tires which shall be approved by the Board, but in no case shall solid tires be used.

Period of operation. The Company has requested that it be not required to operate during the months of December, January, February and March, except during the morning and evening hours, for the purpose of furnishing service to those who reside on City Island and wish to go to or return from business by the proposed bus route. This has been acceded to for the reason that during those months there will be little necessity for continuous operation throughout the day, as will be the case during other months of the year when there will undoubtedly be necessity for service to and from City Island to carry those who visit that section for pleasure and because of the increased population on City Island during that period of the year.

Rate of fare. The rate of fare charged last year by the promoters of this Company was twenty-five cents in each direction between the 177th Street rapid transit railroad station and City Island. The Company asks that it be permitted to charge the same fare by the terms of the franchise. It is questionable whether a less fare can be charged with profit to the Company upon the proposed route. The limitation placed on the weight of the vehicle limits the number of passengers which can be carried, thus, during a portion of the year, at least, reducing the profits to the Company. Then, too, the length of haul will be uniformly large, equaling in most cases the distance from City Island to 177th Street, or to the rapid transit station at White Plains Avenue at its intersection with the Bronx and Pelham Parkway. As near as can be ascertained from the figures submitted by the Company, the operation last season at this rate of fare did not produce such profit to the operators as would warrant the insistence on fixing a less maximum rate of fare by the terms of the franchise.

Compensation for the franchise. The Company has offered to pay five hundred dollars ($500) as initial payment within thirty days after the franchise is granted. The annual payments have been fixed at five per cent. of the gross receipts, which is the same as fixed in the franchise to the Far Rockaway Transportation Company, Inc. The minimum annual sums have been fixed at the nominal amounts which will undoubtedly be exceeded in the payment of five per cent. of the gross receipts. The amounts fixed are as follows:

Annually during the first two : one hundred dollars ($100).
Annually during the second tw.. rs one hundred and fifty dollars ($150).
During the fifth year two hund. dollars ($200).

The security for the faithful performance of the terms and conditions of the contract has been fixed at five hundred dollars ($500), to be deposited either in cash or securities to be approved by the Comptroller.

The other terms and conditions of the contract are similar to those which were fixed in the franchise to the Far Rockaway Transportation Company, Inc.

The contract in its present form is acceptable to the Company.

It is suggested that if the Board sees fit to grant the franchise, it adopt a resolution placing the contract on the minutes of the Board and fix Friday, June 30, as the date for a public hearing on the contract, pursuant to law. After such hearing the Board may take final action on the franchise. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following resolution was offered:

Whereas, The City Island Motor Bus Co., Inc., has by a petition dated April 28, 1916, applied to this Board for the right and privilege to maintain and operate a stage or omnibus route for public use upon and along City Island Avenue, over and across the City Island Bridge and upon and along City Island Road, Pelham Road, Bronx and Pelham Parkway and Boston Road to 177th Street, in the Borough of The Bronx; 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, and Chapter 467 of the Laws of 1914, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on May 5, 1916, fixing the date for public hearing thereon as June 2, 1916, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the "Globe" and "Tribune," 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 City Island Motor Bus Co., Inc., and the adequacy of the compensation to be paid therefor; now, therefore, it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by the City Island Motor Bus Co., Inc., 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 City Island Motor Bus Co., Inc., the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all of the terms and conditions, including the provisions as to rates and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of the City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

Proposed Form of Contract.

This contract, made and executed in duplicate 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 City Island Motor Bus Co., Inc. (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 maintain and operate a stage or omnibus route for public use in the Borough of The Bronx, in the City of New York, to wit:

Beginning in City Island Avenue at the southerly end thereof on City Island; thence along City Island Avenue to the bridge connecting City Island with the Pelham Bay Park; thence upon and along said bridge and the approaches thereto to City Island Road in Pelham Bay Park; thence along said City Island Road to Pelham Bridge Road; thence along Pelham Bridge Road and Eastern Boulevard to Fordham Road or to the prolongation of the Bronx and Pelham Parkway in Pelham Bay Park; thence along Fordham Road or the prolongation of the Bronx and Pelham Parkway in Pelham Bay Park to the Bronx and Pelham Parkway; thence along the Bronx and Pelham Parkway to Boston Road; thence along Boston Road to 177th Street.

And to cross such other streets and avenues, named and unnamed, as may be encountered in said route.

Section 2. The grant of this privilege is subject to the following conditions:

First—The said right to maintain and operate said stage or omnibus route shall be held and enjoyed by the Company from the date upon which this contract is signed by the Mayor until September 30, 1921, with the privilege of renewal of said contract for the further period of five (5) 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, 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 time within which such application for renewal must be made is of the essence of this contract and a failure of the Company to present its application within the time fixed shall be considered as an election on the part of the Company not to take advantage of the renewal privilege and as a relinquishment of its right to such renewal, in which event the franchise shall terminate on the last day 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 unless the Board shall, during the original term of this contract, permit another company or an individual to operate stages or omnibuses over all or a portion of the route herein authorized.

If the Company and the Board shall not reach such agreement on or before the day nine (9) months before the expiration of the original term of this contract, then the parties hereby agree that the annual rate for the renewal term shall be determined by three disinterested persons selected in the following manner:

One disinterested person shall be chosen by the Board; one disinterested person shall be chosen by the Company; these two shall choose a third disinterested person, 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 the original term of this 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 unless the Board shall, during the original term of this contract, permit another company or an individual to operate stages or omnibuses over all or a portion of the route herein authorized. 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 entire expense of such appraisal 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 original term of the privilege hereby granted the following sums of money:

(a) The sum of five hundred dollars ($500) in cash within thirty (30) days after the date on which this contract is signed by the Mayor.

(b) During the first term of two (2) years an annual sum which shall be equal to five (5) per cent. of its gross annual receipts, but which sum shall not be less than one hundred dollars ($100).

During the succeeding term of two (2) years, an annual sum which shall be equal to five (5) per cent. of its gross annual receipts, but which sum shall not be less than one hundred and fifty dollars ($150).

During the remaining term expiring September 30, 1921, an annual sum which shall be equal to five (5) per cent. of its gross annual receipts, but which sum shall not be less than two hundred dollars ($200).

The gross annual receipts mentioned above shall be the gross annual receipts of the Company from whatever source, derived either directly or indirectly, in any manner, out of or in connection with the operation of the route hereby authorized.

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

The 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.

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

Third—The annual charges or payments shall continue throughout the whole term of this contract, 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.

Fourth—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 same streets and avenues, hereinbefore described.

Fifth—At the termination or forfeiture of this grant, the City at the election of the Board, shall have the right to purchase all or any part of the property and plant of the Company used for the purpose of the operation of the stage or omnibus route thereby authorized, at a sum equal to a fair valuation of such property and plant, exclusive of any value which such property and plant may have by reason of this contract. Such property and plant are to be valued as if the Company had not exercised the right and privilege granted by this franchise for the said period of this contract, and no allowance shall be made to the Company in such valuation by reason of such exercise.

If the Company and the City cannot agree upon such valuation of such property and plant, then such valuation thereof shall be determined and fixed by three arbitrators selected in the following manner:

One disinterested person shall be chosen by the Company; one disinterested person shall be chosen by the Board, and the two so chosen shall choose a third disinterested person. The decision under oath of any two of such persons, who shall be so selected, shall be final and conclusive.

If either the Company or the City fails to appoint an arbitrator as herein provided, or should the first two arbitrators fail to agree on the selection of the third arbitrator within thirty (30) days after the first two arbitrators shall be chosen, or if no two arbitrators so selected shall agree upon the valuation of such property within sixty (60) days after the arbitrators shall be so selected, then such valuation may be fixed by a commissioner appointed by the Supreme Court on the application of either party.

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 title thereto, or right, interest or property therein, pass to or vest in any other person or corporation whatsoever, either by the act of the Company, or by operation of law, whether under the provisions of the statutes relating to the consolidation or merger of corporations or otherwise, without the consent of the City, acting by the Board, evidenced by an instrument under seal, anything herein contained to the contrary thereof in any wise notwithstanding, and the granting, giving or waiving of any one or more of such consents shall not render unnecessary any subsequent consent or consents; and no assignment, lease or sublease of the rights or privileges hereby granted, or of any part thereof, or the route 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 assignee ot 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.

Seventh—The Company shall commence operation within three (3) months from the date on which this contract is signed by the Mayor; provided that such period may be extended by the Board for a period or periods not exceeding in the aggregate six (6) months; and provided, further, that when the commencement of said operation shall be prevented by legal proceedings in any court or by works of public improvement, or from otner causes not within the control of the Company, the time for the commencement of such operation 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 proceeding.

Eighth—Nothing herein contained shall be construed as permitting the grantee to erect any structures whatever upon City streets, and the Company shall not construct or maintain any fixture or structure in the street unless especially authorized by resolution of the Board.

Ninth—All vehicles which may be operated pursuant to this contract shall comply with the following general requirements:

1. They shall be propelled by power generated or contained within the vehicle itself, but no power shall be used which will in its generation or use produce smoke or noxious odors sufficient in the opinion of the Board or its authorized representatives to constitute a nuisance.
2. The maximum weight, including fuel, water, oil or any other material or any accessories used in operation, shall not exceed six thousand (6,000) pounds.
3. The maximum width shall not exceed seven (7) feet two (2) inches.
4. The maximum height shall not exceed eleven (11) feet eight (8) inches.
5. The maximum length shall not exceed twenty-two (22) feet.
6. They shall be designed and constructed in a manner which will permit ease and freedom of movement under all conditions.
7. The distribution of weight on axles, length of wheel base and other features of design shall be such as to avoid skidding as far as possible and shall be such as to permit easy steering and control.
8. They shall be fitted with brakes capable of stopping and holding the same under all conditions.
9. They shall be so constructed that the oil or grease cannot drop on the roadway.
10. All parts shall be so constructed that no undue noise or vibration shall result from operation.
11. All wheels shall be equipped with either pneumatic tires or tires which shall be approved by the Board or its authorized representatives, but in no event shall solid tires be used.

Tenth—No stage or omnibus shall be operated pursuant to this contract unless there shall be painted thereon in letters sufficiently large to be clearly visible for a distance of seventy-five feet:

(a) The name of the Company owning and operating such vehicle.

(b) The number of the vehicle which is assigned to it upon receiving the approval of the Board or its authorized representatives.

(c) The number of adults for which the vehicle has seating space.

Eleventh—No advertising signs shall appear on the outside of any stage or omnibus.

Twelfth—The destination of each stage or omnibus shall be plainly indicated on the front of the vehicle, and shall be illuminated at night.

Thirteenth—The number of passengers to be carried in any vehicle shall at no time exceed the seating capacity of the vehicle.

Fourteenth—The inclosed portion of all stages or omnibuses which are operated on said route shall be heated during the cold weather, in conformity with such laws and ordinances as are now in force affecting surface railway cars or such laws and ordinances affecting stages or omnibuses as may hereafter, during the term of this contract, be in force, as may be required by resolution of the Board.

Fifteenth—The inclosed portion of all stages or omnibuses operated on said route shall be well lighted as may be required by resolution of the Board.

Sixteenth—Before any stage or omnibus is put in service it must be submitted to the Board or its authorized representative and receive the approval thereof. If any vehicle which may be so submitted for approval shall not conform with the requirements herein or should any such vehicle for any reason be considered by the Board or its authorized representatives unfit for public use, then the Board or its authorized representatives may refuse such approval, in which case the Company shall not operate such vehicle. If after a vehicle shall have been so approved, defects develop which in the opinion of the Board or its authorized representatives render it unsuitable for public service, then the Board or its authorized representatives may require the withdrawal of such vehicle from service.

Upon being approved by the Board or its authorized representatives, each vehicle shall be given a number which shall not be changed so long as such vehicle shall be operated by the Company, unless and until the Company shall notify the Board that it proposes to change the number of the vehicle and of the new number which it is proposed to use.

Seventeenth—All vehicles opeated pursuant to this grant shall be maintained in good and safe repair and in a manner which will in all ways render the vehicle fit for public service. The Company shall permit the Board or its authorized representatives to inspect at all reasonable times any or all the vehicles used by the Company. If upon inspection any vehicle shall appear in the judgment of said Board or its authorized repesentatives to be unfit for public service, then the Company shall, upon notice, immediately withdraw such vehicle from service, and shall remedy the defect and notify the Board or its authorized representatives that the defect has been remedied before such vehicle shall be restored to service.

Eighteenth—All laws and ordinances affecting the operation of stages or omnibuses now in force or which may be in force during the term of this contract shall be complied with by the Company. The Company shall also comply with and enforce the carrying out of any orders or regulations which may be issued by the Board designed for the protection of persons, of property or of the comfort and health of the public.

Nineteenth—The rate of fare for any passenger upon the stage or omnibus route herein authorized shall not exceed twenty-five cents (25c.) and the Company shall not charge any passenger more than twenty-five cents (25c.) for one continuous ride from any point on the stage or omnibus route hereby authorized to any other point on the said route.

Twentieth—Stages or omnibuses shall be run on said route each day at intervals of not more than one hour between the hours of 7 o'clock a. m. and 7 o'clock p. m. and as much oftener as reasonable convenience of the public may require, as may be directed by resolution of the Board, and shall be operated on such route and at such intervals between the hours of 7 o'clock p. m. and 7 o'clock a. m. as reasonable convenience of the public may require and as may be directed by resolutions of the Board; provided, however, that during the months of December, January, February and March the Company is hereby required to operate stages or omnibuses on said route only between the hours of 8 o'clock and 10 o'clock a. m. and between 5 o'clock and 7 o'clock p. m., unless the Board shall, by resolution, direct the Company to operate during other periods of the day.

Twenty-first—The Company shall, at its own expense, do anything and everything within its power to keep its vehicles in operation on regular schedules during the existence of snow and ice in the streets and avenues upon which the Company is hereby authorized to operate, and if it shall be necessary to remove such snow and ice to the side of the roadway in order to so operate, then such removal shall be done under the supervision and to the satisfaction of the Commissioner of Street Cleaning or the Park Commissioner, but in no event shall snow or ice so removed be allowed by the Company to obstruct the crosswalks of any street.

Twenty-second—It is understood that the Company shall operate, pursuant to this contract, only the route herein authorized, but should vehicular traffic be diverted from any portion of any of the streets or avenues upon which the Company is herein authorized to operate because of fires, parades or because of any other event which will close the street to vehicular traffic temporarily, then the Company may use such other streets or avenues as are necessary to continue the operation. If, however, for any reason any of the streets and avenues in which the operation is hereby authorized shall be closed to vehicular traffic for a longer period than twenty-four hours, then the Company shall communicate with the Board or its authorized representatives and obtain authority for the operation upon other streets and avenues for the period during which said street or avenue may be closed.

Twenty-third—Should it be deemed advisable by the Board at any time during the term of this contract to require the Company to operate extensions to the route herein authorized, additional route or routes in substitution for the route herein authorized or any portion thereof, and the Board shall so order, then the Company shall, upon notice by the Board, apply for a franchise or right to operate such extension, additional or substituted routes and accept a franchise therefor upon terms and conditions similar to those contained herein, and for a term expiring not later than the date of the expiration of this contract, provided that the Board shall not hereunder require the Company to extend its route for a distance greater than one mile during any calendar year.

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

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors 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.

Twenty-fifth—The Company shall at all times keep accurate books of account of its gross receipts 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 operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books and records of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers and employees under oath.

Twenty-sixth—The Company shall keep accurate books of the performance of different types of vehicles and the different services rendered and the cost thereof, and shall at any time furnish the Board, or its authorized representatives, such information with respect thereto as shall be requested.

Twenty-seventh—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 its authorized representatives, acting under the powers herein reserved, the right or privilege herein granted may be forfeited by resolution of said Board, 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.

Any false entry in the books of the Company or false statement in the reports to the Comptroller as to a material fact, knowingly made by the Company, shall constitute such a violation or breach or failure to comply with the provisions herein contained as to warrant the forfeiture of the franchise.

Nothing herein contained shall affect in any way the right of the Company to apply to a court of competent jurisdiction for review of any action of the Board forfeiting the franchise or consent herein granted.

Twenty-eighth—If the Company shall fail to give efficient public service at the rates not exceeding those herein fixed, or fail to maintain its 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 fifty dollars ($50) as fixed or liquidated damages, or at the option of the Board, this contract may be forfeited upon ten (10) days' notice to the Company.

Twenty-ninth—The Company shall assume all liability for damages to persons or property occasioned by reason of the operation or maintenance of the stage or omnibus route hereby authorized, 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 shall repay the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirtieth—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 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 all of the terms and conditions of this contract and compliance with all orders of the Board 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 and the maintenance of vehicles 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 acting hereunder, relating to the headway, repair, maintenance or withdrawal from service of vehicles, the Company shall pay to the City as liquidated damages the sum of fifty dollars ($50) per day for each day of violation, and the further sum of ten dollars ($10) per day for each vehicle that shall not be properly heated or lighted in case of the violation of the provisions relating to those matters, all of which sums may be deducted from said fund.

The procedure for the imposition and collection of the sums as fixed or liquidated damages 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 pay such liquidated damages 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 require the payment of said sums herein provided for, or where the damages are not liquidated by the terms of this contract, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw such amount 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 hundred dollars ($500), and in default thereof, this contract may 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. These provisions for the recovery of such damages are in addition to the right to forfeit the franchise conferred by Section 2, Subdivision Twenty-seventh of this contract.

Thirty-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.

Thirty-second—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 encountered in the route hereinabove described and upon or in which authority is hereby given to the Company to operate stages or omnibuses.

Thirty-third—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 contact 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 during the entire term of this contract, whether original or renewal, 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 above written.

THE CITY OF NEW YORK, by ....., Mayor.
(Corporate Seal.)
Attest: ....., City Clerk.
CITY ISLAND MOTOR BUS CO., INC., by ....., President.
(Seal.)
Attest: ....., Secretary.

(Here add acknowledgments.)

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

Resolved, That these preambles and resolutions, including the said resolution for the grant of a franchise or right applied for by the City Island Motor Bus Co., Inc., and the said form of a 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 in full for at least fifteen (15) days immediately prior to Friday, June 30, 1916, in the CITY RECORD, together with the following notice, to wit:

Notice is hereby given, That the Board of Estimate and Apportionment before authorizing any contract for the grant of the franchise or right applied for by the City Island Motor Bus Co., Inc., 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 resolutions authorizing such contract, will, at a meeting of said Board to be held in Room 16, City Hall, Borough of Manhattan, City of New York, on Friday, June 30, 1916, at 10:30 o'clock a. m., hold a public hearing thereon at which citizens shall be entitled to appear and be heard.

Resolved, That a notice of such hearing, stating that copies of the proposed contract and resolution of consent thereto may be obtained by all those interested therein at the Bureau of Franchises, Room 1307, Municipal Building, Centre and Chambers Streets, Borough of Manhattan, shall be published at least twice, at the expense of the proposed grantee, during the ten (10) days immediately prior to Friday, June 30, 1916, in the "Globe" and "Tribune," the two daily newspapers in which the petition and notice of hearing thereon have been published.

Which was adopted by the following vote:

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

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The President of the Borough of The Bronx offered the following:

Whereas, The City Island Motor Bus Co., Inc., a corporation incorporated pursuant to the provisions of Chapter 142 of the Laws of 1854, did, under date of April 28, 1916, apply to this Board for a franchise or right to operate a stage or omnibus route beginning at the southerly end of City Island, thence along City Island Avenue, over the City Island Bridge and along the City Island Road to Pelham Road, thence along Pelham Road, Eastern Boulevard, Fordham Road and The Bronx and Pelham Parkway to Boston Road, thence along Boston Road to 177th Street; and

Whereas, said petition was presented to the Board on May 5, 1916, at which time the Board adopted a resolution fixing this day (June 2), as the date for the hearing upon said petition, pursuant to law; and

Whereas, the Bureau of Franchises has this day presented to this Board a report upon said petition, together with a form of proposed contract for the franchise, which proposed contract the Company has stated is acceptable and will be executed by the Company if the franchise is granted by this Board; and

Whereas, this Board has this day adopted a resolution entering said proposed contract upon the minutes of this Board, fixing June 30 as the date for the public hearing upon said proposed contract and directing that notices of such hearing be published, as required by law; and

Whereas, this company is desirous of commencing operation at the earliest date possible and it is the opinion of this Board that the early commencement of operation is desirable and in the interest of the traveling public; therefore, be it

Resolved, That the consent of this Board be and the same is hereby given, subject to the terms and conditions hereafter set forth, to the City Island Motor Bus Co., Inc., to operate a stage or omnibus route for public use in the conveyance of persons in the Borough of The Bronx, as follows:

Beginning in City Island Avenue at the southerly end thereof on City Island; thence along City Island Avenue to the bridge connecting City Island with the Pelham Bay Park; thence upon and along said bridge and the approaches thereto to City Island Road in Pelham Bay Park; thence along said City Island Road to Pelham Bridge Road; thence along Pelham Bridge Road and Eastern Boulevard to Fordham Road or to the prolongation of the Bronx and Pelham Parkway in Pelham Bay Park; thence along Fordham Road or the prolongation of the Bronx and Pelham Parkway in Pelham Bay Park to the Bronx and Pelham Parkway; thence along the Bronx and Pelham Parkway to Boston Road; thence along Boston Road to 177th Street.

The terms and conditions upon which the said consent is hereby granted are as follows:

1. The said consent, or any portion thereof, shall continue only during the

pleasure of the Board and shall be revocable immediately upon notice in writing to the Company, but in no event shall said consent continue to be in force after September 30, 1916, and should the franchise, for which application by this Company has been made, be granted by this Board prior to September 30, 1916, then all rights of the Company in or upon said streets by virtue of this consent shall cease and determine upon the date when said franchise shall take effect.

2. The Company shall pay into the Treasury of The City of New York, as compensation for this consent, a sum which shall equal five (5) per cent. of the gross receipts from the operation of said route during the time this consent shall be in force, which payment shall not be considered in any manner in the nature of a tax but shall be in addition to any and all taxes of whatever 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. Before the Company shall operate any vehicle pursuant to this consent it shall deposit with the Comptroller of The City of New York 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 of all the terms and conditions of this consent, and shall be deposited, pursuant to the terms and conditions under which a like sum is required to be deposited, set forth in the said proposed franchise contract this day placed upon the minutes of this Board.

4. The Company shall comply with all the provisions contained in the proposed contract for said franchise, this day placed upon the minutes of this Board, in respect to the headway of vehicles, specifications of vehicles and all the other conditions of said proposed contract which affect the operation of said vehicles. Said provisions shall have the same force and effect as if they were contained in this consent.

5. This consent shall be null and void unless the said Company shall duly execute an instrument in writing, wherein said Company shall accept this consent and shall promise, covenant and agree to conform to and 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 and before anything is done in the exercise of the consent hereby given; provided, however, that said period of thirty (30) days may be extended by the Board.

The said Company shall covenant and agree in said instrument to hold The City of New York harmless from all damages to persons and property which may result from the establishment, maintenance and operation of such stage and omnibus route, and further that said City, the Board, or members of the Board, or employees of the Board, shall assume no liability whatever on account of this consent or operation thereunder, and the Company agrees to repay to The City of New York any damages which said City shall be compelled to pay by reason of any acts or default of the Company; be it further

Resolved, That the Engineer, Chief of the Bureau of Franchises, be and hereby is designated as the representative of the Board in those matters in which a duly authorized representative of the Board is empowered to act, pursuant to the terms of the proposed franchise contract this day placed upon the minutes of the Board, whether the terms of said proposed contract apply to the consent hereby granted or to the franchise which may hereafter be granted to said Company.

Which was adopted by the following vote:

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

REPORTS.

From Standing Committees.

Committee on Corporate Stock Budget.

President, Borough of Brooklyn—Amendment of Corporate Stock Authorization (Cal. No. 8).

The Secretary presented a communication dated May 17, 1916, from the President of the Borough of Brooklyn, requesting amendment of resolution adopted May 5, 1916 (Cal. No. 8), authorizing $300,000 corporate stock for repaving streets and avenues in the Borough of Brooklyn by adding thereto additional streets; and the following report of the Committee on Corporate Stock Budget recommending approval thereof:

May 29, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 18, 1916, you referred to the Corporate Stock Budget Committee a communication dated May 17, 1916, from the President of the Borough of Brooklyn, requesting that the resolution adopted by the Board of Estimate and Apportionment on May 5, 1916, appropriating $300,000 in corporate stock for repaving a number of streets and avenues in the Borough of Brooklyn, be amended by adding the following streets to the list of streets already authorized:

Palmetto street, from Knickerbocker avenue to Irving avenue.
Vermont street, from Dumont avenue to Livonia avenue.
Waldorf Court, from Rugby road to the Brighton Beach Railroad.
Fourth avenue, from 99th street to 101st street.

The Bureau of Contract Supervision reports thereon to your Committee as follows:

"The four streets mentioned in the request of the President of the Borough of Brooklyn were included in the original repaving schedule for 1916, as submitted with a request for funds transmitted to the Board of Estimate and Apportionment by the President of the Borough of Brooklyn on March 17, 1916.

"The appropriation authorized by the Board of Estimate and Apportionment for the year was less than the request of the President of the Borough, hence, in making up the list of streets to be repaved, there was included only what was believed to be at that time the most important streets.

"The modification requested by the President does not involve the expenditure of additional funds, but simply an amendment of the original authorization permitting him to repave the four streets in question. It is believed that the repaving of these streets is desirable."

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

Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; FRANK L. DOWLING, President, Board of Aldermen; LEWIS H. POUNDS, President, Borough of Brooklyn; DOUGLAS MATHEWSON, President, Borough of The Bronx; Corporate Stock Budget Committee.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Estimate and Apportionment on May 5, 1916, as amended on May 19, 1916, authorizing an issue of serial bonds and corporate stock in the sum of three hundred thousand dollars ($300,000) for the purpose of repaving streets in the Borough of Brooklyn, under the jurisdiction of the President of the Borough of Brooklyn, be and the same is hereby *amended* by inserting in the list of streets the following:

Palmetto street, from Knickerbocker avenue to Irving avenue.
Vermont street, from Dumont avenue to Livonia avenue.
Waldorf Court, from Rugby Road to Brighton Beach Railroad.
Fourth avenue, from 99th street to 101st street.

Which was adopted by the following vote:

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

Committee on Salaries and Grades.

Department of Finance—Establishment of Grades of Positions (Cal. No. 9).

The Secretary presented a communication dated May 16, 1916, from the Deputy and Acting Comptroller, requesting establishment of the grades of positions of Chief Accountant and Chief of the Bureau of Law and Adjustment; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 23, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 16th, 1916, the DEPUTY AND ACTING COMPTROLLER requested *establishment, pursuant to the provisions of section 56 of the Greater New York Charter, of two positions.* The Bureau of Standards reports thereon as follows:

"The request is to establish the positions of Chief Accountant and Chief of the Bureau of Law and Adjustment at a salary of $5,000 for each position. The request is made to comply with the provisions of chapter 529 of the Laws of 1916, which creates these positions in place of the present Chief Accountant and Bookkeeper and Auditor of Accounts. The salaries requested are the same as those being paid at present."

In view of the foregoing, we recommend the adoption of the attached resolution granting the request. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the Department of Finance of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.	Number of Incumbents.
Chief Accountant	$6,000 00	One
Chief of the Bureau of Law and Adjustment	6,000 00	One

Which was adopted by the following vote:

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

Department of Finance—Modification of Schedules (Cal. No. 10).

The Secretary presented a communication dated May 19, 1916, from the Secretary of the Department of Finance, requesting modification of schedule for 1916; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 23, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 19th, 1916, the COMPTROLLER requested *modification of Code No. 86, for* 1916. The Bureau of Standards reports thereon as follows:

"Purpose—To add five Clerks at $540, and to add $240 to the present Balance Unassigned.

"Reason—To add five Clerks to the force of the Central Payroll Division.

"Finding—At the time of the preparation of the 1916 Budget, the payroll force of the Department of Street Cleaning was continued in that Department to protect the pension rights of the employees. The employees were assigned to the Central Payroll Division with the understanding that as vacancies occurred in the Department of Street Cleaning they would be transferred back and their places in the Central Payroll Division filled by transfer of funds from the Department of Street Cleaning.

"On March 24th, 1916, the Board of Estimate and Apportionment transferred $2,940 to the Department of Finance to provide funds for the employment of five Clerks to take the places of others who were released in accordance with this understanding."

Recommendation—In view of the foregoing, we recommend the adoption of the attached resolution granting the request. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Finance for the year 1916, effective as of May 1, 1916, as follows:

Personal Service, Salaries Regular Employees.

86	Auditing, Disbursing and Accounting, Auditing and Accounting—	
	Chief Auditor of Accounts	$6,000 00
	Chief Accountant and Bookkeeper	6,000 00
	Accountant	4,000 00
	Bookkeeper	4,000 00
	Auditor of Accounts, 12 at $3,000	36,000 00
	Auditor of Accounts	2,500 00
	Auditor of Accounts	2,100 00
	Examiner of Accounts of Institutions	5,000 00
	Expert Accountant	3,000 00
	Expert Accountant	2,100 00
	Expert Accountant	1,800 00
	Expert Accountant	1,380 00
	Accountant	3,000 00
	Accountant, 4 at $2,400	9,600 00
	Accountant	2,100 00
	Accountant, 2 at $1,800	3,600 00
	Accountant	1,650 00
	Bookkeeper	3,150 00
	Bookkeeper	2,400 00
	Bookkeeper	2,250 00
	Bookkeeper	1,980 00
	Bookkeeper	1,680 00
	Bookkeeper, 3 at $1,650	4,950 00
	Bookkeeper	1,500 00
	Bookkeeper, 3 at $1,440	4,320 00
	Bookkeeper, 8 at $1,350	10,800 00
	Bookkeeper, 3 at $1,320	3,960 00
	Bookkeeper, 13 at $1,200	15,600 00
	Examiner	4,000 00
	Examiner	2,250 00
	Examiner, 2 at $2,100	4,200 00
	Examiner, 5 at $1,800	9,000 00
	Examiner, 2 at $1,650	3,300 00
	Examiner, 4 at $1,500	6,000 00
	Examiner	1,350 00
	Examiner, 2 at $1,200	2,400 00
	Examiner	1,050 00
	Examining Inspector	1,920 00
	Examining Inspector, 3 at $1,800	5,400 00
	Examining Inspector	1,500 00
	Examining Inspector, 11 at $1,380	15,180 00
	Examining Inspector	1,200 00
	Inspector of Repairs and Supplies	2,100 00
	Inspector of Repairs and Supplies	1,800 00
	Inspector of Repairs and Supplies, 10 at $1,380	13,800 00
	Inspector of Regulating, Grading and Paving	1,350 00
	Inspector of Regulating, Grading and Paving, 3 at $1,200	3,600 00
	Veterinarian	1,800 00
	Cashier	2,100 00
	Security Deposit Clerk	2,100 00
	Clerk (Chief)	4,500 00
	Clerk, 3 at $2,100	6,300 00
	Clerk, 2 at $1,950	3,900 00
	Clerk, 8 at $1,800	14,400 00
	Clerk, 2 at $1,680	3,360 00
	Clerk, 4 at $1,650	6,600 00
	Clerk, 12 at $1,500	18,000 00
	Clerk, 2 at $1,440	2,880 00
	Clerk	1,380 00
	Clerk, 3 at $1,350	4 050 00
	Clerk, 2 at $1,320	2,640 00
	Clerk, 12 at $1,200	14,400 00
	Clerk (Card Indexer)	1,200 00

Clerk	1,080 00
Clerk, 13 at $1,050	13,650 00
Clerk (Card Indexer)	1,050 00
Clerk	1,020 00
Clerk, 10 at $900	9,000 00
Clerk	840 00
Clerk, 3 at $750	2,250 00
Clerk, 5 at $720	3,600 00
Clerk, 4 at $600	2,400 00
Clerk, 9 at $540	4,860 00
Clerk, 10 at $480	4,800 00
Clerk, 2 at $360	720 00
Clerk, 6 at $300	1,800 00
Clerk with Special Knowledge as Cataloguer	750 00
Financial Clerk	3,150 00
Financial Clerk, 2 at $1,350	2,700 00
Stenographer and Typewriter	1,320 00
Stenographer and Typewriter, 2 at $1,200	2,400 00
Stenographer and Typewriter, 5 at $900	4,500 00
Stenotypist	960 00
Typewriting Copyist	900 00
Typewriter Accountant	1,350 00
Typewriter Accountant, 5 at $1,200	6,000 00
Typewriter Accountant	1,050 00
Messenger, 2 at $1,050	2,100 00
Guard	1,050 00
Balance Unassigned	410 00
Schedule total	$393,140 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

President, Borough of Manhattan—Modification of Schedule (Cal. No. 11).

The Secretary presented a communication dated May 3, 1916, from the President of the Borough of Manhattan requesting modification of schedule for 1916; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 16, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 3, 1916, the PRESIDENT OF THE BOROUGH OF MANHATTAN requested *a modification of Code No. 379 for* 1916. The Bureau of Standards reports thereon as follows:

"Purpose—(1) To change schedule lines as follows: Foreman, $5 per day, 300 days, reduced 48 days; Assistant Foreman, $3.50 per day, 300 days, increased 475 days; Assistant Foreman, $3 per day, 1,435 days, reduced 585 days; Assistant Foreman, $2.50 per day, 366 days, reduced 27 days; Laborer, $3 per day, 13,800 days, reduced 335 days; Laborer, $2.50 per day, 18,900 days, increased 373 days; Sewer Cleaner, $2.50 per day, 900 days, increased 487 days; Dock Carpenter, $4.50 per day, 300 days, reduced 12 days; Dock Carpenter, $4 per day, 1,200 days, reduced 54 days.

"(2) A new line, Foreman Mason, $5 per day, 205 days, is added.

"Reason—(1) Changes in schedule lines are made for the reason that it is desired to provide additional labor for one gang and to increase the compensation of an Assistant Foreman from $3 to $3.50 per day in order that Assistant Foremen performing similar work may receive the same wage.

"(2) A Foreman Mason is requested to take charge of the additional force.

"Finding—(1) The request is reasonable. The proposed changes will permit of a more efficient organization.

"(2) A Foreman Mason is required for the remainder of this year on account of the readjustment in force."

Recommendation—In view of the above report the Committee recommends that the request be granted by the adoption of the attached resolution. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

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 President of the Borough of Manhattan, for the year 1916, as follows:

379 Care of Sewers, Cleaning and Repairing—

Foreman, at $5 per day, 252 days	$1,260 00
Assistant Foreman, at $3.50 per day, 775 days	2,712 50
Assistant Foreman, at $3 per day, 850 days	2,550 00
Assistant Foreman, at $2.50 per day, 339 days	847 50
Laborer, at $3 per day, 12,965 days	38,895 00
Laborer, at $2.50 per day, 19,273 days	48,182 50
Sewer Cleaner, at $2.50 per day, 1,387 days	3,467 50
Dock Carpenter, at $4.50 per day 288 days	1,296 00
Dock Carpenter, at $4 per day, 1,146 days	4,584 00
Foreman Mason, at $5 per day, 205 days	1,025 00
Schedule Total	$104,820 00

Which was adopted by the following vote:

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

President, Borough of Queens; Departments of Health and Public Charities—Transfer of Appropriation and Modification of Schedules (Cal. No. 12).

The Secretary presented a communication dated May 29, 1916, from the President of the Borough of Queens, requesting modification of schedules involving a transfer within appropriations for 1916; and the following report of the Committee on Salaries and Grades relative thereto:

May 31, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 29, 1916, the President of the Borough of Queens requested modification of Code 651 for 1916. The Bureau of Standards reports thereon as follows:

"Purpose—To add a position of Clerk and Bookkeeper at $1,800. It is proposed to fill the position by the transfer of Mr. Louis N. Connolly from the Department of Health, where he has been receiving a salary of $3,000.

"The work to be done by Mr. Connolly falls within the Bookkeeper group of the clerical service, with a maximum rate of $1,800. The funds are obtained by the transfer of $900 from the Department of Charities Code 1909, where vacant positions of Matron at $780 and Cook at $420 are eliminated; and of $900 from the Department of Health Code 1817, by the elimination of a vacant position of Nurse at $900."

Recommendation—In view of the above report we recommend the adoption of the attached resolutions modifying the proper schedules. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

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 for the year 1916, as follows:

FROM

DEPARTMENT OF HEALTH.

Personal Service, Salaries, Regular Employees.

1817	Executive	$525 00

DEPARTMENT OF PUBLIC CHARITIES.

Personal Service, Salaries, Regular Employees.

1909	Housekeeping	525 00
		$1,050 00

TO

PRESIDENT, BOROUGH OF QUEENS.

Personal Service, Salaries, Regular Employees.

651	Audit and Accounts	$1,050 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Health for the year 1916, effective as of May 1, 1916, as follows:

Personal Service, Salaries, Regular Employees, Administration.

1817	Executive—	
	Commissioner	$7,500 00
	Secretary to Commissioner	3,360 00
	Stenographer to President	1,200 00
	Secretary	5,000 00
	Medical Inspector	3,780 00
	Clerk	3,000 00
	Clerk, 3 at $2,100	6,300 00
	Clerk	1,800 00
	Clerk	1,740 00
	Clerk	1,680 00
	Clerk	1,560 00
	Clerk, 3 at $1,500	4,500 00
	Clerk, 2 at $1,320	2,640 00
	Clerk, 5 at $1,200	6,000 00
	Clerk	1,020 00
	Clerk	960 00
	Clerk, 7 at $900	6,300 00
	Clerk, 2 at $840	1,680 00
	Clerk, 5 at $600	3,000 00
	Clerk, 9 at $540	4,860 00
	Clerk, 2 at $480	960 00
	Clerk, 3 at $300	900 00
	Law Clerk	2,460 00
	Stenographer and Typewriter, 2 at $1,020	2,040 00
	Stenographer and Typewriter, 7 at $900	6,300 00
	Stenographer and Typewriter, 8 at $750	6,000 00
	Stenographer and Typewriter, 18 at $720	12,960 00
	Stenographer and Typewriter, 2 at $840	1,680 00
	Typewriting Copyist	900 00
	Typewriting Copyist, 9 at $750	6,750 00
	Typewriting Copyist, 4 at $720	2,880 00
	Typewriting Copyist, 16 at $660	10,560 00
	Telephone Switchboard Operator, 8 at $900	7,200 00
	Telephone Switchboard Operator	840 00
	Telephone Switchboard Operator, 3 at $660	1,980 00
	Automobile Engineman, 6 at $1,200	7,200 00
	Messenger	1,050 00
	Attendant	720 00
	Laborer	780 00
	Schedule Total	$142,040 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Public Charities for the year 1916, effective as of June 1, 1916, as follows:

Personal Service, Salaries, Regular Employees.

1909	Housekeeping—	
	Kitchen and Dining Room—	
	Dietitian, 1 at $1,020 with maintenance	$1,020 00
	Pupil Dietitian, 3 at $120 with maintenance	360 00
	Balance unassigned	300 00
		$1,680 00
	General Medical Superintendent's Residence—	
	Cook, 1 at $420 with maintenance	$420 00
	Superintendent's Residence—	
	Cook, 1 at $420 with maintenance	420 00
	Employees' Dining Room—	
	Hospital Helper, 2 at $300 with maintenance	600 00
	Hospital Helper, 13 at $240 with maintenance	3,120 00
	Hospital Helper, 10 at $210 with maintenance	2,100 00
		$5,820 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

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 President of the Borough of Queens for the year 1916, effective as of June 1, 1916, as follows:

PRESIDENT, BOROUGH OF QUEENS.

Personal Service, Salaries, Regular Employes.

651.	Audit and Accounts—	
	Bookkeeper	$2,040 00
	Clerk and Bookkeeper	1,800 00
	Clerk and Bookkeeper	1,680 00
	Clerk	1,680 00
	Clerk, 2 at $1,650	3,300 00
	Clerk	1,350 00
	Clerk	1,320 00
	Clerk, 6 at $1,200	7,200 00
	Clerk, 3 at $1,050	3,150 00
	Clerk	900 00
	Clerk	780 00
	Clerk	720 00
	Clerk, 3 at $600	1,800 00
	Clerk	540 00
	Clerk, 2 at $300	600 00
	Storekeeper	1,800 00
	Stenographer and Typewriter	1,320 00
	Messenger	1,500 00
	Assistant Engineer	2,280 00
	Schedule Total	$35,760 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

President, Borough of Richmond—Modification of Schedule (Cal. No. 13).

The Secretary presented a communication dated May 10, 1916, from the President of the Borough of Richmond, requesting *modification of schedule for 1916*; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 23, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 10th, 1916, the PRESIDENT, BOROUGH OF RICHMOND, requested *modification of Code No.* 751 *for* 1916. The Bureau of Standards reports thereon as follows:

"Purpose—(1) To eliminate the line Stenographer and Typewriter at $720 per annum, and add a line Clerk, at $540 per annum.

"(2) To eliminate the line Typewriter Copyist at $1,020 per annum, and add a line Clerk at the same rate.

"Reason—(1) To promote William McLaughlin, Clerk, from $480 to $540 per annum.

"(2) To change the title of Manfred G. D'Agnese, Typewriting Copyist, to Clerk.

"Finding—(1) A salary increase of $60 is involved. The work to be performed falls within Grade 2 of the Clerk Group, with a salary range from $540 to $720 per annum.

"(2) No change in compensation is involved. The work to be performed falls within Grade 3 of the Clerk Group, with a salary range from $840 to $1,200 per annum."

Recommendation—In view of the foregoing report, the Committee recommends that the request be granted by the adoption of the attached resolution. *Respectfully,*

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

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 President of the Borough of Richmond, for the year 1916, effective as of May 1, 1916, as follows:

Salaries, Regular Employees.

751	Audit and Accounts—	
	Chief Clerk	$2,500 00
	Clerk	1,800 00
	Clerk, 2 at $1,500	3,000 00
	Clerk	1,350 00
	Clerk, 2 at $1,200	2,400 00
	Clerk	1,020 00
	Clerk	540 00
	Stenographer and Typewriter	1,500 00
	Typewriting Copyist	900 00
	Balance Unassigned	180 00
	Schedule total	$15,190 00

Which was adopted by the following vote:

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

Department of Public Charities—Modification of Schedule (Cal. No. 14).

The Secretary presented a communication dated March 11, 1916, from the Secretary of the Department of Public Charities, requesting modification of schedule for 1916; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 20, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On March 11, 1916, the DEPARTMENT OF PUBLIC CHARITIES requested *modification of Code No.* 1911 *for* 1916. The Bureau of Standards reports thereon as follows:

"Purpose—Position of Hospital Clerk at $480 and Pupil Nurse at $120 are added and the funds for this change secured by elimination of a Trained Nurse at $600.

"Reason—The new Medical Board of Cumberland Street Hospital has reorganized the medical work of the institution and require an addition clerk for the medical records. The work of the Trained Nurse eliminated to secure the necessary funds can be performed by a Pupil Nurse.

"Finding—The request is proper and necessary. The character of the work to be performed by the Hospital Clerk will require a grade of service that cannot be secured at less than $480 and maintenance, therefore the minimum is not recommended."

Recommendation—In view of the above facts we recommend that the request be granted by the adoption of the attached resolution. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn, Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Public Charities for the yeaer 1916, as follows:

Personal Service, Salaries Regular Employees.

1911	Cumberland Street Hospital, Nursing Care—	
	Assistant Superintendent, 1 at $1,200 with maintenance	$1,200 00
	Chief Nurse, 1 at $840 with maintenance	840 00
	Chief Nurse, 1 at $780 with maintenance	780 00
	Chief Nurse, 1 at $720 with maintenance	720 00
	Trained Nurse, 5 at $600 with maintenance	3,000 00
	Hospital Helper, 8 at $240 with maintenance	1,920 00
	Hospital Helper, 6 at $210 with maintenance	1,260 00
	Hospital Clerk, 1 at $480 with maintenance	480 00
	Pupil Nurse, 1 at $120 with maintenance	120 00
		$10,320 00

Which was adopted by the following vote:

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

Department of Docks and Ferries—Modification of Schedule (Cal. No. 15).

The Secretary presented a communication dated May 5, 1916, from the Deputy and Acting Commissioner of Docks, requesting modification of schedule for 1916; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 24, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 5, 1916, the COMMISSIONER OF DOCKS requested a *modification of Code No.* 2810½*C for* 1916. The Bureau of Standards reports thereon as follows:

"Purpose—(1) To increase the allowance for Transitman at $1,800 per annum by 7 months.

"Reason—(1) To employ Arthur Mimnaugh on the construction of pier and shed, 35th street, Brooklyn. On March 31, 1916, the Board of Estimate and Apportionment authorized a temporary schedule for his employment pending the retirement of John T. Hilton, which retirement the Board has denied. The force allowed in the Budget for the year 1916, is sufficient, but the Commissioner has retained Mr. Hilton in the service, he being a Civil War veteran. The work of the department cannot be performed properly if Mr. Hilton is to be one of the two transitmen allowed in the schedule.

"Finding—(1) The request under these circumstances is necessary."

Recommendation—In view of the above report the Committee recommends that the request be granted by the adoption of the attached resolution. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Docks and Ferries for the year 1916, effective as of June 1, 1916, as follows:

Personal Service, Salaries, Temporary Employees, General Maintenance, Engineering.

2810½C	Corporate Stock Force—	
	Mill Basin Dredging—C. D. D. 25A—Transitman and Computer at $1,800 (4 months)	$600 00
	West 56th Street and West 57th Street Improvement—C. D. D. 40—Transitman and Computer at $1,800 (2 months)	300 00
	Pier and Shed, 35th Street, Brooklyn—C. D. D. 38—Transitman and Computer at $1,800 (9 months)	1,350 00
	Schedule Total	$2,250 00
	Corporate Stock Allowance	$2,250 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

Department of Plant and Structures (Department of Bridges)—Authority to Fill Vacancy and Establishment of Grade of Position (Cal. No. 16).

The Secretary presented a report of the Committee on Salaries and Grades recommending establishment in the Department of Plant and Structures of the grade of position of Assistant Engineer, at $2,280 per annum, and the filling of the position at $2,250, pending the establishment thereof by the Board of Aldermen at $2,280 per annum.

The report was withdrawn by the Deputy and Acting Comptroller.

Department of Parks, Borough of Brooklyn—Transfer of Appropriation and Modification of Schedules (Cal. No. 17).

The Secretary presented a communication dated March 17, 1916, from the Commissioner of Parks, Borough of Brooklyn, requesting modification of schedule involving a transfer of funds within the appropriation for 1916; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 24, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On March 17, 1916, the COMMISSIONER OF PARKS, BROOKLYN, requested *modification of Codes Nos.* 1280 *and* 1281, *for* 1916, involving a transfer of funds.

The Commissioner requests that the line Stenographer to the Commissioner be changed from $1,200 to $1,350 in Code 1280, and the line Stenographer from $1,050 to $1,200 in Code 1281. The purpose is to increase the salary of Irma M. Combes from $1,200 to $1,350 and of Mildred A. Risstedt from $1,050 to $1,200. He states that Mrs. Combes performs secretarial work of a high order and that in his opinion she is entitled to a salary of $1,350. She also takes testimony at hearings held by the Commissioner and has been assigned to the technical preparation of the budget estimates for the department, which he states is work of a highly confidential and responsible nature. Miss Risstedt does the stenographic work required in the preparation of contracts, plans and specifications. Much of her work is of a highly technical character. She formerly received $1,200 a year in the Board of Water Supply.

To provide the funds necessary for the change, it is requested that a position of Stenographer be reduced from $1,500 to $1,200, the latter being the figure at which the position has recently been filled by transfer.

The Committee recommends the adoption of the attached resolutions granting the request. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn, Committee on Salaries and Grades.

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 Parks, Borough of Brooklyn, for the year 1916, as follows:

FROM

Personal Service, Salaries Regular Employees.

1280	Administration, General	$100 00

TO

Personal Service, Salaries Regular Employees.

1281TC	Engineering, Tax Levy and Corporate Stock Force	$100 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Parks, Borough of Brooklyn, for the year 1916 as follows:

Personal Service, Salaries Regular Employees.

1280	Administration, General—	
	Superintendent	$4,000 00
	Secretary to the Commissioner	2,500 00
	Chief Clerk	2,250 00
	Bookkeeper	1,200 00
	Clerk	1,350 00
	Clerk	1,080 00
	Clerk, 2 at $1,050	2,100 00
	Clerk	900 00
	Clerk	780 00
	Clerk	540 00
	Stenographer	1,200 00
	Stenographer to the Commissioner	1,350 00
	Telephone Operator	900 00
	Property Clerk	1,800 00
	General Foreman	1,650 00
	Superintendent of Supplies	1,800 00
	Inspector of Masonry	1,500 00
	Recreation Supervisor	1,500 00
	Balance Unassigned	570 00
	Schedule Total	$28,970 00
1281TC	Engineering, Tax Levy and Corporate Stock Force—	
	Assistant Engineer	$2,280 00
	Topographical Draftsman	1,800 00
	Transitman	1,650 00
	Inspector of Masonry	1,200 00
	Rodman	1,200 00
	Rodman	900 00
	Axeman, 3 at $900	2,700 00
	Axeman	720 00
	Stenographer	1,200 00
	Schedule total	$13,650 00
	Tax Levy Allowance	$7,950 00
	Corporate Stock Allowance	5,700 00
	Total Allowance	$13,650 00

Which was adopted by the following vote:

Affirmative—The Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, Queens and Richmond—12.

Negative—The President of the Borough of The Bronx—1.

District Attorney, Queens County—Modification of Schedule (Cal. No. 18).

The Secretary presented a communication dated April 21, 1916, from the District Attorney of Queens County requesting modification of schedule for 1916; and the following report of the Committee on Salaries and Grades recommending approval thereof:

May 19, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On April 21, 1916, the DISTRICT ATTORNEY, QUEENS COUNTY, requested *modification of Code No. 3535 for* 1916. The Bureau of Standards reports thereon as follows:

"Purpose—To change the line Clerk at $1,200 to read Clerk at $1,320, and to wipe out the line 'Balance unassigned, $120.'

"Reason—In the 1916 budget, the salary of Thomas A. Lynch, Clerk, was provided for at the rate of $1,320. The State Civil Service Commission refused to approve the salary for Mr. Lynch at a higher rate than $1,200, prior to July 1, 1916. The District Attorney now desires to make the modification providing for the salary of Mr. Lynch at $1,320 to be effective as of July 1, 1916.

"Finding—The request is proper and necessary."

Recommendation—In view of the above report, the Committee recommends that the request be granted by the adoption of the attached resolution. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn, Committee on Salaries and Grades.

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 District Attorney, Queens County, for the year 1916, to be effective July 1, 1916, as follows:

Personal Service.

3535	Salaries Regular Employees—	
	District Attorney	$8,000 00
	Assistant District Attorney	4,000 00
	Assistant District Attorney, 3 at $3,000	9,000 00
	Deputy District Attorney	1,800 00
	Chief Clerk	2,400 00
	Stenographer and Indictment Clerk	1,800 00
	Clerk	1,320 00
	Stenographer	1,500 00
	Stenographer to Grand Jury	1,000 00
	County Detective	1,200 00
	Investigator	1,500 00
	Process Server, 4 at $1,000	4,000 00
	Process Server	840 00
	Clerk	540 00
	Clerk	300 00
	Schedule Total	$39,200 00

Which was adopted by the following vote:

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

Supreme Court, Appellate Division, 2nd Department—Issue of Special Revenue Bonds and Modification of Schedule (Cal. No. 19).

The Secretary presented a report of the Committee on Salaries and Grades recommending approval of the request of the Presiding Justice, Appellate Division, 2nd Department, for an issue of special revenue bonds to pay the salary of a Confidential Opinion Stenographer of the Appellate Term, 2nd Judicial Department, at $3,000 per annum, from May 4th to December 31st, 1916, and modification of schedule involved.

The matter was laid over one week (June 9, 1916) under Rule 19.

From Select and Special Committees.

Board of Estimate and Apportionment—Final Report of the Committee on Building Districts and Restrictions (Cal. No. 20).

(On March 10, 1916, the tentative report of the Committee was presented and resolution adopted fixing dates for hearings thereon—see Minutes, pages 1366-1374.)

(On April 7, 1916 (Cal. No. 91), a resolution was adopted authorizing $500 for printing copies of said tentative report.)

The Secretary presented the following:

City of New York, Commission on Building Districts and Restrictions, Municipal Building, New York, May 29, 1916.

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

Dear Sir—I transmit herewith for Friday's calendar, June 2, the final report of the Commission on Building Districts and Restrictions. The Charter (section 242a and 242b) provides that after receiving such final report the Board "shall afford persons interested an opportunity to be heard at a time and place to be specified in a notice of hearing to be published for ten consecutive days in the CITY RECORD."

The Commission suggests that the Committee on the City Plan be authorized to have 600 copies of the report and accompanying resolution printed for immediate distribution at an expense not to exceed $400. Also that the Committee on the City Plan be authorized to prepare for later publication a more complete edition of the report, including an abstract of the testimony taken at the public hearings before the Commission. Very truly yours, ROBERT H. WHITTEN, Secretary.

REPORT—DISTRICTING COMMISSION.

June 2, 1916.

Chapter I. Introduction.
Chapter II. Necessity for Comprehensive Plan of Building Control.
Chapter III. Use Districts.
Chapter IV. Appropriate Intensity of the Use of Land.
Chapter V. Height Districts.
Chapter VI. Area District.
Chapter VII. Future Change and Development of Districting Plan.
Appendix I. Charter Provisions.
Appendix II. Districting Resolution.

CHAPTER I.—INTRODUCTION.

To the Board of Estimate and Apportionment:

On May 22, 1914, the Board of Estimate and Apportionment adopted the following resolution:

"Whereas, Chapter 470 of the Laws of 1914, approved by the Governor April 20, 1914, authorizes the Board of Estimate and Apportionment to divide the City into districts and to regulate the height of buildings, the area of courts and open spaces, the location of trades and industries and the erection of buildings designed for specified uses; and

"Whereas, The statute provides that before establishing such districts and adopting such regulations the said Board shall appoint a commission 'to recommend the boundaries of districts and appropriate regulations to be enforced therein'; therefore be it

"Resolved, That the Board of Estimate and Apportionment appoint a Commission on Building Districts and Restrictions of not less than nine, nor more than nineteen members, serving without pay, if not already in the employment of the City, to recommend the boundaries of districts and appropriate regulations to be enforced therein; and

"Resolved, That the Committee on the City Plan of the Board of Estimate and Apportionment, the Chief Engineer of the Board, the Presidents of the various boroughs and the various City departments be requested to advise with the Commission, and to co-operate actively with it in the preparation and study of the necessary data; and

"Resolved, That the Secretary of the Committee on the City Plan shall serve also as Secretary of the Commission; and

"Resolved, That before reporting its recommendations the Commission shall hold public hearings hereon."

On June 26, 1914, the present Commission on Building Disrticts and Restrictions was appointed pursuant to the above resolution.

The work of the Districting Commission was preceded by the investigations and report of the Heights of Buildings Commission. On February 27, 1913, the Board of Estimate adopted the following resolution:

"Whereas, There is a growing sentiment in the community to the effect that the time has come when effort should be made to regulate the height, size and arrangement of buildings erected within the limits of the City of New York; in order to arrest the seriously increasing evil of the shutting off of light and air from other buildings and from the public streets; to prevent unwholesome and dangerous congestion both in living conditions and in street and transit traffic and to reduce the hazards of fire and peril to life; and

"Whereas, Under the provisions of section 407 of the Charter, the hieght and size of buildings may be regulated by city ordinance, but such ordinance must first have the approval of the Board of Estimate and Apportionment; therefore be it

"Resolved, That the Chairman be authorized to appoint a committee of three members of the Board of Estimate and Apportionment to take this general subject under consideration, to inquire into and investigate conditions actually existing, and to ascertain and report whether, in their judgment, it is desirable to regulate the height, size and arrangement of buildings hereafter to be erected or altered within the City limits, with due regard to their location character or uses, to examine into the practice and the comparative experience of other cities either here or abroad, and to consider and report upon the question of the legal right of The City of New York to regulate building construction in the manner proposed; and be it further

"Resolved, That such Committee may also investigate and report whether, in their judgment, it would be lawful and desirable for the purpose of such regulation to divide the City into districts or into zones, and to prescribe the regulation of the height, size and arrangement of buildings upon different bases in such different districts or zones; and be it further

"Resolved, That the Committee, when appointed, may in turn appoint an advisory commission to aid in its work, such commission to consist of as many members as the Committee may determine, serving without pay, if not already in the employment of the City, but including representatives of each of the several boroughs, and that either the Committee or its advisory commission may hold public hearings in each of the boroughs and may use all appropriate means to bring the subject to the attention of the taxpayers and to other persons who may be interested; and be it further

"Resolved, That the Committee be empowered to employ a Secretary, who shall also be the Secretary of the advisory commission, to secure such expert or technical advice as it may require for its proper guidance, and to incur such other incidental expenses as it may from time to time find necessary, such disbursements to be made from the Contingent Fund of this Board, but not to exceed in the aggregate the sum of $15,000; and be it further

"Resolved, That the said Committe be instructed to submit, if practicable, in advance of any general report that it may make, suggestions and recommendations with relation to the proposed limitation of the height of buildings upon Fifth Avenue, between One Hundred and Tenth Street and Washington Square, in the Borough of Manhattan, and within certain prescribed areas on either side of the said avenue, as proposed in the resolution presented to this Board on May 9, 1912, and now pending; and be it further

"Resolved, That such Committee shall submit its final report and recommendations to the Board not later than six months from the date of its appointment, and shall thereupon cease to exist."

In accordance with this resolution the Mayor appointed a Heights of Buildings Committee with George McAneny, President of the Borough of Manhattan, as Chairman. This Committee appointed an Advisory Commission consisting of the following members: Edward M. Bassett, Chairman; Edward C. Blum, Edward W. Brown, William H. Chesebrough, William A. Cokeley, Otto M. Eidlitz, Abram I. Elkus, Burt L. Fenner, J. Monroe Hewlett, Robert W. Higbie, C. Grant La Farge, Nelson P. Lewis, George T. Mortimer, Lawson Purdy, Allan Robinson, August F. Schwarzler, Franklin S. Tomlin, Lawrence Veiller and Gaylord S. White.

On December 23, 1913, this Advisory Commission submitted its report. The Commission, through its technical staff, made extensive investigations, both of existing conditions in New York City and of the practice and experience of other cities, both domestic and foreign, including an intensive study of the zone regulations of German cities. The Commission held an extended series of hearings and of conferences with leading experts and others representing the civic, social, professional, business and real estate interests of the entire city. The Commission's report of 295 pages contains a thoroughgoing and authoritative discussion of the problem of regulating the height, area and use of buildings. The Commission states that it finds conclusive evidence of the need of greater control over building development. "The present almost unrestricted power to build to any height, over any proportion of the lot, for any desired use and in any part of the city, has resulted in injury to real estate and business interests, and to the health, safety and general welfare of the city." The Commission found that any complete system of building control necessitated the application of different regulations to different parts of the city and accordingly recommended that the city be divided into districts and that the restrictions for each district be worked out with reference to the peculiar needs and requirements of that particular district.

The resolution under which the Heights of Buildings Commission was appointed directed it to investigate and report on whether in its judgment a districting plan would be lawful. The Commission gave much attention to this problem and considered carefully the various laws and decisions bearing on the subject. As a result of such consideration the Commission gave as its mature opinion that reasonable and appropriate regulations for the districting of the city are constitutional under the general police powers of the State. The Commission submitted a draft charter amendment permitting the Board of Estimate and Apportionment to divide the city into districts for the purpose of regulating the height of buildings, the area of courts and open spaces, the location of trades and industries and the location of buildings designed for specified uses. This draft amendment was passed by the Legislature, approved by the Governor and became a law April 20, 1914 (See Appendix I). Pursuant thereto the present Districting Commission was appointed.

Taking up the work where the former Heights of Buildings Commission left it and using its data, investigations and report, the Commission has during the past two years made an exhaustive study of the entire subject. The Committee on the City Plan of the Board of Estimate placed at the disposal of the Commission its expert staff. The Commission has made an extensive study of the present distribution of population and of the present and proposed transit facilities, including a detailed transit time zone map showing the estimated time from 14th Street, Manhattan, to every section of the city under the new dual subway system. Maps have also been prepared showing the distribution of factory employees in the places in which they work throughout the city; also maps showing graphically and in detail the assessed land values per front foot throughout the city. With the aid of insurance and real estate atlases, maps have been prepared for each borough showing at various periods in their history the transit lines and the building development and its use for residential, business and industrial purposes. The present building development has been most carefully studied and maps have been prepared to show graphically and in detail the height of each building and the percentage of the lot covered by it. Maps were also prepared showing existing grades, contours and other topographical features. The entire area has also been studied in detail and on the ground by members of the Commission and its staff of experts.

The Charter amendment under which the Commission is acting directs it before submitting a final report to the Board of Estimate to make a tentative report and hold public hearings thereon at such times and places as the Board shall require. Accordingly on March 10, 1916, the Commission submitted to the Board a tentative report and the Board fixed as dates for public hearings March 27th, 28th, 29th and 30th, and April 3rd, 4th, 5th, 6th, 10th, 11th, 12th, 13th, 17th and 18th. In addition to the hearings above specified adjourned hearings have been held as follows: April 20th, May 4th, 8th, 9th, 10th, 11th, 15th, 18th, 22nd, 24th, 25th, 31st.

The tentative report included a brief discussion of the general principles in-

volved in the proposed plan and a draft resolution with accompanying maps embodying the plan in detail. The tentative report and maps were printed and distributed widely among interested individuals and associations. Many of the maps were also printed by various newspapers. A stenographic record was taken of the public hearings. The general opinion expressed was overwhelmingly in favor of the general plan outlined. Not a single organization, and only two or three individuals, expressed dissent from the general principle involved. Many individuals and associations testified strongly to the urgent necessity for the adoption of the plan proposed. Many asked for detailed modifications of the plan. Most of these were for the application of more restrictive regulations. A few associations and individuals, while heartily commending the plan, urged that, especially as to limitation of height and area covered, the plan be made more stringent. Leading experts in various lines appeared and urged the supreme need for the adoption of the proposed comprehensive plan in the interest of public health, safety and general welfare. Subsequent to the hearings, the Commission has considered carefully the various suggestions and protests made to it at the hearings and through written or oral communication. As a result of such reconsideration it has made numerous changes in detail in its proposed plan. The general plan and the principles underlying it have not been materially changed. The revised plan is herewith submitted as the final report of the Commission.

CHAPTER II—NECESSITY FOR A COMPREHENSIVE PLAN OF CITY BUILDING.

City planning is a prime need of our City. It is plain common sense to have a plan before starting to build. City building is no exception to the rule. Haphazard city building without a comprehensive plan is ruinous.

The bigger a city grows the more essential a plan becomes. Traffic problems, the congestion of population, the intensive use of land, the magnitude of the property values, involved make the control of building development more and more essential to the health, comfort and welfare of the city and its inhabitants. New York City has reached a point beyond which continued unplanned growth cannot take place without inviting social and economic disaster. It is too big a city, the social and economic interests involved are too great to permit the continuance of the *laissez faire* methods of earlier days.

As has been stated by the Committee on the City Plan of the Board of Estimate: "With or without a comprehensive city plan the city will probably spend hundreds of millions of dollars on public improvements during the next thirty years. In addition, during this same period, property owners will spend some billions of dollars in the improvements of their holdings. To lay down the general lines of city development so that those expenditures when made will in the greatest possible measure contribute to the solid and permanent upbuilding of a great and ever greater city—strong commercially, industrially and in the comfort and health of its people—furnishes the opportunity and the inspiration for city planning."

While city planning includes the street and block layout, park and recreation system, location of public buildings, sewerage system, water supply, transit and transportation systems, and port and terminal facilities, these constitute but half the problem. The way in which private property, which occupies almost two-thirds of the entire area, is developed is of at least equal importance. No plan for the development of public facilities can be complete and effective unless there goes with it a comprehensive plan for the control of building development on private property.

A street layout planned for a five-story city may be wholly inadequate for a ten-story city. Street capacity adapted to the convenient movement of traffic of all kinds is of supreme importance to the prosperity of the city. Street congestion means loss of economic efficiency and is a menace to public safety and order. We cannot hope to plan an adequate street system unless some limit is placed on the height and character of the buildings that the street system is to serve.

A street and block system that is best suited to a residence section may be entirely unsuited to the needs of a commercial or industrial section. Certain types of industries are best served by large block units and broad streets. Certain residential sections are best served by shallow blocks and comparatively narrow streets. Without a plan of building control that will segregate the industrial from the residential sections, it is impossible to plan a street and block system that will be suited to the requirements of the various sections and to the uses that it is intended to serve. New York City has suffered serious economic and social loss because its street and block system, built up on a distressingly standardized plan, has not been adapted to the particular requirements of certain types of industrial, business and residential use. With the existing uncontrolled and haphazard building development a uniform street and block system was the only one that the city could properly adopt.

Nelson P. Lewis, Chief Engineer of the Board of Estimate, and a leading expert on municipal engineering and city planning, testified to the need of the segregation of industrial districts from the point of view of improved traffic conditions, a convenient street layout and economic advantage. He said: "This city has suffered tremendous losses by the inflexibility of its street system, which, instead of controlling a subdivision, has been controlled by the habit of creating lots one hundred feet deep lying between streets two hundred feet apart, and great enterprises, a number of which were formerly located in the Erie Basin section of Brooklyn, finding themselves hemmed in by rigid street systems to which more or less sanctity was attributed, have been obliged to find new sites on the New Jersey meadows. One conspicuous instance of this is the Worthington Pump Works."

The city's park system is valued at $673,000,000. Large additions to this system will be needed to provide for the requirements of Brooklyn, Queens and Richmond. Unless a park system can be located with reference to the particular residential sections that it is intended to serve its value is greatly impaired. Various small parks and parkways have been located in what have now become factory sections. A comprehensive plan of building control would have made it possible to have so located these parks that their contribution to the public health, comfort and welfare would have been vastly greater.

The adequacy of the city's future sewerage system is also in large measure dependent on the adoption of a plan of building segregation and height limitation. The city recognizes that in order to prevent intolerable pollution of the waters of the harbor it must adopt plans for sewage treatment. Segregation of factories will facilitate the problem of sewage treatment by making it possible to confine the special facilities required for the treatment of certain trade wastes to certain factory districts. While the height of buildings has comparatively little effect on the adequacy of a combined system of sewerage, storm water and sanitary, it is of the very greatest importance where a separate sanitary system is used. Manhattan is undertaking in large measure a reconstruction of its sewerage system and in view of the necessity for the early adoption of sewage treatment, will reconstruct its sewers on the separate system. The other boroughs, for the same reason, will probably adopt in large measure the separate system. Amos L. Schaeffer, Consulting Engineer, Borough of Manhattan, an expert on sewers, testified that the adoption of the Commission's plan of building control will be of great assistance in planning the future sewerage system of the city.

The city is spending an enormous amount of money to extend and improve its rapid transit facilities. This expense was undertaken largely for the purpose of preventing the present indecent, unsafe and unsanitary congestion on the transit lines and for preventing the further congestion of population. New lines were needed, but they alone will be wholly ineffective in preventing the continuance and increase of intolerable congestion during the rush hours on all the rapid transit lines—the new as well as the old. This rush hour congestion problem is the inevitable result of centering all business and industry between the Battery and 59th Street. If everyone must come to Manhattan to work it will be quite impossible to provide adequate transit facilities during the rush hours. The remedy lies in creating of numerous other business and industrial centres and checking the extension of the Manhattan areas devoted to business and industry, especially the latter, combined also with a limitation on the intensity of building development in such areas. This corrective the Districting plan is designed to furnish. Daniel L. Turner, Deputy Engineer of Subway Construction of the Public Service Commission, a leading expert on city passenger transportation, has testified to the absolute necessity of adopting such a plan for the purposes above mentioned. Mr. Turner said: "Unless a very careful housing and districting regulation, such as you are trying to carry out here is adopted, it will be absolutely impossible for the city to cope with its municipal transportation problem. These two problems have got to be taken together. They are absolutely related to each other. We can provide facilities up to a maximum of the street capacity, but we are rapidly coming to the actual capacity of the streets, so that the housing ought to be so controlled and the manufacturing sites and the working sites, with a view to having the population distributed over the whole area and in that way develop a two-way business on all lines to the very utmost."

With increasing population and attendant congestion it becomes more and more important and difficult to guard the public health. A districting plan to the extent that it reduces congestion and attendant close personal contact on the transit lines and on stairs and elevators, will prevent the transmission of communicable disease. Dr. Haven Emerson, Commissioner of Health, testified to the menace of the rush hour congestion and the importance to public health of the proposed districting plan, as follows: "Anotner point in which health authorities foresee benefit to public health by a consistent plan for the control of the future growth of the city is in the improved conditions of occupancy of traffic conveyances. It is appreciated and acknowledged that the more congested is a traffic conveyance the more dangerous does it become as a means of transmitting communicable disease to others, and there is a constant proportionate increase in infectious organisms found in the air of traffic conveyances as their congestion increases. Observations made in the subway from the Atlantic Avenue station to 96th Street and back through the subway during the rush hours have shown a constant increase of the disease breeding organisms which were responsible for the epidemic of infectious colds during last December and along to February. Observations show the presence of those in such amounts as to constitute a serious public menace. The epidemic cost the city two thousand lives over and above the usual death rate as it prevailed a year ago and for the previous five years. Those deaths were due to organisms which were found constantly in the variant conditions of the air in the subway cars, which has been examined in our laboratory."

The importance of the districting plan to the public health as related to provision of light and air is immediate and undoubted. Adequate natural light and air are admitted to be fundamental in health regulation. Much of the entire districting plan is based on the desire to secure for the public as wholesome conditions with regard to provision of light and air as are compatible with the necessary and reasonable utilization of the land. Only through a comprehensive plan for the districting of the city is it possible to apply adequate and effective standards of light and air in the interest of the public health. This is confirmed by the testimony of Dr. Emerson, who says: "I would say that the opinions of sanitary physicians have been expressed in reports which are almost identically worded, dating back at least one hundred years, with exactly the same conclusions and recommendations which might be considered parallel with those now arrived at by this Commission; also that the report of 1832 and previous ones of citizens' committees on conditions of health in this city indicate the necessity of providing for the future. These recommendations were made when the development of New York City had not reached 14th Street. We are still without the necessary relief, which nothing but this plan of yours can provide."

Sunlight destroys disease breeding bacteria. Artificial light as ordinarily used has virtually no effect upon bacteria. This sanitary effect of sunlight is sufficient reason for its requirement in liberal amount wherever people live and work. Natural light also has undoubted superiority from the standpoint of general health and efficiency of the workers. The use of artificial light results in an increase of eye-strain and reduced physical resistance to disease. Good air conditions are usually possible where there is good natural light; poor ventilation is a usual accompaniment of the dark room. This is borne out by Dr. Emerson in his testimony before the Commission: "Is it proved that with sunlight in the living room and the sleeping room, we would materially aid in providing resistance against diseases like tuberculosis. The sun has a destructive effect upon disease-breeding bacteria. Direct sunlight is a most effective disinfectant. Direct daylight—even though not direct sunlight—has a powerful influence in destroying pathogenic bacteria which cause infectious diseases. In addition to that, people who are able to live in well lighted apartments have a physical resistance which is superior to that of people who live in dark rooms. That has been proved under exact experimental conditions in laboratory tests, and is a matter of common observation among human beings."

In the same connection Dr. Emerson said: "Diminished resistance of humans as with vegetable plants, depends upon the artificiality of their environment. You cannot raise babies without light and air any more than you can raise plants, and where you cannot prove that a disease has followed congestion, you can almost always show the possibility of diminished resistance."

Health is sometimes regarded as merely the absence of disease, but, as has been pointed out by George C. Whipple, Professor of Sanitary Engineering, Harvard University, in a memorandum submitted to the Commission, that is not a complete conception of health. "Health is more than the absence of disease. It is something positive, and involves physique and vitality and it is mental as well as physical. The inherent difficulty at the present time is the absence of scientific methods of measuring this positive element in health. Yet the world knows as a matter of human experience that it is real and vital. The expression 'health and comfort of the people' is centuries old, and these two ideas are inseparable." Health as a positive concept, denoting physical and mental well-being, will be promoted in many ways by the districting plan. The public health is the sum total of the health of the constituent individuals. Well ordered city development cannot fail to have a marked effect on the physical fitness and vitality of the city's inhabitants.

Dr. Gustav F. Boehme, Jr., neurologist, testified to the rapid increase in nervous disorders and troubles and to the very direct relation between such increase and the present high buildings and haphazard development and the congestion, noise and confusion incident thereto. The necessity for reducing the stress and strain of city life is becoming more and more apparent. This is essential if the city is to be a place in which our heritage of health and vitality is to be used, conserved and handed down to succeeding generations instead of being abused and exhausted.

Congestion of traffic and population and haphazard building make the city's fire fighting problem increasingly serious. It becomes increasingly difficult to move fire apparatus through the congested streets. Streets densely packed with crowds of people that quickly form wherever a fire occurs, interfere with prompt service after the scene of the fire is reached. If a serious fire should break out in lower Manhattan coincident with an explosion or earthquake shock that would cause a general panic and outpouring into the streets, it might be utterly impossible for the firemen to reach the fire and a terrible conflagration might result. This is the plain truth, and it is foolhardy to utterly ignore it and go on piling up buildings and further extending the danger zone. The districting plan, will, as to future growth, tend to spread out business and industry both by limiting the height of buildings and by encouraging the development of commercial and industrial areas in the other boroughs. In this connection, John Kenlon, Chief of the Fire Department, said in his testimony before the Commission: "In the thirty years that I have been connected with the Fire Department, lower Manhattan has changed from a five-story city to a twenty-five story city. There is great congestion there at the present time; during the day time it is difficult to move apparatus in response to fire calls, in the lower end of Manhattan Island. Increased congestion of people and traffic in this section will cause very serious delays in getting apparatus to work around the scene of a fire. Even at present it is very difficult until the police reserves arrive and establish fire lines at a safe distance from the scene of the fire. The same condition prevails in the up-town section from 23rd Street to 45th Street, particularly at certain hours. The men who laid out the old part of the city 250 years ago had very little conception of the conditions that obtain to-day. These gentlemen could not possibly see the great ten-ton and fifteen-ton motor trucks running around on our streets. Downtown to-day it is almost impossible to get through the streets; in ten years from now horses will be a very rare sight on the streets of New York. The small buggy has been superseded by the Packard, which takes four times the space. The streets are too narrow in the lower part of Manhattan to take care of the traffic. It is a serious matter, it requires a great deal of experience, a good head and strong arm to drive fire apparatus through the streets of lower Manhattan. Any plan that will in a measure prevent the increase of congestion in the central portions of the city is a plan in the right direction."

The segregation of residential, business and industrial buildings will also make it easier to provide the fire apparatus in each section suitable for the character and intensity of development in that section. It will make it easier to provide proper safeguards against fire. It will increase the safety and security of the homes of the people. These facts were testified to by Chief Kenlon of the Fire Department and by Edward R. Hardy, Assistant Manager, New York Fire Insurance Exchange.

Segregation as to use and limitation of height are also essential to the prevention of street accidents. The injury to life and limb from street accidents is enormous and is constantly increasing. In 1915 there were 18,139 vehicular accidents in the streets of New York City. Of these, 608 proved fatal. An orderly plan of building development will reduce such conditions. Street accidents and street congestion are directly related. In so far as the districting plan will tend to reduce congestion, it will reduce street accidents. There is also a direct relation between the number

of different kinds of traffic using the same street, with its resulting confusion, and the number of street accidents. The segregation of uses with its resultant segregation of kinds of traffic will have a direct tendency to reduce street accidents. In the residential sections the number of accidents to children while playing in the streets is very large. By preventing stores, garages and factories from locating on the residence streets, the vehicular traffic on such streets is reducted, and as a direct result the number of accidents to children. Of the persons killed by being struck by vehicles in 1915, over half were children.

Ernest P. Goodrich, consulting engineer and city planning expert, testified to the importance of the proposed plan in effecting a segregation of kinds of traffic and thus reducing the street accidents. Edmund Dwight, resident manager of the Employers Liability and Assurance Corporation of London, stated his experience as follows: "My experience has indicated that accidents increase as congestion increases, and any plan which will reduce congestion of population in buildings or in areas of the city, will reduce the number of accidents. The proposed limitation of heights of buildings will reduce congestion in elevators, which is one of the prolific causes of elevator accidents. Elevator accidents are due in far larger proportion to crowding and to carelessness on the part of passengers and to unskillful handling, which is itself frequently caused by crowded cars, than to defects in mechanical appliances. The number of street accidents also, in large measure, follow increase in density of population, and it is strikingly the case that the proximity of maunfacturing operations to crowded residential districts constitutes a peril, because heavy trucking, express and similar uses, has to be conducted through streets which are crowded with children. "There is no question in my mind that limitation of building heights and districting for classes of use, so that manufacturing operations would be carried on in zones, with a minimum residential use, would each tend, in large measure, to the reduction of accidents and to the safety, as well as to the health of the people of New York."

Heretofore we have attacked the problems of public health and safety as related to building development in a piecemeal way. Special regulations have from time to time then provided with relation to tenement houses, factories, garages, theatres and other classes of buildings. Such regulations are often rendered wholly or partially ineffective by failure to control the environment of the building. The Tenement House Law provides for minimum size yards and outer courts, which really depend for their adequacy on their being supplemented by similar yards and courts on adjoining lots. If, however, a towering loft building or warehouse is built next to a tenement, the standards of light and air aimed at in the Tenement House Law are impaired. The districting plan makes it possible to provide suitable and reasonable regulations for each class of buildings and at the same time preserve the advantage of substantially uniform regulation as to building height and yard depth for all structures within the block.

Every city becomes divided into more or less clearly defined districts of different occupation, use and type of building construction. We have the central office and financial district, loft districts, waterfront and industrial districts, retail business districts, apartment house and hotel districts, tenement house districts, private dwelling districts. Generally speaking, a building is appropriately located when it is in a section surrounded by buildings of similar type and use. Strong social and economic forces work toward a natural segregation of buildings according to type and use. In general, the maximum land values and the maximum rentals are obtained where this segregation and uniformity are most complete. One purpose of districting regulations is to strengthen and supplement the natural trend toward segregation.

In spite of the natural trend toward segregation, building development in many parts of the city is haphazard. The natural trend toward segregation and uniformity is not strong enough to prevent the sporadic invasion of a district by harmful or inappropriate buildings or uses. Once a district has been thus invaded, rents and property values decline, loans are called and it is difficult ever to reclaim the district to its more appropriate use. Individual property owners are helpless to prevent the depreciation of their property. The districting plan will do for the individual owners what they cannot do for themselves—set up uniform restrictions that will protect each against his neighbor and thus be of benefit to all.

While in New York City economic forces tend to the segregation of industries of the heavier type along the water and rail terminals, and to the segregation of certain light industries, near the wholesale, retail, hotel and passenger terminal center in Manhattan, there are many kinds of light industry that are free from any segregating force and locate indiscriminately throughout the city. They are found scattered throughout the business and residential sections, especially the residential sections from which their labor supply is recruited. The factory is usually a blight within a residential section. It destroys the comfort, quiet and convenience of home life. There is nothing more vital to the city than the housing of its people. The exclusion of trade and industries from the residential streets is essential to wholesome and comfortable housing. Stores, garages and other business buildings scattered among the residences are a constant menace to residence property. The concentration of all the neighborhood business buildings on the business streets makes the transaction of business more convenient. The segregation of dwellings on the exclusively residential streets adds to the convenience, quiet and amenities of home life, and thus tends to increase property values on such streets.

In New York City the purely private injury incident to haphazard development has become so serious and widespread as to constitute a great public calamity. Through haphazard construction and invasion by inappropriate uses the capital values of large areas have been greatly impaired. This destruction of capital value, not only in the central commercial and industrial section of Manhattan, but also throughout the residential sections of the five boroughs, has reached huge proportions. It does not stop with the owners in the areas immediately affected, but is reflected in depressed values throughout the city. Market value for investment purposes is always affected by the hazard of the business. Economic depreciation due to unregulated construction and invasion by inappropriate uses has become a hazard that must be considered by every investor in real estate. This extra hazard increases the net earning basis required to induce investment and consequently lessens capital values throughout the city. Whatever the capitalized amount that may be properly charged to the economic depreciation hazard, it is certainly a huge burden and one that affects not only the individual owners of real estate throughout the city but the savings and other large landing institutions, the municipal finances and the general welfare and prosperity of the whole city.

There is an intimate and necessary relation between conservation of property values as here proposed and the conservation of public health, safety and general welfare. Throughout a city the areas in which values have been depressed by the invasion of inappropriate uses or lack of building control as to height, courts and open spaces, are the areas in which the worst conditions as to sanitation and safety prevail and where there is the greatest violation of the things essential to public comfort, convenience and order. The decline in property value in such districts is merely an economic index of the disregard of essential standards of public health, safety and convenience in building development. Moreover, a depressed district of changing occupancy is almost always a district in which unwholesome home and work conditions prevail. The old building altered to suit a new use is usually very faulty in light, air and sanitation. Declining values make it difficult or impossible to enforce proper standards. These depressed districts create the most difficult and perplexing problems in the establishment and administration of housing and factory regulations.

Moreover the enormous losses sustained by owners of loft and tenement property will be a serious handicap to the provision of future buildings to house the increasing population and the rapidly expanding industrial development. This may become a very serious matter from the point of view of cheap and adequate housing and safe and convenient factory space.

With some eight billions already invested in New York City real estate and the certainty of added billions in the coming years, a plan of city building that will tend to conserve and protect property values becomes of vital importance not only to individual owners but to the community as a whole. Why not protect the areas as yet unspoiled and insure that the hundreds of millions that will be spent in the improvement of real estate in the coming years shall contribute to the solid and permanent upbuilding of this great city. Permanence and stability can be secured only by a far-sighted building plan that will harmonize the private interests of owners and the health, safety and convenience of the public.

Chapter III—Use Districts.

The Districting resolution herewith submitted, together with the accompanying Use District maps, provide for four classes of use districts: (1) Residence, (2) Business, (3) Unrestricted, (4) Undetermined. The proposed regulations apply only to future buildings and do not interfere with any existing structure or occupancy.

In a residence district all kinds of business and industry are excluded. Dwellings, private clubs and most institutional buildings are permitted. The term "dwelling" includes an apartment house, tenement house, boarding house, or a hotel having thirty or more sleeping rooms. The usual accessory buildings, such as private garages, are permitted, but they must be located on the same plot with the building to which they serve as accessory. A private garage for more than five motor vehicles would, however, be excluded. A private club that has as its chief activity a service customarily carried on as a business, such as a garage, would be excluded. While the regulations are not intended to interfere with a doctor or dentist who practices his profession in the usual inconspicuous way in his private dwelling, they would exclude any business such as a store in connection with a tenement, club or hotel. It is provided, however, that the superintendent of buildings may after notice and hearing and with appropriate conditions and safeguards, permit in a residence district any building or use in keeping with its use for residence purposes.

In a business district, residence and business uses are permitted but industrial uses are either prohibited entirely or limited in the percentage of floor space they may occupy. A list of specified industries and uses of a clearly objectionable character are entirely excluded, as are also all other uses that are noxious or offensive by reason of the omission of noise, odor, dust, smoke or gas. No building may be used for factory purposes in excess of 25 per cent. of the total floor space of the building, but a space at least equal to the ground area of the building or lot may be so used. The term "factory" is defined as a building or portion of a building in which six or more persons are employed in any process or part process of transforming or converting raw material, partly wrought material or imperfect material into forms suitable for use. This limited provision for factory use in a business district is appropriate both on account of the considerable percentage of factory use required in connection with the retail trades and on account of the numerous customary small trades and factory uses that are necessary or desirable for the convenience of the neighborhood and, if limited in size, are not objectionable from the point of view either of the business use of the street or of the residential use of the adjacent areas.

A garage for five or more motor vehicles will be excluded from a business district except that with the approval of the building superintendent and after notice and hearing, a garage may be erected in a business district on any portion of a street between two intersecting streets on which there exists a public garage at the time of the passage of the proposed resolution. A similar regulation is provided in regard to stables. In the tentative report is was proposed to permit public garages and stables in any business district, but the nuisance features incident to the indiscriminate location of garages throughout the business districts were so great that the Commission reconsidered its former action. In providing that garages shall in general be forced to go to the unrestricted districts, the Commission has increased the number of small unrestricted sections within convenient access of the local residence and business centers.

The terms "Unrestricted district" and "Undetermined district" are used to designate the areas for which no restrictions or regulations as to use are provided. It is assumed that the development in the unrestricted districts will be largely industrial. In the undetermined districts either a residential, business or industrial use may prove the more appropriate, depending largely on future port and terminal developments. The undetermined districts differ from most of the other unrestricted areas, chiefly in that it is anticipated that when their appropriate use is more fully disclosed it may seem wise to restrict them in part to business or residence use. The aim has been to give the greatest possible freedom of action and to avoid restrictions that may possibly hinder future growth and development. While it is realized that this can only be partially successful and that any regulations now imposed will have to be changed from time to time, it seems important that they shall be so designed as to secure as high a degree of permanence as is at present practicable.

In general the salt marshes along and running back from the waterfront have been included in the unrestricted district. Industry very naturally pre-empts such localities both on account of comparative cost of the land and the possibility of good water and rail terminal facilities. In addition, all other navigable waterfront, where the grades and location are favorable to a commercial or industrial development, is left unrestricted. The unrestricted area is allowed to extend back from the bulkhead line 1,000 feet or more, depending largely on the slope of the land. In many cases the boundary line of the waterfront unrestricted district follows quite closely the 20-foot contour line. This seems to be about the normal level to which industry will extend back from the water.

An examination of the historical maps prepared by the Commission showing industrial development at various periods during the past sixty years in Manhattan and Brooklyn shows surprisingly little change in the breadth of the industrial belts extending back from the waterfronts. There has doubtless been a great deal of change in the character of the industries located in a particular section. The tendency has been for the heavier, bulkier types of industries requiring large plots to move from Manhattan. They have been replaced by a much larger number of industries requiring less ground area per industry without greatly changing the aggregate requirement for ground area.

The segregation of factories will directly reduce production costs. It will make it possible to have the best rail and water terminal facilities and the best express and mail facilities. It will reduce trucking and thus improve street traffic conditions. It will tend to the segregation of heavy trucking from other classes of street traffic and thus further tend toward the improvement of street traffic conditions.

Furthermore, the segregation of factories along the rail and water terminals and their consequent exclusion from the residence sections will improve living conditions throughout the city. A factory is usually a nuisance in a residence section. It is often directly injurious by reason of noise, odor, dust or smoke. It always brings heavy trucking with attendant noise and danger to the safety of the children, especially in crowded tenement districts. It often subjects the neighboring residents and property owners to increased risk from fire and explosion.

The problem of congestion of population is closely related to the location of trades and industries. Employees working long hours at low wages can afford neither the time nor the money to live far from their work. It has been shown that a very large proportion of such employees will live within walking distance of their work, even though this necessitates their living in the most congested and unwholesome quarters. While the proposed plan for residential and industrial districts will not cure existing conditions it will help to prevent an extension of such conditions. This is insured by providing adequate housing areas adjacent to the factory areas and preventing for the future the encroachment by the factories on areas required for housing.

While economic forces are quite effective in securing the segregation of industries of the heavier type close to the water and rail terminals, there are in New York City an unusually large proportion of industries that are not subject to this segregating influence. New York City is preeminent as a light manufacturing center. Of the 680,510 persons employed in industries in New York City in 1909, 422,769 were employed in the following light industries:

Artificial flowers, feathers and plumes	9,759
Boots and shoes	9,177
Boxes	9,414
Bread and bakery products	20,401
Buttons	3,635
Clothing, men's	77,543
Clothing, women's	110,567
Confectionery	7,641
Fancy articles	3,649
Fur goods	10,719
Furnishing goods, men's	8,051
Hair work	2,704
Hats and caps	5,815
Hosiery and knit goods	6,082
Jewelry	6,668
Millinery and lace goods	24,712
Patent medicines	5,450
Printing and publishing	74,118
Tobacco	26,664
	422,769

The above enumeration includes only the larger groups that may be classed as distinctly light manufacturing. Fully two-thirds of the industrial employees of the city are employed in industries that do not find direct connection with water and rail terminals a necessarily determining factor in the selection of a factory location. For these industries the questions of labor supply and market for goods are

much more important. The New York Metropolitan District with a population of over 7,500,000 is itself the largest consumer of the output of its factories. Moreover, Manhattan is the great jobbing center for the entire country and this gives its manufacturers special advantages in the marketing of their goods. In addition the city has the largest and most varied labor supply. Being the principal port of entry for immigrants it has an unlimited supply of the cheaper class of labor from which the employees of the clothing trades and various other light industries are recruited.

These light industries are scattered indiscriminately over the entire city throughout the business and residential sections. One good residence section after another has been progressively invaded and destroyed by the coming of the sporadic factory. This the proposed plan will prevent.

The great manufacturing section of Manhattan is not as one might presuppose, along the waterfronts of the North and East Rivers, but lies in a narrow belt through the center of the Island from Canal Street to about 38th Street. The northward progress of the factory zone during the past sixteen years above 14th Street has been attended by tragic consequences. The city's chief hotel and retail center was invaded and substantially destroyed. It was compelled to move north to 34th Street and is now again in danger of destruction. The simple fact is that under New York City conditions, with high loft buildings and congested streets, the chief hotel, club, theater and shopping center cannot exist in close proximity to the factories. In the side streets along the lower portion of Fifth Avenue the number of employees is so great that the surrounding streets are necessarily congested with pedestrians during the hours when the workers are going to or returning from work. At the noon hour when the workers come out from the factories for a stroll along Fifth Avenue they monopolize the sidewalks to the exclusion or serious inconvenience of those having business on the avenue. An intensive factory use on the side streets is fatal to the business use of the avenue. The sidewalk space is needed by the workmen and the roadway space is needed for the trucking incident to factory use. On the other hand, all the available roadway and sidewalk space would be unduly congested if reserved solely for business use. Two bodies cannot occupy the same space at the same time and even if there were more space available it would be difficult to harmonize an intensive use of roadways and sidewalks for two such widely different purposes.

Traffic conditions are the crux of the situation. It is vital to the existence of the city that it maintain such conditions of street traffic that the city's chief hotel, club, theater and shopping center may permanently be maintained in the sole location that is suited for it. The plan proposed will protect the entire Fifth Avenue and Broadway section south as far as 23rd Street and between Fourth Avenue and Sixth Avenue.

The exclusion of future factory lofts from the above section will also result to the economic advantage of the manufacturing industries concerned, to the welfare of the workers and to the relief of the city's congested transit facilities. The factories will be located on cheaper ground, nearer to rail and water terminals and nearer to an adequate labor supply. They can, if they find it desirable, maintain salesrooms in the restricted district. The workmen will be able in greater proportion to live within walking distance of their work. This will be a boon to the workers who walk, in that it will save them car fare and the necessity of spending about an hour and a quarter a day on the cars under conditions of overcrowding that are a menace to health, comfort and safety. And just to the extent that they do this will this condition of congestion be relieved for those who will still have to ride on transit lines during the rush hours.

Retail business naturally tends to segregate. The grouping of a few of the neighborhood stores and business buildings on the main avenue or thoroughfare creates the center that attracts other stores and makes that particular street the most desirable place in which to do business. In spite of this strong trend toward segregation, unless prevented by law, the occasional store will come into the midst of a residential community, to the detriment both of the residential section and of the natural local business street.

In residential neighborhoods the plan has been to preserve the side streets wherever possible for strictly residential use. The avenues along the ends of the block and main thoroughfares have usually been included in the business districts. The business use on the avenue is permitted to extend 100 feet back along the residential side streets. In the less developed sections it has often seemed feasible to indicate only every second or third avenue for business use and thus secure a larger and more self-contained residential area. This it is believed will improve living conditions and will conserve values on both the business and residence streets.

The amount of space needed for retail business purposes depends a good deal on the economic condition and habits of the population. Generally speaking, the smaller the average income per family the larger the proportion that will be spent in the purely local stores. In the case of the very poor, practically the entire income is spent in the local stores. On the other hand, the well-to-do make a very large proportion of their purchases outside of the local area. The local retail section of a well-to-do neighborhood may be confined to a very limited variety of shops. Consequently, a tenement section requires a much larger allowance of retail business space than an elevator apartment section. It is believed, however, that, even in the most crowded tenement sections, if business had been confined to the avenues along the ends of the blocks, sufficient business space would have been provided and living conditions in the side residential streets would have been very greatly improved. In an elevator apartment section a business street every second or third avenue is ample.

The protection of the home environment is vital to the welfare of the state. It needs no argument to demonstrate that a business or industrial street does not furnish the most favorable environment for a home.

Quiet is a prime requisite. The zone plan, by keeping business and industrial buildings out of the residential streets will decrease the street traffic in the residential sections and thus reduce to a minimum noise incident to street traffic. Aside from the increased vehicular traffic, the business and industrial uses disturb the quiet and peace of the residential street by the crowds of employees and others incident to a business or industrial use. The above evils are present, even though the business or industry is in itself entirely unobjectionable from the standpoint of noise. Dr. Gustav F. Boehme testified that business and industrial uses on a residential street and the noise and confusion incident thereto made such streets much less healthful and desirable for residence purposes. He said that such conditions tended to produce and intensify all kinds of nervous disorders.

The efficient cleaning of the streets and the collection of refuse are of great importance to the health and welfare of the city. The segregation of uses will make it possible to adopt more efficient and economical methods for each particular street or section. It is recognized that for sanitary reasons a residential street should be kept cleaner than a business or industrial street. If, however, there is a mixed occupancy, residential, business and industrial, the traffic, trade wastes and litter incident to business and industrial use may make it physically or economically impossible to keep the street in the good sanitary condition demanded for residential use. John T. Fetherston, Commissioner of Street Cleaning, testified on this point as follows:

> "It is well known that, where different public conditions exist in any particular locality, it is impossible to adopt a single uniform system for cleaning streets, as well as collecting refuse in that locality. On the other hand, where the district is of a mixed type, involving industry, manufacturing, as well as a residential section, it is not possible to plan the most economical system of street cleaning and refuse collection, because conditions will differ in various parts of such intermixed districts. I would say, in general, that the development of the zone system, involving an orderly development of building zones, should ultimately tend to economy in the cleaning of streets and in the collection of refuse, as well as providing a plan and a system which will meet particular conditions of each district or section dependent upon the uses to which the section or district is put. The demand for sanitation varies with the type of building occupants. A residential street requires at least a higher standard of street conditions than would a business or a mixed type of street, and a great many complaints come to the Street Cleaning Department from streets where mixed business and residential occupancy is in force. If stores could be segregated, plans in that connection could be adapted to that particular type of street, whereas, if conditions are mixed, you can only compromise.
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> "There is another phase to that, too, that, besides, in the residential and store districts, and in the heavy traffic districts, there are some streets in lower Manhattan, where it is hardly possible to clean the streets during the day time, on account of the procession of vehicles which prevents the cleaners from collecting the street dirt. On that type of street the same sanitary conditions cannot be maintained as would be required in a residential street. In that respect traffic conditions in a residential locality also adversely affect the street, because there may be a residential street which connects with a traffic street, and it is not possible to keep that residential street in as good a condition as other similar streets in the same locality, because the men cannot work advantageously while traffic occupies the street. Even in the case of mixed occupancy of a particular block, residence, business and factory use, the factories and business places in that particular block tend to bring heavy traffic into the block and make it difficult to keep it in the best sanitary condition."

In a residential street the number of street accidents, chiefly to children, varies directly with the vehicular traffic. Stores, garages, factories and other business buildings increase the amount of vehicular traffic. Most side streets that have no business or industrial buildings have little traffic. Very often a single business building in the midst of a residential block will so increase traffic as to greatly increase the number of street accidents. This will be particularly true, if it is a congested tenement district. Here the streets swarm with children. They must have some place to play and, unfortunately, there is no place but the street. A very large proportion of street accidents occur to children while playing in the streets in front of their homes. The zone plan will, as to the future, segregate the business and industrial buildings from the residential streets, and thus tend to reduce the enormous toll of street accidents.

In the crowded tenement districts having stores on the ground floor, the roadways are congested with vehicular traffic and push carts and the sidewalks with business encroachments and pedestrians. There is absolutely no place for the child to exercise natural play instincts. Play is as necessary to the child as food and clothing. It is this thwarting of the boy's craving for play that leads to a large proportion of the juvenile delinquency cases that come before the children's courts. Ernest M. Coulter, for ten years clerk of the Children's Court, testified he had found by investigation that this thwarting of the play instinct was responsible for at least forty per cent. of the delinquency cases. While the population of the city is largely recruited from the country, the city's criminal population is largely bred right within its own congested centers.

The moral influences surrounding the homes are of the greatest importance. The sordid atmosphere of the ordinary business street is not a favorable environment in which to rear children. Immediate and continual proximity to the moving picture show, dance hall, pool room, cigar store, saloon, candy store and other institutions for the creation and satisfaction of appetites and habits, is not good for the moral development of the child. Influences and temptations resulting from the proximity of such business to the homes may affect seriously the morals of the youth of the community. Under such conditions it is difficult to cultivate the ideals of life that are essential to the preservation of our civilization.

Rowland Haynes, an expert on recreation facilities and Secretary of the Committee on Recreation of the Board of Estimate, testified to the practical impossibility of providing enough playgrounds for the children in the crowded tenement sections and to the relief to this situation that the districting plan will afford by creating residential districts from which business and industry will be excluded and which can, therefore, be used as temporary play spaces. Mr. Haynes said: "The advantage to the whole recreation problem lies in having reserved residence streets. By having streets reserved for residence purposes, it is going to be possible, since the delivery traffic in such streets will be comparatively light, to use some of them for temporary play places, as was done by the Police Department in about 25 locations last summer. The only thing I wish to emphasize is the urgency and importance of such possibilities which are opened up by the action of your Commission.

In the first place, we have to realize that, through some studies which we have previously made, we have found that wherever the density of population exceeds 37½ per acre, about 80 per cent., in fact, somewhat over 80 per cent., of the children have to play away from home, either because there is no place in their own back yards or because that space is so small that they have no chance to play any of the larger space games. Out of the 54 wards in Manhattan and Brooklyn, all but seven exceed that density. If we take the city as a whole, including all of the boroughs, we find that 84 per cent. of the population of New York lives in districts where the density exceeds this figure of 37.5 per acre. Some neighborhoods in New York go up to 18 times that density. If we take 84 per cent. of the whole number of children in this city between 5 and 15 years of age as the number living in these more densely populated districts, and if we then take 80 per cent. of this 84 per cent. as the number who will have to play away from home, we find about 680,000 children in New York City who have got to play away from home. The average daily attendance last summer at all the playgrounds in New York City was less than one-third of 680,000. This includes the average daily attendance at park playgrounds, school playgrounds and playgrounds conducted by settlements and other philanthropic agencies. In other words, all the public and private agencies which we now have are reaching only about one-third of the child population who must play away from home. Seventy-five per cent. of these playgrounds close after the summer season. This means that larger opporunities for play are urgently needed. To purchase enough additional places to reach the remaining two-thirds of the children who must play away from home would bankrupt the city. Hence we must use more intensively the land that the city already owns. Hence the method which was introduced last summer by the Police Commissioner of using streets reserved for play for certain hours in the day in certain districts, it seems to me, must for some time to come be extended. My only purpose in accepting the invitation of your Commission to speak thus briefly is to point out that, while this plan of use districts is worked out for a different purpose, it is going to be of very genuine and fundamental value to conditions which we don't like but which we have got to face in the playground and recreation situation here in New York.

The restricting of residential streets against factories and against stores and against public garages make those streets better for play use, first, because it reduces the amount of traffic into those streets. It makes the traffic into those streets simply delivery traffic for household necessities, which is much less than any through traffic or traffic to garages, or delivery traffic to and from stores. It reduces the amount of traffic and thus makes the burden of reserving a street for play purposes much less. In the second place, it makes possible the reservation for play purposes of residence streets which are near those on which the children are living. In short, it makes possible the reservation of play streets without burden to traffic and near where they are needed.

Fire insurance rates recognize the distinctly greater risk of the tenement with stores on the ground floor as compared with the tenement without stores. Increased fire risk for the tenement with stores must necessarily mean increased fire risk for all neighboring buildings. The menace to neighboring residential buildings in the case of an ordinary store is multiplied in the case of a theater, garage, warehouse or factory. Even where, in the case of a tenement with a store on the ground floor, the firemen succeed in preventing the fire from spreading to the tenements above, it may cause serious loss of life from smoke or panic. Chief Kenlon testified to the desirability from the standpoint of fire prevention and safety of providing for the establishment of residence districts from which stores would be excluded. Edward R. Hardy, Assistant Manager, New York Fire Insurance Exchange, produced statistics and evidence of the increased fire risk to tenements having stores on the ground floor. Mr. Hardy said:

> "The rate of insurance in a store and dwelling building reflect greater insurance risks. The ordinary private dwelling, now accepted as a building occupied by not more than two families, if it changes its character so that the first floor or basement is occupied for a store, with one family above, the insurance rate is about twice as much as when it was occupied wholly for dwelling purposes. This is due to the fact that the store brings always an unknown quantity of waste material, poor protection to stoves, gas lights, care of ashes and ordinary accumulations. The risk is about two to one. Even if special precautions are provided to prevent the spread of fire from the business building to the tenement above, there is great danger, especially on the ground of safety to the occupants of the tenement. The proposition frequently advanced that the first floor is so protected that there shall be no communication when there is a store in the basement with the floors above, overlooks the fact that in a fire the smoke will always seek any exit available. It will ascend naturally if there is a way. If not, it will pour out of the doors and windows and follow up the side of the building and enter the living floors in that way. Some of the most serious panics have been due, not to fire, but purely to the smoke condition."

That the invasion of the residential district by trade and industry is generally

recognized as a serious evil by the residents themselves has been conclusively demonstrated by experience. With the coming of trade and industry, those residents who can afford to do so leave the street, rents fall and the lending institutions call their loans. The combination of reduced rents and higher interest rates leads to many foreclosures and places most owners in such a precarious financial position that they are unable to make needed repairs and improvements. It becomes difficult or impossible for the city authorities to enforce even minimum standards of public health and safety.

CHAPTER IV—APPROPRIATE INTENSITY OF THE USE OF LAND.

For city building it is not alone necessary that there shall be a plan that will segregate buildings according to use but it is also necessary that there shall be a segregation according to intensity of building development. This is essential in order to secure to each section of the city as much light, air, safety from fire and relief from congestion, with all its attendant evils, as is consistent with the most beneficial use of the land. Intensity of use should be so regulated that, assuming that the entire section should be built up uniformly with buildings of the maximum height and extent allowed, the section as a whole would be appropriately improved.

The maximum beneficial use of any given block or area is dependent on a certain measure of uniformity in its development as regards height, yards and open spaces. Such use would, in general, be enhanced if the property owners could enter into an agreement uniformly restricting the height of buildings and fixing the minimum area of courts and yards. The size of courts and yards is in most cases of as much benefit to a man's neighbors as to himself. It is therefore appropriate that each should contribute in substantial equality to the common stock of light and air. There can be no maintenance of healthful conditions of light and air and no stability of values if each individual owner is at liberty to build to any height and over any proportion of his lot without regard to his appropriate and reasonable contribution to the light and air of the block.

The speculative builder puts up the first high building in a block. The windows are on property lines or on narrow courts. Perhaps a five-foot rear yard is provided. But with all the free space on the adjacent lots the building is light and airy, is attractive to tenants and shows a good return to the purchaser. Other buildings follow and their builders see no reason why they should keep down lower or provide larger yards or courts than the first. The result is tragic from either a private or a public point of view.

All this has been conclusively demonstrated by costly experience in the recent history of the office and loft building sections of Manhattan. Whole areas have been built up piecemeal with towering buildings having inadequate courts and yards without much thought of ultimate consequences. Such areas are in process of being smothered by their own growth. The streets are inadequate to handle the traffic induced by the multiplication of floor area to be served and the buildings constructed without reference to the width of the streets, yards and courts on which they abut shut out light and air essential to health and to rental on a basis that will permit of a reasonable return on the investment.

The social and economic desirability of limited height and minimum court and yard provisions has been clearly established by apartment house construction under the Tenement House Law. Had similar regulations been applied to the office and loft buildings great loss would have been prevented. All agree that the Tenement House Law accomplished a most desirable reform in the interest both of owners and tenants in establishing regulations as to height, area covered, yards and courts. In exclusively residential blocks in certain of the more intensively developed sections light and air conditions have been standardized and property values stabilized by ensuring that each owner shall make a reasonable contribution to the light and air of the block.

Only by a complete districting plan can the mutually advantageous principle contained in the Tenement House Law be applied to all kinds of buildings in all parts of the city. There must first be a partial segregation of buildings according to use and, second, a gradation of height, court and yard provisions, particularly as affecting residential buildings, in accordance with the present and prospective intensity of use in the various sections of the city.

The intensity of building development appropriate for each district is dependent on the character of occupation and use in that particular district. Certain trades and industries require structures of unusual size and shape. A comparatively high degree of concentration is important for the facilitation of business in an office district. The demand for housing varies with the differing tastes and necessities of the inhabitants of the city. There is a demand and a need for single family dwellings as well as for hotels and apartment houses.

In building a city it is sometimes assumed that we should start with a certain model type of residence and seek to make that type universal. If a density of not exceeding eight families to the acre is desirable, building regulations should be devised to prevent a greater density. The problem is not so simple. The problem of housing accommodations and desirable densities cannot be profitably considered without reference to a particular city, with a known topographic, transit, commercial and social organization and an assumed probable rate of increase in population. We cannot annihilate time and space, and as long as these factors are appreciable the problem of the appropriate intensity of the use of land must always remain relative. There can be no absolute standard.

Most men in choosing a home in a large city must weigh various divergent considerations and strike the balance that gives a maximum of satisfaction. They have to sacrifice a desire for open space and isolation in order to save time and money and avoid great personal inconvenience. Many families prefer Manhattan apartments for social reasons or because of proximity in time and space to clubs, hotels and theatres, or because of nearness to place of business or work. In choosing a home the business man who works from 10 A. M. to 7 P. M. at his office, and the laborer who works in a Manhattan factory from 7 A. M. to 6 P. M., are both likely to sacrifice the numerous advantages of a suburban villa for the convenience of a Manhattan apartment or flat.

That considerable areas near the heart of the city should be very intensively used for tenements and apartments is natural and probably inevitable. The demand for housing is naturally greatest in the most favorable locations. Were it not for the ability to multiply housing area by placing one dwelling on top of another rents would be prohibitive in these favored locations for practically all those who now occupy apartments or flats. It is natural that the intensity of the demand for housing should vary in the different parts of a given city, the general tendency being, starting with the highest intensity of demand near the center, for this demand to fall rapidly toward the periphery of the city.

Beyond the central zone of the more intensive housing the provision of light, air and open space may be rapidly increased. Radiating from the common business center, the amount of land available for development rapidly increases. When it is necessary to use a rapid transit line to get to the business center a few minutes more or less on the train is unimportant. Beyond this central housing zone, therefore, regulations requiring much more adequate courts, yards and open spaces may properly be required.

The assumption that an individual owner in a city should have unlimited liberty to cover his entire lot to any height is incompatible either with the interest of owners generally or with that of the public. It is not possible to secure the light and air that is essential both to the profitable use of land and to the health and comfort of the public unless the height and area covered by buildings is limited. As Professor Whipple has well stated: "While in general rights in the use of land are bounded by vertical planes, it must not be forgotten that the sun's rays fall slantingly upon the land, while the wind movements are chiefly horizontal. These natural elements are interfered with by excessive high and crowded buildings, hence there are rights in land ownership which extend beyond the vertical planes." In a memorandum submitted to the Commission, Professor Whipple discusses the importance of light and air, in part, as follows: "Considered from the standpoint of light, the sun's rays profoundly affect the lighting of rooms. This is a matter of common knowledge, but quantitative relations have been shown by many photometer tests made at points located at different distances from windows, and by similar tests made at the windows of different stories in tall buildings, the exterior lighting of which is influenced by adjoining buildings. Sunlight likewise causes movements of the air. This is due to unequal heating in different places. The air currents thus set up are gentle and desirable. Places which never receive the sunlight are more likely than others to contain stagnant air. The sun's rays have a marked disinfecting action and prevent the growth of molds and fungi, thereby eliminating odors of certain kinds. They also destroy bacterial life, whether the bacteria are floating in the air or are attached to the exposed surfaces of pavements, floors or walls. To the extent to which this occurs the danger of infection from certain disease germs is lessened. Sunlight has both a physiological and a psychological influence on human beings.

By daylight is meant the indirect lighting from the sun, that is, lighting received from the sky or clouds and reflected from various surfaces. While it is possible for human beings to exist without direct sunlight and even without daylight, it is the experience of the race that both sunlight and daylight in sufficient amounts are highly desirable. Daylight is necessary, not only for health and comfort, but for economic reasons. Too little light causes eye-strain with its train of physiological disturbances, and decreases the productiveness of work. It unfavorably influences the mental condition. Light promotes cheerfulness, while gloomy rooms depress vitality. Lack of daylight limits the length of the working day in some industries and increases the amount of artificial light required. Artificial lighting with oil or gas tends to vitiate the air by increasing the carbonic acid and moisture, and even by increasing the poisonous carbonic oxide. Artificial lighting also increases fire risks. Lack of exterior lighting increases the amount of window space required and this in turn increases the heat loss in buildings in winter. In these and other ways, insufficient lighting not only results in inconvenience to human beings, but may be a positive menace to the health, safety and morals of the people. The amount of daylight received in buildings is greatly affected by adjoining buildings, by their positions, their height, and by the character of their walls, both in color and material.

The necessity of adequate ventilation need not be argued, but it is not as fully realized as it should be that the air which enters a building, both in amount and quality, is influenced by the surrounding buildings. If buildings are too close together, there is likely to be a stagnation of the air between them. The ventilation of streets, alleys, courts and interior spaces between buildings is as much a matter of public importance. Street ventilation is influenced not only by the orientation of the streets and the prevailing wind movements, but by the height, size, shape and character of buildings, and their distances apart. In cavernous streets there are excessive air currents near the ground, and at times great air movements, especially objectionable in winter. On the other hand, at times of gentle air movements there may be no currents at all near the streets and pavements between high buildings because the friction of the air passing through the narrow channels prevents them. In other words, narrow streets lined with high buildings tend to produce extreme conditions of air movement and both extremes are objectionable. In regulating the size and height of buildings with reference to the streets, the city is to a considerable extent controlling street ventilation and the ventilation of courts and interior spaces, and thus indirectly the ventilation of indoor quarters.

Quite as important as the volume of the air taken into buildings is its cleanliness. One of the difficulties in cities is to obtain proper air inlets for ventilation systems. The amount of smoke and dust, foul odors on the streets, bad smells from buildings, from passing vehicles, from exposed refuse and from other sources, are matters properly subject to the control of the health department, but the concentration of dust and smoke and foul odors is greatly influenced by street ventilation. The regulation of buildings is a regulation of the amount of dilution of odors and is, therefore, a public health factor."

Exposure to a vitiated atmosphere, especially if it is of long duration, tends to break down the individual's power to resist disease. The susceptibility to respiratory affections, tuberculosis, pneumonia and colds, is particularly increased. In the treatment of disease, pure air is of the greatest curative value. The importance of direct sunlight on health is hard to overestimate. It serves as a beneficial stimulant to the nervous system. In the destruction of bacteria it is better than many artificial disinfectants. An increased supply of sunshine in an apartment means decreased dampness. The highest medical authorities all agree that the action of the sun's rays upon air is prophylactic, rendering the environment more healthy. Good natural light and ventilation alone are not enough. Direct sunlight is also important.

Light and air are so important that their provision should be required in every section of the city up to that point at which their benefits as to that particular section tend to be outweighed by other needs and requirements of city life. Under New York City conditions, the upper limit would probably be the single detached house on a forty or fifty-foot lot with ample open spaces about it. This the proposed E district regulations would in large measure secure. At the other extreme the minimum provision of light and air assuredly should not be less than that required by the present Tenement House Law. For large areas in New York City neither of the above extremes furnishes an appropriate standard. The one and one-half and one times height districts and the C and D area districts will supply the demand and need for light and air standards between these two extremes.

From the point of view of public advantage the distribution of population is very important. Most of the evils of city life come from congestion of population. In precisely the measure that the city's population can be distributed will those evils be mitigated. As the number of families housed per 50-foot lot increases:

(1) The provision of light and air, so essential to health, vitality and comfort, decreases.

(2) The opportunities for personal contact and thus for the spread of communicable disease increase.

(3) Noise and confusion incident to increased street traffic increase.

(4) Each family suffers more and more from the noises from neighboring families.

(5) Privacy is diminished.

(6) The children have less and less opportunity for outdoor play.

(7) The danger from fire, both to life and property, is increased.

(8) The transit lines become more and more congested during the rush hours.

It is therefore essential in the interest of the public health, safety, comfort, convenience and general welfare that a housing plan be adopted that will tend to distribute the population and secure to each section as much light, air and relief from congestion as is consistent with the housing of the entire population for a considerable period of years within the areas accessible and appropriate for housing purposes.

In order to provide the people of the city with the kinds of homes that they desire, are willing to pay for and that will bring the maximum advantage from the point of view of public health and safety it is absolutely necesary to district the city in such a way as to encourage and conserve particular types of building in particular sections.

The control of the intensity of use of land cannot safely be left to economic forces. Unless for each section standards of height and area covered are fixed, the tendency will be to build up solidly to the extent permitted by the Tenement House Law. The real demand for single family houses and for multi-family houses with adequate yards and open spaces will not be supplied because builders and investors have learned that such developments are in danger of being ruined by the erection of a few neighboring buildings of a different and more intensive type.

Tenants move away from the congested centers in order to secure better light and air. But if after a few years the bright sunny building to which they have moved becomes surrounded by buildings similar in height, yard and court provisions to the building in the congested centre in which they were formerly located, the desirability of the new location for this class of tenants disappears and rentable values are likely to be seriously impaired. A proper districting plan will insure that whatever probable intensity of demand will permit, a certain measure of the improved light and air conditions that have attracted tenants to the new location shall be permanently retained.

Private developers in suburban residence districts have found that in order to attract purchasers it is necessary to place uniform restrictions on the land against improvement by multi-family dwellings. The surroundings and neighborhood are all important in securing desirable home conditions. Unless the private residential character of the section is fixed for a considerable number of years no one can afford to build a home. This method of private restriction frequently fails either because the territory covered is not sufficiently inclusive or because the restriction is limited to a short term of years. In recent years the development of detached house sections has been greatly retarded by the fate of many such sections where by the coming of a few apartment houses the entire section has been destroyed for private house purposes. Often in such sections the apartment house is a mere parasite. There would be no economic reason for its construction were it not for the open spaces and attractive surroundings created by the private dwelling character of the neighborhood.

Many men and women would be unable to stand the strain of city life were it not possible for them to live in the more quiet, less densely populated sections. A detached house with yard and garden has kept some from breaking down under the nervous strain and has contributed to the efficiency and vitality of many others.

It is important from the standpoint of citizenship as well as from that of health, safety and comfort, that sections be set aside where a man can own his own home and have a little open space about it. It makes a man take a keener interest in his

neighborhood and city. It has undoubted advantages in the rearing of future citizens. The setting aside of sections for this detached dwelling type is necessary in order to retain within the city many citizens who would otherwise move to the suburbs. The retention of the citizenship of a greater proportion of this class of its business men, is of great importance not only as regards the city's taxable values, but also as regards civic interest and civic leadership.

CHAPTER V.—HEIGHT DISTRICTS.

The Districting resolution herewith submitted, together with the accompanying Height district maps, provide for five classes of height districts limiting the height of the building at the street line to a varying multiple of the street width. The districts named in accordance with the multiple applied are: One times districts, one and one-quarter times districts, one and one-half times districts, two times districts and two and one-half times districts.

In limiting the height of all buildings in relation to width of the streets on which they abut, the Commission has adopted a principle which for a great many years (since 1885) has been applied to tenement house construction in New York City. The Tenement House Law limits the height of tenement houses throughout the city to one and one-half times the street width. It has also been extensively applied in European cities. This rule has evident advantages over a flat limitation that operates without regard to the width of the street. A height limit based on street width is seen to have a direct relation to street congestion and to light and air conditions.

The Commission has modified the strict application of the multiple of street width rule by providing that for the purpose of computing the limiting height on the multiple of street width basis a street less than 50 feet wide shall be considered to be 50 feet wide, and a street more than 100 feet wide shall be considered to be but 100 feet wide. In other words, the multiple of street width rule is not applied to very narrow streets, nor is it applied to streets of more than a prescribed width. There is for each district a minimum height that will be permitted and a maximum height that may not be exceeded, regardless of the width of the street. This modification is customary in building height regulations based in general upon street width. It is clear that a general multiple if applied to all narrow streets in the business centre might seriously interfere with an appropriate and reasonable use of the land. On the other hand, if the general street width multiple were applied without limit to very wide streets and open spaces, it would result in an excessive and inappropriate height for a few buildings that it would be a serious injury to the light of the neighbors on the sides and in the rear. Moreover, in the interest of safety in case of fire and of the prevention of street congestion in the side streets, it is appropriate that a maximum height at the street line be established for each district.

The multiple of street width rule limits the height of building at the street line only. Above such height limit at the street line, the building may be carried higher by means of mansards or vertical walls provided such extended portion is set back in a prescribed ratio. In the one times district the setback rule is one foot horizontally for each two feet of height above the prescribed height limit at the street line. Similarly in the one and one-quarter times district the setback rule is one to two and one-half; in the one and one-half times district 1 to 3; in the two times district 1 to 4 and in the two and one-half times district 1 to 5. This secures, except for streets less than 50 feet or more than 100 feet in width, a constant ratio between the height of the street wall at any point and its distance from the centre of the street at such height. In other words, no part of the building may be carried above a plane formed by the intersection of a horizontal line through the centre of the street at the curb level and a line at right angles thereto drawn through the limiting height at the street line. This will permit greater freedom of building construction than a flat limitation of height and at the same time will preserve a uniform angle of light down into the centre of the street.

At the intersection of a narrower with a wider street the height limit on the wider street governs for 100 feet back on the narrower street, if such narrower street is not more than 60 feet wide. For each one foot by which such narrower street exceeds 60 feet the influence of the height limit on the wider street extends one and one-half feet further back on the narrower street. Thus, if the narrower street is 80 feet wide the height limit of the wider street will extend back 130 feet on such 80-foot street. This will apply to all buildings within the 130-foot stretch whether they front on the wider or the narrower street. The distance back on the side street that the height limit of the wider street should go depends on light conditions on the narrower street as influenced by its intersection with the wider street and by the width of such narrower street as compared with that of the wider street. Both of these factors are taken into consideration in the rule applied.

As an exception to the general height and setback rule special regulations are provided for dormers and towers. Above the height limit on the street line dormers and headhouses may, with the approval of the building superintendent, be erected on the street line, provided their aggregate frontage length on the street line be not greater than 60 per cent. of the street frontage and provided that such percentage shall be reduced by one for every foot of height above the height limit on the street line. This will permit the erection of one large dormer or a number of small dormers in a mansard above the height limit on the street line. On a 100-foot frontage this will mean that the dormer on the street line at the height limit can be 60 feet wide; but at a height of 10 feet above the height limit the dormer can be only 50 feet wide; at 20 feet, 40 feet wide, and so on until at 60 feet of height the width of the dormer is reduced to a point. It is also provided that the percentage of the total frontage to be devoted to dormers may be increased by one for each four inches that such dormers are set back from the street line. On a 100-foot frontage this will permit a dormer set back 5 feet from the street line to occupy 75 feet at its base and to come to a point 75 feet above the height limit at the street line. This rule will weave in with the general set-back provisions and whichever are less drastic in any particular case will govern.

If the area of a building is reduced so that above a certain level it covers only 25 per cent. of the area of the lot, a street wall above such level may be carried to any height provided it is distant 75 feet from the centre of the street; but for every one per cent. of its full possible length that such street wall is decreased, it may come 4 inches nearer to the centre of the street. This will permit a building on an interior lot facing a street or open space of 150 feet or more in width to build a tower across the whole front of the building, provided it does not cover more than 25 per cent. of the lot. Similarly on a street 100 feet wide a tower can be built across the whole front of the building, provided it sets back 25 feet from the street line. Or if a building line has a 200-foot frontage on a 100-foot street, a tower with a 50-foot frontage can be built on the street line. If a building is on a corner each street wall of the tower is governed by the width of the street on which it faces. A tower on the corner of a 150-foot street and a 60-foot street would have to set back 45 feet from the 60-foot street line. If, however, the tower frontage on the 60-foot street were only one-quarter of the total building frontage on such street the tower could be erected within 20 feet of the street line. This exception in favor of towers applies to street walls only and other walls of the tower must conform to the general yard and court provisions wherever applicable.

Where a building would be pocketed between buildings in excess of the prescribed height within 50 feet on either side or directly across the street its height may be increased by the average excess height of such surrounding buildings. This will permit a building thus pocketed to secure a fair portion of the light and air that would otherwise be monopolized by the buildings already erected.

The only district in which a height of two and one-half times the street width is proposed is in the office and financial section in lower Manhattan. A height of two times the street width is allowed for the remaining portions of the more intensively developed commercial and industrial sections in a broad belt through the centre of the island from the lower office and financial section to 59th Street. An exception is made for a portion of the Fifth Avenue section, where limits of one and one-quarter and one and one-half times the street width are proposed. A height of two times the street width is also allowed for a narrow belt along a large portion of the waterfront of Manhattan and along the East River waterfront of Brooklyn, Queens and The Bronx; also for a small area around the chief office and business centre of Brooklyn. In the two-times districts on a 60-foot street the building can go up to 120 feet, or about 10 stories at the street line, and above that height by setting back 12 feet can go 4 stories higher. On a 100-foot street the buildings can go up 200 feet, or about 16 stories at the street line, and above that height with a 12-foot setback, can go 4 stories higher.

The high building problem in lower Manhattan was carefully studied by the Heights of Buildings Commission. The existing conditions and the reasons for limitation are stated by that Commission in part as follows:

"The high building problem is at present confined chiefly to a comparatively small portion of the lower half of the island of Manhattan. The average building height in the Borough of Manhattan is 4.8 stories. Ninety per cent. of the buildings do not exceed a height of 6 stories. The buildings over 10 stories in height constitute only a little over one per cent. of the total. Out of a total of 92,749 buildings there are but 1,048 buildings over 10 stories in height; 90 buildings over 17 stories; 51 buildings over 20 stories, and only 9 buildings over 30 stories.

"The Building Code requires that all buildings over 150 feet in height be thoroughly fireproof. The buildings themselves cannot burn because there is nothing combustible in their construction. All high buildings are equipped with standpipes and ample tanks at various levels and many of them with automatic sprinklers. Doors and windows between rooms and between rooms and corridors are fire proof, so that fire can be confined to a single room. There are many interesting examples of such fires.

"The fact remains, however, that tall buildings are not necessarily safe. The rooms are often filled with highly inflammable material. Unless doors are closed fire may easily spread to other rooms. The draft up the chimney-like elevator wells may pull the flames across the corridor and the flames, fed by the grease on the elevator guides, may be carried to upper floors. Under such conditions the danger of panic among employees of the building would be very real and the higher the building the greater the danger.

"The Fire Department cannot fight a fire from the outside more than 85 to 100 feet above the ground. Above that they must rely on the standpipes in the building. If the standpipe does not work or if the fire is so near the standpipe as to render its use impracticable, the Fire Department becomes helpless. No fatal fire in a modern high building has yet occurred, but it is not an impossibility.

"In cases of general panic or catastrophe causing the occupants of all offices in all buildings, in the high building district to seek the streets at once a serious situation would present itself. It would be impossible for all the occupants of all the buildings, abutting on certain streets to move in the street at one time, even though the street were cleared of all other traffic, pedestrian, vehicular and surface car, and absolutely free from all obstructions, so that the entire width of the street might be used. The minimum space required by a crowd moving in one direction is five square feet per person. Computed in this manner Broadway could hold but 96.3 per cent. of its occupants; Trinity Place and Church Street 86.6 per cent.; Nassau Street, 69.3 per cent.; New Street, 44.5 per cent., and Exchange Place, only 37.5 per cent. This being the situation to-day, the question arises as to what might happen in case of a general panic should the entire district be solidly built up with buildings of the present extreme heights.

"In areas where high buildings are crowded together most of the rooms, even on the street front, are inadequately lighted and many are decidedly dark. On New Street and Exchange Place, where the office buildings range from 10 to 22 stories high, on a bright sunny day at noon in midsummer it was found that in almost all of the street rooms artificial light was being used next to the windows. The conditions in the interior courts in parts of the tall building district are even worse.

"Even with modern artificial lighting of the most approved type the dark offices have caused a great deal of eye strain. Nothing but adequate natural light seems to prevent it. Tuberculosis experts testified to the Commission that they had found many cases of tuberculosis directly traceable to working in dark offices. A noticeable increase in sick leave has been found among the employees of firms that have moved from light to dark offices.

"A number of streets in the high building district are already so congested that pedestrian and vehicular traffic is greatly impeded. Assuming that pedestrians will use sidewalk space only and will move in one direction only there is room on Trinity Place and Church Street for but 56 per cent. of the occupants of the buildings located on those streets; on Broadway, 50 per cent.; on Nassau street, 32 per cent., and on New Street, but 19 per cent. If these same streets should be uniformly built up to an average height of 30 stories the above percentages would be reduced to: 26 per cent. on Broadway; 20 per cent. on Trinity Place and Church Street; 11.9 per cent. on Nassau Street; 8.9 per cent. on New Street, and 8.4 per cent. on Exchange Place. It is quite clear that under such conditions the street capacity would be entirely inadequate to take care of the morning, afternoon and noon hour crowds."

Chief Engineer Lewis in his testimony before the Commission spoke of the possible fatal consequences from panic in congested lower Manhattan. Mr. Lewis said: "It is obvious to anyone that in certain portions of the city, notably in lower Manhattan, the enormous day population of the office buildings, most of whom come to their work in the morning and leave in the afternoon within a very limited time, now over-taxes the public streets and, while we are reasonably free from earthquake shocks, or even tremors, you will recall that in 1884 and again in 1886 there were violent vibrations which caused a very panicky feeling. You may remember the explosion in the Tarrant Building, perhaps twenty years ago, which created a great panic in the neighborhood. It is easy to see what would happen if, in the office building district downtown, a violent explosion or earthquake tremor were to occur, which would result in a mad rush from office buildings to the streets. The panic in the streets would be almost inconceivable and would, under existing conditions, be about as serious and fatal in its results as those which occur when people try to leave a theatre in case of an alarm of fire."

Tenement and apartment houses throughout the city are now limited to a height of 1½ times the street width. The proposed plan takes the 1½-times rule of the Tenement House Law and applies it to substantially all the residential portions of the city that are now intensively built up and to all the commercial, industrial and waterfront sections not included in the 2½ or 2-times rule and where a somewhat intensive future development is anticipated.

Other residential sections where a fairly intensive apartment house development seems not inappropriate, are placed in the 1¼-times district. This will permit a 6-story elevator apartment on the ordinary 60-foot street and a 10-story apartment on a 100-foot street. By taking advantage of the set-back provisions, two or more stories of additional height may be secured. Under the 1½-times rule of the Tenement House Law 9-story apartments are now built in certain sections of Manhattan on the 60-foot streets. The 1¼ districts will prevent the development of this type and this will be a distinct gain from the point of view of better light and air and the distribution of population.

All other portions of the city, including those in which a 2, 3, 4 or 5-story development seems appropriate, are placed in the one-times district. This will permit of a 5-story building on a 60-foot street and an 8 or 9-story building on a 100-foot street. By taking advantage of the set-back provision, one or more stories of additional height may be secured.

CHAPTER VI—AREA DISTRICTS.

The Districting resolution herewith submitted, together with the accompanying area district maps, provides for five classes of area districts, A, B, C, D and E, with varying regulations as to size of yards, courts and other open spaces.

Except in A districts any building that is back to back with the rear of another property and is more than 55 feet back from the nearest street must have a rear yard. The requirement for a rear yard is reciprocal. No building is required to have a rear yard unless a similar obligation could be imposed with respect to any building hereafter erected on the plot immediately behind such yard. The 55-foot exemption is inserted on the assumption that a building running back but 55 feet from the street can be lighted in its most used parts directly from the street. A corner building is seldom back to back with the rear portion of another building and consequently would seldom require a rear yard. If, however, a building runs through the middle of a block from street to street and between lots for which rear yards are required, it will be required to leave uncovered in some part of its extent courts equivalent in size to the space that its neighbors are required to devote to rear yards. The depth of the rear yard at its lowest level must be at least 10 per cent. of the depth of the lot; but need not in any case exceed 10 feet at such level. For any building not within a residence district the rear yard may start from a level 18 feet above the curb. This permits all buildings in the business, unrestricted and undetermined districts to cover the entire lot for the first floor. For any building in a residence district the rear yard must start from the curb level, except that the usual 1-story accessory buildings may cover 40 per cent. of the prescribed area of the yard.

In addition to the percentage requirement as to the depth of the yard at its lowest level, the yard must increase in depth with the height of the yard, being not less than

one inch, two inches, three inches, four inches or five inches in depth for each one foot of its height according as it is located in the A, B, C, D or E district. The increased depth of yard required as the building increases in height may be secured by stepping back at each story or at each two, three, five or more stories. The purpose of the regulation is to preserve a reasonable angle of light for the lighting of the lower windows.

In every building hereafter constructed in which a room in which persons live, sleep or work receives its light and air in whole or in part from a court or yard, at least one court or yard having a window opening from such room shall be of the size prescribed for a required court. The least horizontal dimension of a required court shall be not less than four feet. The court must increase in width with the height of its enclosing walls being not less than one inch in least dimension for one foot of height, in an A or B district; one and one-half inches in a C district, two inches in a D district and two and one-half inches in an E district. This gives an outer court with a least dimension at any height just one-half as great as that for a required yard at the same height. The area of an inner court at any height must be not less than the square of a depth of a required yard at such height. The length of such required inner court for its minimum area may not be more than twice its width. The width of an outer court, besides being governed by the height of such court, is also governed by the length of the court. An outer court gets its light and air both from above and from the end of such court opening on the yard or street. It is appropriate therefore that the width of the outer court should bear some relation to its length. An outer court accordingly must increase in width with the length of such court being not less than one inch in least dimension for each foot of length from the closed end in an A district, one and one-half inches in a B or C district, two inches in a D district and two and one-half inches in an E district.

The A district is essentially a warehouse district and is confined to a narrow belt along the navigable waterfront and along the rail terminals. Light is not required for most storage buildings. The A district is established so that storage buildings that do not require light and air will not need to provide unnecessary open spaces. The Districting plan makes it possible to give such buildings a place to locate where they will be exempt from all yard requirements. Any building in an A district, however, that is required to have a court to light its workrooms must provide courts of at least one inch in least dimension for each foot of height, as now provided in the Building Code. This does not mean that a building covering the entire plot may not be located outside of an A district, for in a B, C or D district a department store, for example, not back to back with another building and with no rooms that have to face on a legal court, could occupy 100 per cent. of the lot for its entire height.

In a B district rear yards must be at least two inches in least dimension for each one foot of height, and outer courts and side yards at least one inch in least dimension for each one foot of height. This will require for all buildings slightly deeper yards above 90 feet in height than are now required under the Tenement House Law. This will only affect elevator apartments above eight or nine stories in height fronting on the long side of blocks, and the increased width of yard will not have to be carried down to the ground but can be provided in a set back above the 90-foot limit. In the B districts the important change, as compared with existing conditions, is the requirement of a rear yard for business and industrial buildings as well as tenements wherever they are back to back with the rear of another property. The rear yard for a building 120 feet high or about 10 stories would be 20 feet in depth, and for a building 150 feet high or about 12 stories would be 25 feet in depth. This is not in excess of the best economic standards and practice, and will greatly improve light and air conditions in the loft building and office building sections of the city. In case the yard started 18 feet above the curb as permitted for buildings not in residence districts the width of the yard at any height above the curb would be three feet less than indicated in the above examples.

In the C districts rear yards for all buildings must be at least three inches in least dimension for each one foot of height and outer courts and side yards must be at least one and one-half inches in least dimension for each one foot of height. The prescribed minimum size of yards and courts remains about the same as under the Tenement House Law up to and including five stories in height. Above that height, however, they gradually become more stringent than under the Tenement House Law. In a building five stories, or approximately 56 feet in height, a rear yard under these provisions would have to be 14 feet wide or two feet wider than required under the Tenement House Law. An outer court would have to be seven feet wide or one foot wider than required under the Tenement House Law. However, as buildings on interior lots are limited to 70 per cent. of the lot under the Tenement House Law, this is apt to require increases in the minimum depths and widths of courts and yards, and for most floor plans and plots a five-story tenement house covering 70 per cent. of the lot could be built under the C-district regulations. On account of difficulties in planning suitable buildings for small plottages a special exception is made in the court requirements for a lot 30 feet or less in width. On such lots outer and inner courts are subject to the regulations provided for such courts in the B districts.

For all buildings in a D district, rear yards must be four inches in least dimension for each one foot of height, and courts and side yards two inches in least dimension for each one foot of height. A building on an interior lot in a residence district may not cover more than 60 per cent. of the area of the lot; on a corner lot it may cover 80 per cent. of such area. In a residence district the depth of a rear yard at the curb level shall be 20 per cent. of the depth of the lot, but need not exceed 20 feet at such level. The restrictions provided for the D districts are especially appropriate for one and two-family house districts, especially where houses occur in rows. They are also appropriate for multi-family houses, provided they are built with more adequate courts and open spaces than is now customary. The minimum dimensions of yards and courts are double those required for buildings in the B districts. A tenement or an apartment house on an interior lot in a D district covering 60 per cent. of its lot, four stories, or 44 feet in height, would have to have a yard 20 feet deep and an outer court at least seven feet four inches wide. For lots of 30 feet or less in width, outer and inner courts are subject to the less restrictive regulations provided for such courts in C districts.

The E district regulations are particularly appropriate for detached or semi-detached houses on lots 40 feet or more in width. In a residence district a building on an interior lot, with its porches, wings and accessory buildings may not occupy for the first story more than 50 per cent. of the area of the lot, and may not exceed 30 per cent. of the area of the lot above the first story. For a corner lot, these percentages are increased to 70 per cent. and 40 per cent. respectively. For all buildings rear yards shall be at least five inches in least dimension for each one foot of height and courts and side yards at least two and one-half inches for each foot of height. For a lot 50 feet or less in width, courts and side yards shall be not less than two inches in least dimension for each foot of height. In a residence district the depth of the rear yard at the curb level shall be at least 25 per cent. of the depth of the lot, but need not exceed 25 feet. If the building is set back from the street the required depth of the rear yard may be correspondingly decreased, but not below ten feet. On at least one side of every building in a residence district there shall be a side yard along the lot line for the full depth of the lot. For any building not within a residence district the depth of the required rear yard at its lowest level must be at least 15 per cent. of the depth of the lot, but need not exceed 15 feet at such level.

It is so important to secure some segregated open space for the joint play and recreational use of the residents of every section that is built up with tenement or apartment houses, that it is well worth while to grant developers the option of building under less restrictive provisions as to courts and yards if as a substitute they supply areas suitable for recreational use. An arrangement is accordingly provided whereby an individual developer or group of property owners in a D or C district can, by setting aside ten per cent. of their land for joint recreational use, be relieved of the court and yard requirements of the district in which they are situated, and have the right to follow the requirements of the next less restricted district. The ten per cent set aside for common recreational use must be equal to at least 5,000 square feet, and must be at least 40 feet in its least dimension. This common space may be left in the center of the block or it may be made up of any lots in the block or in an adjoining block that are approved by the Superintendent of Buildings as suitable for the joint recreational use of the residents.

CHAPTER VII—FUTURE CHANGE AND DEVELOPMENT OF DISTRICTING PLAN.

The Legislature, by a recent amendment to the districting provisions of the Charter (sections 242a, 242b), has provided a definite method, under appropriate safeguards, by which the Board of Estimate may amend and supplement any general districting plan that it may adopt. This amendment was drafted by the Commission and approved by the Board of Estimate. It is essential to the success and future development of any districting plan.

The districting plan submitted has been evolved after a careful study of existing conditions and tendencies and a careful estimate of probable future needs and requirements both of the city as a whole and of each particular section. There is no thought, however, that the plan now proposed can be complete and final for all time. There are doubtless errors and omissions that will be brought out only by actual operation. Moreover, it is recognized that any plan of city building must be modified and supplemented with the growth of the city, and the changes in social and economic conditions due to the progress of invention and discovery.

"No limit can be set to the growth and expansion of the city. No amount of planning can avoid the necessity for a considerable amount of reconstruction and change. Regardless of the requirements of an increasing population, the city structure must change to conform to the changes in the economic and industrial world. The city is but an expression of the existing economic, commercial, industrial, social and political organization. When invention and discovery are changing the methods of work and of living throughout the world, it is idle to think that we can so judge the future that our present plans for the city's development will not require change and modification. The "once for all" method of city planning, is, therefore, impractical. We cannot adopt a plan and make that the Procrustean mould for all future time. The plan must develop and change with the advance of civilization. City planning, to be effectual, must be sustained and continuous. It is never completed."

Even now, it is clear that the present plan must be supplemented and changed when plans for certain fundamental factors affecting the physical structure of the city have been definitely worked out. Among these factors are a comprehensive plan of port and terminal development, a plan of park development in Brooklyn, Queens and Richmond, a plan for future extensions and surface line feeders for the dual subway system.

Moreover, the present plan has been developed along quite broad general lines with the belief that after its adoption it would be further supplemented by more restrictive provisions in various areas. A more intensive study of particular sections will doubtless show that some streets now unrestricted or restricted to business may, with advantage, be included in the residence class. The owners interested will doubtless in many cases petition that this be done. Similarly and even to a greater extent, the Area districts contained in the present plan will be supplemented in order to conserve existing developments and extend the safeguard of the E and D restrictions to other sections.

The method of amendment contained in the proposed Districting resolution is as follows: "Whenever the owners of 50 per cent. or more of the frontage in any district, or part thereof, shall present a petition duly signed and acknowledged to the Board of Estimate and Apportionment, requesting an amendment, supplement, change or repeal of the regulations prescribed for such district, or part thereof, it shall be the duty of this Board to vote upon said petition within 90 days after the filing of the same by the petitioners with the Secretary of this Board. If, however, a protest against such amendment, supplement or change be presented, duly signed and acknowledged by the owners of 20 per cent. or more of the frontage proposed to be altered, or by the owners of 20 per cent. of the frontage immediately in the rear thereof, or by the owners of 20 per cent. of the frontage directly opposite the frontage proposed to be altered, such amendment shall not be passed except by the unanimous vote of the Board."

The above provisions in relation to a protest of 20 per cent. of frontage affected are identical with the provisions for amendment added by the recent Legislature to the districting sections of the Charter. Under this method it will be possible for the owners in any block frontage between two intersecting streets to petition for the kind of restriction that will best conserve the type of improvement most suitable for that block. We believe that this process of amending, supplementing and perfecting the general plan is essential to its full success.

Under the Districting resolution submitted, the enforcement of the plan is vested in the Superintendent of Buildings in each borough, the Fire Commissioner and the Tenement House Commissioner, under the rules and regulations of the Board of Standards and Appeals. The chief control will be exercised through the building permit and the certificate of occupancy issued by the Superintendent of Buildings. The Fire Commissioner's jurisdiction will be confined to subsequent enforcement of provisions in relation to the use of buildings. The Tenement House Commissioner will have jurisdiction over the application of the provisions of the resolution to tenement houses.

The future amendment and development of the districting plan will doubtless entail some added work for the Board of Estimate. It should be carried on as part of the general work of comprehensive planning that the Board's Committee on the City Plan has in hand. It is very important for the permanent success of the districting plan that all detailed amendments should be correlated with a comprehensive plan of city growth and development. Respectfully submitted,

EDWARD M. BASSETT, Chairman; LAWSON PURDY, Vice-Chairman; EDWARD C. BLUM, JAMES E. CLONIN, OTTO M. EIDLITZ, BURT L. FENNER, EDWARD R. HARDY, RICHARD W. LAWRENCE, ALRICK H. MAN, ALFRED E. MARLING, GEORGE T. MORTIMER, J. F. SMITH, WALTER STABLER, FRANKLIN S. TOMLIN, GEORGE C. WHIPPLE, WILLIAM G. WILLCOX, Commission on Building Districts and Restrictions.

ROBERT H. WHITTEN, Secretary.

COMMISSION ON BUILDING DISTRICTS AND RESTRICTIONS.

Districting Resolution.

(Draft of June 2, 1916.)

A RESOLUTION regulating the height and bulk of buildings, the area of courts and yards, the location of trades and industries and the location of buildings designed for specified uses and establishing the boundaries of districts for such purposes.

Be it resolved by the Board of Estimate and Apportionment:

Section 1. Definitions: Certain words in this resolution are defined for the purposes thereof as follows: Words used in the present tense include the future; the singular number includes the plural and the plural the singular; the word "lot" includes the word "plot"; the word "building" includes the word "structure."

(a) For the purpose of Articles II and III a "residential building" is any building or part of a building within a "Residence District," as shown on the accompanying Use District maps. A "non-residential building" is any building or part of a building within a "Business," an "Unrestricted" or an "Undetermined District," as shown on the accompanying Use District maps.

(b) A "factory" is a building or portion of a building in which six or more persons are employed in any process or part of a process of transforming or converting raw material, partly wrought material or imperfect material into forms suitable for use.

(c) The "curb" is the mean curb level at that front of the building which faces on the street of greatest width, or, if the greatest width occurs on more than one of the streets on which the building faces, the mean curb level at that front of the building which faces on the street of greatest width and having the highest curb. Where no street grade has been legally established, or the building does not adjoin the street, the average level of all the ground adjoining such building shall be taken, with the approval of the building superintendent, as the equivalent of the curb level.

(d) A "street wall" of a building at any height above the curb is the wall of the building nearest to the street line and approximately parallel to it.

(e) The "height" of a street wall of a building is the vertical distance measured in a straight line from the curb level to the highest point of the roof beams adjacent to the street wall in the case of flat roofs, and to the average height of the gable in the case of roofs having a pitch of more than 20 degrees with a horizontal plane. Where a building comes under the jurisdiction of the Tenement House Law the definition of the height of the building and of the curb level shall be as defined in the Tenement House Law, Article 1, Section 2, Subsection 12.

(f) The "width of the street," is the average width of the street within the block measured from street line to opposite street line, but where a street borders a public place, a public park or body of water the width of the street is the width of such marginal street plus the width of such public place, public park or body of water.

(g) A "corner lot" is a lot at a corner or junction of two or more intersecting streets between which there is an interior angle of less than 135 degrees. Where a lot is on a curve, if tangents through the extreme points of the street line of such lot make an interior angle of less than 135 degrees, it is a corner lot. Any other lot is an "interior lot."

(h) A "rear yard" is an open unoccupied space on the same lot with a building between the extreme rear line of the building and the rear line of the lot. In the case of a corner lot the owner may elect by a statement on his plans any street

boundary as his front. The rear of a lot is the side opposite to the street front. In the case of a triangular or gore lot the rear is the boundary line not bordering on a street. The depth of a lot is the average distance from the street front line of the lot to the rear line of the lot.

(i) Buildings or portions of buildings shall be deemed "back to back" when they are on opposite sides of the same part of a rear line common to each and the streets on which the buildings front are parallel with each other or make an angle with each other of not over 45 degrees.

(j) A "court" is an open unoccupied space, other than a yard, on the same lot with a building. A court not extending to the street or a rear yard of at least the prescribed size is an "inner court." Where a building is not required to have a rear yard under Section 11 a court adjacent to the rear lot line of at least the minimum size and dimensions at any height prescribed for an inner court shall be deemed to be a prescribed rear yard. A court extending to the street or a rear yard of at least the prescribed size is an "outer court." An outer court on the lot line extending through from the street to a rear yard of at least the prescribed size is a "side yard."

(k) The "height" of yards and courts shall be measured from the lowest part of such yard or court as actually constructed. The "height" of yards and courts for all buildings that come under the jurisdiction of the Tenement House Law shall be measured from the curb level.

(l) The "least horizontal dimension" of a yard or court at any level is the least of the mean clear horizontal dimensions of such yard or court at such level.

ARTICLE I—USE DISTRICTS.

Section 2. For the purpose of designating, regulating and restricting the location of trades and industries and the location of buildings designed for specified uses, the City of New York is hereby divided into four classes of districts, (1) Residence districts; (2) Business districts; (3) Unrestricted districts, and (4) Undetermined districts, as shown on the Use District Maps which accompany this resolution and are hereby declared to be part hereof. The Use Districts described on said maps are hereby established.

Section 3. All buildings or premises shall conform to the regulations and restrictions hereinafter established for the Use District in which they are located. All existing buildings or premises may continue in their present use or uses, but said use shall not hereafter be converted or changed without conforming to the regulations herein established. The superintendent of buildings may, however, in appropriate cases vary the application of the regulations established as follows:

(a) Permit the reconstruction of existing buildings or the erection of additional buildings upon a plot exclusively occupied by a single trade, industry or use existing at the time of the passage of this resolution but not conforming to the uses allowed in the Use District in which it is located.

(b) Where a use district boundary line divides a plot in a single ownership at the time of the passage of this resolution, permit a use authorized on either portion of such plot to extend to the entire plot but not more than 25 feet beyond the boundary line of the district in which such use is authorized.

(c) Permit the extension of a single building back into a more restricted district under such conditions as will safeguard the character of the more restricted district.

(d) Waive the residence district regulation where a residence district has a frontage of not more than 100 feet on either or both sides of a street between two business or unrestricted districts.

(e) Approve in undeveloped sections of the city temporary and conditional permits for not more than two years for structures and uses in contravention of the requirements of this resolution.

(f) Where the street layout actually on the ground varies from the street layout shown on the district maps, apply the designations shown on the mapped streets to the unmapped streets in such a way as to carry out the intent and purpose of the plan for the particular section in question.

Section 4. Residence Districts: In a residence district only buildings with their usual accessories designed exclusively for the following specified uses may be constructed:

(1) Dwellings, which shall include tenement houses, boarding houses, and hotels having thirty or more sleeping rooms.

(2) Private clubs.

(3) Religious, educational, philanthropic and eleemosynary buildings and institutions, other than correctional institutions.

(4) Hospitals and sanitariums.

(5) Farming, truck gardening, nurseries or greenhouses.

In a residence district the use of buildings or premises shall be limited to the uses as above specified, for which buildings may be constructed and to the customary accessory uses incident thereto. The superintendent of buildings may, however, permit in a residence district any building or use in keeping with the uses expressly enumerated above. The term accessory use shall not include a business or a factory nor shall it include any building or use not located on the same plot with the building or use to which it is accessory. A private garage for more than five motor vehicles shall not be deemed an accessory use. A private club having as its chief activity a service customarily carried on as a business shall be excluded from a residence district.

Section 5. Business Districts: In a business district no buildings shall be constructed and no premises or buildings shall be used for any of the following specified trades, industries or uses:

Ammonia, chlorine or bleaching powder manufacture.
Asphalt manufacture or refining.
Assaying (other than gold and silver).
Blacksmithing.
Boilermaking.
Brewing and distilling of liquors.
Carpet cleaning.
Celluloid manufacture.
Crematories.
Distillation of coal, wood or bones.
Dyeing and dry cleaning.
Electric central station power plants.
Fat rendering.
Fertilizer manufacture.
Garage for five or more motor vehicles.
Gas (illuminating or heating) manufacture and storage.
Glue, size and gelatine manufacture.
Incineration or reduction of garbage, offal, dead animals or refuse.
Iron, steel, brass and copper works.
Junk and rag storage and baling.
Lamp black manufacture.
Lime, cement and plaster of paris manufacture.
Milk bottling or distributing station.
Oil cloth or linoleum manufacture.
Paint, oil, varnish and turpentine manufacture.
Petroleum refining or storage.
Printing ink manufacture.
Raw hides and skins, storage, curing and tanning.
Rubber manufacture from the crude material.
Saw or planing mills.
Shoddy manufacture and wool scouring.
Slaughtering of animals.
Smelting.
Soap manufacture.
Stable for five or more horses.
Starch, glucose or dextrine manufacture.
Stock yards.
Stone and monumental works.
Sugar refining.
Sulphurous, sulphuric, nitric or hydrochloric acid manufacture.
Tallow, grease and lard manufacture and refining.
Tar distillation or manufacture.
Tar roofing or tar waterproofing manufacture.

No building shall be erected and no building or premises shall be used for any trade or industry that is noxious or offensive by reason of the emission of noise, odor, dust, smoke or gas, but car barns or places of amusement shall not be excluded. The superintendent of buildings may, however, permit the erection of a garage or stable in a business district in any portion of a street between two intersecting streets in which there exists a public garage or public stable at the time of the passage of this resolution. The use of buildings or premises for factory purposes shall be prohibited in a business district except that 25 per cent. of the total floor space of a building or space at least equal to the ground area of the building or lot may be so used. The printing of a newspaper shall not be deemed a factory use. No use permitted in a residence district by Section 4 shall be excluded from a business district.

Section 6. Unrestricted districts and undetermined districts: The terms "unrestricted district" and "undetermined district" are used to designate the areas for which no restrictions or regulations in relation to the location of trades and industries and the location of buildings designed for specified uses are provided by this resolution.

ARTICLE II—HEIGHT DISTRICTS.

Section 7. For the purpose of regulating and restricting the height of buildings, the City of New York is hereby divided into five classes of districts, (a) one-times districts, (b) one and one-quarter times districts, (c) one and one-half times districts, (d) two-times districts, (e) two and one-half times districts, as shown on the height district maps which accompany this resolution and are hereby declared to be part hereof. The height district described on said maps are hereby established. The heights of buildings hereafter erected shall in general be limited with relation to the open space on which they face. Except as hereinafter provided, every building hereafter erected shall be so constructed that the street wall shall not exceed in height the limits hereinafter prescribed, and that any other wall or structure or any part of such building or any structure on it shall not exceed the set-back and other provisions hereinafter prescribed.

(a) In a one-times district no building shall be erected on the street line to a height in excess of once the width of the street. Above such height limit on the street line the height of the building may be increased provided that such extended portion set back from the street line in the ratio of one foot horizontally for each two feet of its height above the prescribed height limit on the street line.

(b) In a one and one-quarter times district no building shall be erected on the street line to a height in excess of one and one-quarter times the width of the street. Above such height limit on the street line the height of the building may be increased provided that such extended portion sets back from the street line in the ratio of one foot horizontally for each two and one-half feet of its height above the prescribed height limit.

(c) In a one and on-half times district no building shall be erected on the street line to a height in excess of one and one-half times the width of the street. Above the height limit on the street line the height of the building may be increased provided that such extended portion sets back from the street line in the ratio of one foot horizontally for each three feet of its height above the prescribed height limit.

(d) In a two-times district no building shall be erected on the street line to a height in excess of twice the width of the street. Above the height limit on the street line the height of the building may be increased, provided that such extended portion sets back from the street line in the ratio of one foot horizontally for each four feet of its height above the prescribed height limit.

(e) In a two and one-half times district no building shall be erected on the street line to a height in excess of two and one-half times the width of the street. Above the height limit on the street line, the height of the building may be increased, provided that such extended portion sets back from the street line in the ratio of one foot horizontally for each five feet of its height above the prescribed height limit.

Section 8. Exceptions for all height districts:

(a) In computing the height limit on the street line, a street less than 50 feet wide shall be considered as though it were 50 feet wide and every street or public open space more than 100 feet wide shall be considered to be 100 feet wide.

(b) Along a narrower street where it intersects a wider street, any building or any part of any building fronting on the narrower street within a continuous 100 foot belt back from the side of the wider street shall follow the height regulations provided for the wider street. For each one foot by which such narrower street exceeds 60 feet in width, one and one-half feet may be added to said 100 foot belt.

(c) Above the height limit on the street line dormers and headhouses may be erected on the street line provided that their aggregate frontage length on such street line be not greater than 60 per cent. of the length on such street frontage of the plot and provided that such percentage shall be reduced by one for every foot of height above the height limit on the street line and provided that such percentage may be increased by one at any plane parallel with the street frontage for each four inches that it sets back from the street line.

(d) If the area of the building is reduced so that above a certain level it covers in the aggregate not to exceed 25 per cent. of the area of the lot, the street wall of the building above such level may be excepted from the foregoing provisions, and the street wall may be erected to any height, provided that such wall shall be distant at all points at least 75 feet from the center of the street on which it faces; but for each one per cent. of its full possible length that such street wall is decreased, such wall shall be permitted to be erected four inches nearer to the center of the street.

(e) When there are existing street walls in excess of the limiting heights as above provided within 50 feet of either end of a street wall of a proposed building or directly opposite such wall across the street, the height to which such proposed street wall may rise shall be increased by an amount not to exceed the average excess height of the existing street walls within 50 feet on either side and directly across the street. The average amount of such excess height shall be computed by adding together the excess heights above the prescribed height limit for the street in question of all of the street walls of the existing buildings or parts of existing buildings within the above defined area, and dividing the sum by the total number of buildings within such area.

(f) Nothing in this resolution shall prevent the projection of a cornice beyond the street line to an extent not exceeding five per cent. of the width of the street, nor prevent the erection above the height limit on the street line of a parapet wall or cornice purely for ornament and without windows extending above such height limit not to exceed five per cent. of the latter. Where a cornice or a parapet occurs on a portion of the street wall that sets back from the street line, the mean distance that such portion of the street wall sets back from the street line may be added to the width of the street for the purpose of computing the projection of such cornice or the excess height of such parapet. The provisions of this resolution as to height shall not apply to the erection of church spires, belfries, chimneys, flues or gas holders.

(g) Where more restrictive height provisions would actually be operative for less than 100 feet along a street frontage between two less restricted districts, the more restrictive of the two latter shall conrol over such inervening frontage.

(h) Where 75 per cent. or more of the street wall of a buiiding lies directly opposite to the end of an intersecting street. the height regulations for such street wall shall be determined from the average clear open public space in front of such 75 per cent. or more of such street wall.

(i) Where the street layout actually on the ground varies from the street layout as shown on the Height District map, the designations shown on the mapped streets shall be applied by the building superintendent to the unmapped streets in such a way as to carry out the intent and purpose of the plan for the particular section in question.

ARTICLE III.—AREA DISTRICTS.

Section 9. For the purpose of regulating and restricting the proportion of the lot covered by buildings hereafter erected and the area and dimensions of yards and courts, the City of New York is hereby divided into five classes of area districts, A, B, C, D and E, as shown on the Area District maps which accompany this resolution and are hereby declared to be part hereof. The area districts described on said maps are hereby established. The proportion of the plot covered by buildings hereafter erected shall be regulated as hereinafter specified. In general the depths of yards and the dimensions of courts shall increase proportionately with an increased height of the building and the minimum depths of rear yards shall be proportionate to the depth of the lot.

A Districts: For all buildings, all yards and courts wherever required shall be at least one inch in least dimension for each one foot of height, and for each one foot of length from the closed end.

B Districts: For all buildings, rear yards shall be at least two inches in least dimension for each one foot of height. Outer courts and side yards shall be at least

one inch in least dimension for each one foot of height. Outer courts shall be at least one and one-half inches in least dimension for each one foot of length from the closed end.

C Districts: For all buildings, rear yards shall be at least three inches in least dimension for each one foot of height. Outer courts and side yards shall be at least one and one-half inches in least dimension for each one foot of height. Outer courts shall be at least one and one-half inches in least dimension for each one foot of length from the closed end. On a plot 30 feet or less in average width, outer courts and side yards shall be not less than one inch in least dimension for each one foot of height and inner courts shall be not less than two inches in least dimension for each one foot of height or of equivalent area as specified in Section 12b.

D Districts: The area of a residential building shall not exceed 60 per cent. of the area of an interior lot or 80 per cent. of the area of a corner lot. The depth of a required rear yard for a residential building shall be at least 20 per cent. of the depth of the lot, but in no case need it exceed 20 feet at the base. For all buildings rear yards shall be at least four inches in least dimension for each one foot of height and courts and side yards at least two inches in least dimension for each one foot of height. Outer courts shall be at least two inches in least dimension for each one foot of length from the closed end. On a plot 30 feet or less in average width the least horizontal dimension of outer courts and side yards shall be not less than one and one-half inches horizontally to each one foot of height and outer courts shall be not less than one and one-half inches in least dimension for each one foot of length from the closed end. On such plots inner courts shall be not less than three inches in least dimension for each one foot of height or of equivalent area as specified in Section 12b.

E Districts: On an interior lot the area of a residential building with its porches, wings and accessory buildings shall not exceed, at the curb level, more than 50 per cent. of the area of the lot, nor on a corner lot more than 70 per cent. of the area of the lot, and above a level 18 feet above the curb, the building shall not exceed 30 per cent. of the area of an interior lot or 40 per cent. of the area of a corner lot. For all buildings rear yards shall be at least five inches in least dimension for each one foot of height and courts and side yards at least two and one-half inches in least dimension for each one foot of height except that on lots 50 feet or less in average width courts and side yards shall be at least two inches in least dimension for each one foot of height. For a residential building the depth of a required rear yard shall be at least 25 per cent. of the depth of the lot but in no case need it exceed 25 feet at the base. For a non-residential building the depth of a required rear yard shall be at least 15 per cent. of the depth of the lot, but it need not exceed 15 feet at the base. On at least one side of every residential building there shall be a side yard along the side lot line for the full depth of the lot or back to the prescribed rear yard. Outer courts shall be at least two and one-half inches in least dimension for each one foot of length from the closed end.

Section 10. Percentage of Lot Occupied:

(a) Measurements of lot area for any building shall not include any portion of a street or alley. Any part of the area of a corner lot in excess of 5,000 square feet shall be treated, for the purpose of computing the percentage of the lot that may be occupied, as though it were an interior lot.

(b) The owner or owners of any portion of a D district may, by setting aside perpetually, for the joint recreational use of the residents of such portion, an area equal to ten per cent. of such portion in addition to all other yard and court and percentage requirements for C districts have the right to build under the C district regulations. Such joint recreational space must be at least 40 feet in its least dimension and must contain at least 5,000 square feet and must be approved by the superintendent of buildings as suitable for the joint recreational use of such residents. Subject to similar regulations, the owners of any portion of a C district may have the right to build under the B district regulations.

Section 11. Rear yards: (a) At and above a level 18 feet above the curb of every building hereafter constructed, except for buildings in A districts, there shall be a rear yard opposite every part of a rear wall that is 55 feet or more back from the nearest street and which is back to back with a rear portion, more than 55 feet back from its nearest street, of any other property. Within 55 feet of the nearest street no rear yard or part of a rear yard shall be requied.

(b) In the case of a residential building, on an interior lot, a required rear yard shall extend for its full area down to the curb level, except that the usual accessory buildings not over 18 feet above the curb may cover not over 40 per cent. of the prescribed area of the yard. Except as otherwise provided for Districts D and E, the depth of a required rear yard at its lowest level shall be at least 10 per cent of the depth of the lot but need not exceed 10 feet at such level. Any portion of a required depth of a rear yard in excess of 10 feet shall not be required provided that an equivalent depth be left unoccupied above the curb level, across the whole width of the lot between the street line and the street wall of the building.

(c) When a proposed building is back to back with an existing building or buildings whose rear yards are less than those required in this resolution, the building superintendent may allow the depth of the rear yard in the proposed building to be not less than the average depth of the rear yards directly in the rear, but not above the average height of such buildings.

(d) Where a building on an interior lot between lots for which rear yards are required runs through the block from street to street, or to within 55 feet of another street, it shall leave unoccupied at any height above the ground story an area at least equivalent to that which it would have to leave at such height for both lots in case it were two separate buildings on separate lots back to back.

Section 12. Courts: In every building hereafter constructed in which a room in which persons live, sleep, work or congregate receives its light and air in whole or in part from a court or yard, at least one court or yard having a window opening from such room shall conform to the requirements of this resolution. In a required court or side yard the least horizontal dimension shall be not less than four feet.

(b) When a court is located along a side of a lot, the lot line shall be deemed an enclosure of such court. Where a court opens on a street or public open space, such street or public open space may be considered as part of that court. The least horizontal dimension of an inner court in any given district at any height above the curb shall be not less than that required for a yard, in inches for each foot of height, in the same district at the same height, except that a court of equivalent area may be substituted for such required court, provided that for such area its greatest dimension be not more than twice its least dimension. Corners of prescribed courts may be cut off, provided that the running length of the wall at the angle of the court does not exceed seven feet.

Section 13. Exceptions to Yard and Court Provisions: (a) Every part of a required court or yard shall be opened from its lowest point to the sky unobstructed, except for the ordinary projections of skylights above the bottom of such court or yard and except for the ordinary projections of window sills, belt courses, cornices and other ornamental features to the extent of not more than four inches. Open or lattice enclosed iron fire escapes, fireproof outside stairways or solid-floored balconies to fire towers projecting into the yard or court not more than four feet may be located in the required rear yards or inner courts with the approval of the building department.

(b) With the approval of the building superintendent chimneys or flues may be erected within prescribed yards, provided they do not exceed five square feet in area and do not obstruct light and ventilation.

(c) If more than one building is hereafter placed on any lot, or if any building is placed on the same lot with an existing building, the several buildings may, for the purposes of this resolution, be considered as a single building. Any structure, whether independent or attached to a building, shall, for the purposes of this resolution, be deemed a building or a part of a building. If two or more buildings are erected upon contiguous plots and are to be used as connected parts of a single establishment, the several buildings shall be considered as parts of one building in applying the provisions of this resolution. If one or more buildings not fronting on a street are erected in the rear of another building fronting on the same street, which serves also as the sole access to such rear building, the several buildings shall be considered as parts of one building in applying the provisions of this resolution.

(d) Where the street layout actually on the ground varies from the street layout, as shown on the Area districting map, the designations shown on the mapped streets shall be applied by the building superintendent to the unmapped streets in such a way as to carry out the intent and purpose of the plan for the particular section in question.

(e) Where an area district boundary line divides a plot in a single ownership at the time of passage of this resolution, the area regulations for either portion of the lot shall, with the approval of the building superintendent, extend to the entire plot, but not more than 25 feet beyond the boundary line of the district for which such area regulations are authorized.

(f) With the approval of the building superintendent a single building may be authorized to extend back into a more restricted district under such conditions as will safeguard the character of the more restricted district.

ARTICLE IV—GENERAL AND ADMINISTRATIVE.

Section 14. Existing Buildings and Uses: Nothing herein contained shall require any change in the plans or construction of a building or in its designated use for which a permit has been heretofore approved or plans for which are on file with the building superintendent at the time of the passage of this resolution and a permit therefor is issued within three months of the passage of this resolution and the construction of which is diligently prosecuted within a year of the date of such permit and at least the whole ground story of which shall have been completed within such year and the complete erection of the building as planned shall have been effected within five years from the date of passage of this resolution.

If a structure or building now existing shall hereafter be wholly or in part removed or destroyed whatsoever may be the cause, purpose or manner of its removal or destruction, it shall not be rebuilt or restored unless it conforms with the provisions herein prescribed; but except as otherwise provided in Section 3a, nothing in this resolution shall prevent the restoration of a building or industrial plant which is damaged less than 50 per cent. of its structural parts or the restoration of a wall declared unsafe by the superintendent of buildings. No building now existing or hereafter erected shall be so altered or enlarged as to bring it in violation of any of the provisions of this resolution, nor shall any lot area be so reduced or diminished that the unoccupied areas shall be less than required by this resolution. When additional stories for which plans have not been filed at the time of passage of this resolution are added in the future to existing buildings, the requirements of this resolution as to setbacks shall start at the top of the existing walls, if they are over the prescribed height limit, and the least dimensions of yards or courts shall be computed from the top of the existing yard or court walls as though they were of the prescribed sizes at such heights and the carrying up of existing elevator and stair enclosures shall be exempted from such provisions.

Section 15. Unlawful Use; Certificate of Occupancy: It shall be unlawful to use or permit the use of any building or premises hereafter created, erected, altered, changed or converted wholly or partly in its use until a certificate to the effect that said structure, building, premises or place and the use thereof conforms to all of the requirements of this resolution shall have been issued by the superintendent of buildings of the borough in which said building or premises are located. It shall be the duty of the superintendent of buildings to issue a certificate of use within 20 days after a request for the same shall be filed in his bureau by any owner of a structure, building or premises affected by this resolution, provided said building or premises conforms with all the requirements herein set forth. It is provided, however, that in the case of tenement houses such certificate of occupancy shall be issued by the tenement house commissioner.

Section 16. Enforcement, Legal Procedure, Penalties: This resolution shall be enforced by the tenement house commissioner, the fire commissioner and by the superintendent of buildings in each borough under the rules and regulations of the Board of Standards and Appeals. The superintendent of buildings shall in each borough, enforce the provisions herein contained insofar as such enforcement can be effected through the issue of the building permit and the certificate of occupancy. The fire commissioner shall enforce the provisions herein contained insofar as they relate to the use of buildings or premises. The tenement house commissioner shall, subject to the rules and regulations of the Board of Standards and Appeals, have exclusive jurisdiction to enforce the provisions herein contained in so far as they affect or relate to tenement houses. Any and every violation of the provisions of this resolution or of the rules and regulations adopted thereunder shall subject the owner, agent, contractor, lessee or tenant of a building or premises where such violation has been committed or shall exist, and the agent, architect, builder, contractor, or any other person who has assisted in the commission of such violation or who maintains any building or premises in which such violation exists as to the same legal procedure and the same penalties as are prescribed in any law, statute or ordinance for the violations of the Building Code, and such violations shall be subject to the same legal remedies and prosecuted in the same manner prescribed in any law or ordinance for violations of said Building Code.

Section 17. Rules and Regulations; Modifications of provisions: The Board of Standards and Appeals shall adopt from time to time such rules and regulations as they deem necessary to carry into effect the provisions of this resolution. Under the rules and regulations prescribed by the Board of Standards and Appeals the application in a specific case of the provisions of this resolution may be varied in harmony with its general purpose and intent. Where by the terms of this resolution the superintendent of buildings may approve certain exceptions to the general provisions of this resolution such approval shall be after notice and hearing and appropriate conditions and safeguards may be attached to such approval.

Section 18. Amendments, Alterations and Changes in District Lines; Method Provided: Whenever the owners of 50 per cent. or more of the frontage in any district or part thereof shall present a petition duly signed and acknowledged to the Board of Estimate and Apportionment requesting an amendment, supplement, change or repeal of the regulations prescribed for such district or part thereof, it shall be the duty of this Board to vote upon said petition within 90 days after the filing of the same by the petitioners with the Secretary of this Board. If, however, a protest against such amendment, supplement or change be presented, duly signed and acknowledged by the owners of 20 per cent. or more of the frontage proposed to be altered, or by the owners of the 20 per cent. of the frontage immediately in the rear thereof, or by the owners of 20 per cent. of the frontage directly opposite the frontage proposed to be altered, such amendment shall not be passed except by the unanimous vote of the Board.

Section 19. Interpretation; Purpose: In interpreting and applying the provisions of this resolution, they shall be held to be the minimum requirements adopted for the promotion of the public health, safety, comfort, convenience and general welfare. It is not intended by this resolution to interfere with or abrogate or annul any rules, regulations or permits previously adopted or issued or which shall be adopted or issued pursuant to law by the Fire Department or Health Department, relating to the use of buildings or premises; nor is it intended by this resolution to interfere with or abrogate or annul any easements, covenants, or other agreements between parties; provided, however, that where this resolution imposes a greater restriction upon the use of buildings or premises or upon height of buildings or requires larger open spaces than are imposed or required by such rules, regulations or permits or by such easements, covenants or agreements, the provisions of this resolution shall control.

Section 20. Tenement House Law to Control When: Wherever the provisions of this resolution require larger open spaces and permit less height or less area of the lot to be covered by a building under the jurisdiction of the Tenement House Law than is required by that law, this resolution shall govern, but wherever the provisions of the Tenement House Law, Chapter 99 of the Laws of 1909, require larger open spaces and permit less height or less area of the lot to be covered by a building under its jurisdiction than does this resolution, the Tenement House Law shall govern.

Section 21. When Effective This resolution shall take effect immediately.

(Maps referred to on file.)

The following resolution was offered:

Resolved, that the Committee on the City Plan be authorized to have printed for immediate distribution 600 copies of the final report and accompanying resolution of the Commission on Building Districts and Restrictions, at an expense not to exceed $400; and be it further

Resolved, that the Committee on the City Plan be authorized to prepare for later publication a more complete edition of said report, together with accompanying maps, charts and other supporting data, including an abstract of the testimony taken at the public hearings before the Commission.

Which was adopted by the following vote:

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

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The following resolution was offered:

Whereas, the Commission appointed by the Board of Estimate and Apportionment, pursuant to sections 242a and 242b of the Greater New York Charter, to recommend the boundaries of districts and appropriate regulations to be enforced therein for the purpose of regulating the height of buildings, the area of courts and yards and the uses

of buildings, filed on March 10, 1916, their tentative report and subsequent to said filing held public hearings at which all persons interested who appeared were heard; and

Whereas, said Commission has now filed their Final Report and a proposed resolution regulating the height and bulk of buildings, the area of courts and yards, the location of trades and industries, and the location of buildings designed for specified uses and establishing the boundaries of districts for such purposes; and

Whereas, said sections of the Greater New York Charter provide that after such Final Report this Board shall afford persons interested an opportunity to be heard;

Resolved, that this Board hold a public meeting on Monday, June 19, 1916, at 10:30 a. m., in Room 16, City Hall, at which all those desiring to be heard upon said Final Report and said proposed resolution be given an opportunity to be heard and that a notice of said hearing be published for ten consecutive days in the CITY RECORD.

Which was adopted by the following vote:

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

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The report was referred to the Committee on City Plan.

From the Department of Finance.

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President, Borough of Manhattan—Transfer of Appropriation and Modification of Schedules (Cal. No. 21).

The Secretary presented a communication dated May 2, 1916, from the President of the Borough of Manhattan, requesting a transfer within the appropriation for 1916; and the following report of the Deputy and Acting Comptroller recommending approval thereof and modification of schedules:

May 29, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 2, 1916, the President of the Borough of Manhattan requested transfer within appropriations to his department for the year 1916. The Bureau of Contract Supervision to which this request was referred on May 9, 1916, reports thereon as follows:

"It is proposed to transfer $2,000 from Code No. 424 TS-General Repairs, Care of Public Buildings and Offices, to Code No. 422 TS-General Plant Materials, Care of Public Buildings and Offices.

"The budget allowance for the purchase of General Plant Materials has proven inadequate with the result that the account is now exhausted. This is due to the increased cost of materials and to the fact that repairs and replacements which it was expected to do last year could not be done owing to insufficiency of funds, and consequently had to be carried over and charged to this year's appropriation. Requisitions in the amount of $413.66 for necessary materials, such as copper cable, bolts, galvanized iron pipe, electrolier joints, and electrical materials for the rapair of fans await this transfer. The balance of the transfer is for the purpose of providing for additional requirements during the remainder of the year.

"A sufficient unencumbered balance remains in account No. 424 TS-1, to permit of the debit transfer."

I recommend the adoption of the attached resolution granting the request, and modifying the schedules involved. Respectfully,

ALEX. BROUGH, Deputy and Acting 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 1916, as follows:

FROM

General Repairs.

424TS-I	Care of Public Buildings and Offices	$2,000 00

TO

General Plant Materials.

422TS-A	Care of Public Buildings and Offices	$2,000 00

Which was adopted by the following vote:

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

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Manhattan for the year 1916, as follows:

Materials.

422TS	General Plant Materials—	
	Care of Public Buildings and Offices	$5,100 00
	Care of Municipal Building	500 00
	Asphalt Plant	2,844 00
	Total General Plant Materials	$8,444 00
	Tax Levy Allowance	$8,160 00
	Special and Trust Fund Allowance	284 00
	Total Allowance	$8,444 00

Contract or Open Order Service.

424TS	General Repairs—	
	Administration and Public Works	$400 00
	Care of Highways—	
	Roadways, Viaducts and Stone Pavements	700 00
	Pavements Other Than Stone—	
	General	*32,500 00
	Due to Fire Burns	2,000 00
	Due to Unknown Causes	11,000 00
	Due to Cuts Made by the Department of Water Supply, Gas and Electricity	13,000 00
	Sidewalks in Front of City Property	500 00
	Care of Sewers	21,830 00
	Care of Public Buildings and Offices (80% to be expended according to schedules to be approved by the Board of Estimate and Apportionment on or before January 1, 1916)	**35,100 00
	Asphalt Plant	1,850 00
	Total General Repairs	$118,880 00
	Tax Levy Allowance	$113,958 00
	Special and Trust Fund Allowance	*4,222 00
	Special Revenue Bond Allowance	**700 00
	Total Allowance	$118,880 00

Which was adopted by the following vote:

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

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Department of Water Supply, Gas and Electricity—Appropriation from Water Revenues and Modification of Schedules (Cal. No. 22).

The Secretary presented a communication dated May 17, 1916, from the Commissioner of Water Supply, Gas and Electricity, requesting an appropriation of $1,600 from the Brooklyn Water Revenues for the purchase of three Ford automobiles; and the following report of the Deputy and Acting Comptroller recommending approval thereof; and modification of schedules:

May 23, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 17, 1916, the Commissioner of Water Supply, Gas and Electricity requested that $1,600 be set aside from Brooklyn Water Revenue and credited to the 1916 budget account 2232, S-722, for the purchase of three Ford automobiles with special bodies for the use of the repair companies in Brooklyn.

The Bureau of Contract Supervision to which this request was referred on May 20, 1916, reports as follows:

"In preparing the 1916 tax budget, it was determined that there would be needed by the Department of Water Supply during 1916, additional Ford cars to the extent of seven for Manhattan and seven for Brooklyn, but on account of assurance that the Central Garage would be able to turn over fourteen cars to the Department of Water Supply, no allowance was made in the budget for new cars.

"The Central Garage now states that six of the Ford cars that were counted on are not available, because the Police Department Service has been eliminated from the proposed Central Garage plan, and that the seven Ford cars which have been turned over to the Water Department in Manhattan are all that can be transferred.

"The Department of Water Supply has retained three cars which were to have been turned in to the Central Garage and therefore is short only four of the number arranged for in preparation of the budget.

"The present request is for two Ford cars of the runabout type with box bodies and one with a special eight foot body to be used as a truck.

"The estimated cost is reasonable."

I recommend the adoption of the attached resolutions, one granting the request and the other modifying the schedule affected. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of subdivision 1 of section 242 of the Greater New York Charter, hereby appropriates from the water revenues received in the Borough of Brooklyn, during the year 1916, the sum of sixteen hundred dollars ($1,600) for the use of the Department of Water Supply, Gas and Electricity in the maintenance, improvement and extension of the water supply system in the Borough of Brooklyn, during the year 1916; said appropriation to be in addition to all appropriations heretofore made for said purpose and to be administered in connection with the 1916 budget schedule entitled, "Department of Water Supply, Gas and Electricity, Purchase of Equipment, Motor Vehicles and Equipment, 2232TW, Water Supply."

Which was adopted by the following vote:

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

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Department of Water Supply, Gas and Electricity for the year 1916, as follows:

Purchase of Equipment, Motor Vehicles and Equipment.

2232TW	Water Supply	$35,425 00
	Tax Levy Allowance	$26,073 00
	Water Revenue Allowance	9,352 00

Which was adopted by the following vote:

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

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Police Department—Modification of Schedule (Cal. No. 23).

The Secretary presented a communication dated May 17. 1916, from the Police Commissioner, requesting modification of schedule for 1916; and the following report of the Deputy and Acting Comptroller recommending approval thereof:

May 27, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 17, 1916, the Police Commissioner requested a modification of a schedule supporting an appropriation of $68,000 for telephone service for the year 1916. This request was referred to the Bureau of Contract Supervision on May 18, 1916, which bureau reports thereon as follows:

"The purpose of the present request is to reduce the specific appropriation for the "Installation and Extension of Patrol Signal Box System and Extension of Signal Light System" from $18,000 to $10,000, and to increase the appropriation for "Telephone Service" from $50,000 to $58,000. These two items are included in Code 1630.

"During the year 1915, there has been a decided increase in the cost of telephone service in this department. The contract registered in 1915 for this purpose amounted to $42,306.32. From time to time this contract was amplified to include additional service. Although the contract registered in the early part of the year amounted to $42,306.32, the added service increased the total cost for the year to $56,758.52. There were a number of small telephone bills paid out of another account which are not included in this figure.

"The present requested modification of the schedule for Code 1630 will permit the registration of a contract with the New York Telephone Company for the year 1916, which amounts to $57,803.07. It is probable that this amount will be further increased, as there is now being installed additional equipment of the signal light system which will require an additional sum for operation.

"The following is a statement comparing the contract entered into in 1915 with the proposed contract for 1916:

	Comparative Statement of Telephone Contracts.		
	1915.	1916.	Increase.
Additional local messages and equipment	$14,626 80	$15,513 00	$886 20
Exchange line service for police booths, offices, residences and branch detectives bureaus	5,997 00	9,231 50	3,234 50
Signal System	35,646 45	50,572 58	14,926 13
Leased Lines	138 18	147 18	9 00
	$56,408 43	$75,464 26	$19,055 83
Less 25 per cent. discount	14,102 11	18,866 07	4,763 96
Amount of Contract	$42,306 32	$56,598 19	$14,291 87

"It is stated that the principal item of increase, which is for the signal system, is due to the installation of 98 flashlight stations in the 26th and 29th precincts, and at all bridges, ferries and railroad terminals, also one flashlight station in the 278th precinct, Queens. These flashlight stations are supplied with separate and direct line, instead of party lines, causing a considerable increase in the mileage of the leased lines. This system also requires the installation of additional station house and street box equipment. The patrol box system, which is on the Exchange Line Service, uses party lines. There are as many as eight such boxes on one line circuit.

"The increase in the exchange line service for police booths, patrol boxes, offices, residences and branch detective bureaus of $3,234.50, is due to the fact that there have been installed 78 additional telephones at these places; and also that the installation of the signal box system has been extended to the 33rd precinct (Central Park); 77th precinct, The Bronx; 167th precinct and 107th precinct, Brooklyn; 278th precinct, Queens, and the 89th precinct, Richmond.

"The increase for additional local messages is based on last year's usage. The cost for this service will be the same under this contract as it would be if a contract for a lesser number of calls were made, as payment is based upon the actual number of calls used.

"The signal light system has many advantages over the old patrol box system. This system provides means whereby patrolmen in whose district this system has been installed can be controlled from headquarters or the local station house to which the light is connected; it can also be used by policemen whose posts are in the vicinity of the light. The patrol box which is usually on a party line, does not possess this advantage; it provides merely for communication with the station

house. The use of the signal light obviates the necessity for the peg post, and at the same time gives the department control over the men while on patrol.

"As the request of the Commissioner is to permit the registration of a contract to meet present conditions, it appears advisable to grant the request."

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

Respectfully, ALEX. BROUGH, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Police Department for the year 1916, as follows:

Contract or Open Order Service, Communication.

1630	Telephone Service—	
	Telephone Service	$58,000 00
	Installation and Extension of Patrol Signal Box System	10,000 00
	Total Telephone Service	$68,000 00

Which was adopted by the following vote:

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

Department of Parks, Borough of The Bronx—Transfer of Appropriation (Cal. No. 24).

The Secretary presented a communication dated May 15, 1916, from the Commissioner of Parks, Borough of The Bronx, requesting a transfer within the appropriation for 1916; and the following report of the Deputy and Acting Comptroller recommending approval thereof:

May 29, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 15, 1916, the Commissioner of Parks, Borough of The Bronx, requested transfer within the appropriations made for said department for the year 1916, as follows:

FROM

Contract or Open Order Service.

1234	General Repairs	$1,500 00

TO

Supplies.

1219	Forage and Veterinary Supplies	$20 00

Materials.

1230	Highway Materials	1,080 00
1233	General Plant Materials	328 00

Contract or Open Order Service.

1236	Shoeing and Boarding Horses, including veterinary service	72 00
		$1,500 00

The Bureau of Contract Supervision, to which the request was referred on May 17, 1916, reports thereon as follows:

"There was $1,500 allowed in 'Code 1234, General Repairs,' 1916, for making necessary repairs, by contract, on a portion of the Eastern Boulevard, on which the guarantee expired in November, 1915. The amount was based on the cost of repairs on this roadway during a previous year.

"Over eleven hundred holes developed in this pavement between November, 1915, and April, 1916, and the pavement showed such evidence of disintegration that the $1,500 allowed would be entirely inadequate for any sort of maintenance by contract.

"It will probably be necessary to repave this street next year. Meanwhile, it is probable that, by filling the holes with three-quarter inch stone and an asphalt binder, and by giving the entire surface a coat of tarvia and grits, all by departmental labor, the surface can be kept in safe and usable condition during 1916.

"The proposed transfer of $1,080 to Code 1230, Highway Materials, is for the purpose of purchasing the tarvia and asphalt binder. The unencumbered balance in account 1230 is at this date $86.98.

"The proposed transfer of $20 to Code 1219, Forage and Veterinary Supplies, is necessary due to an increase in the cost of forage over the unit prices on which the 1916 budget allowance was based. Entire balance turned over to Central Purchasing Committee.

"The proposed transfer of $328 to 1233, General Plant Materials, is for the purpose of purchasing fencing material. Since the 1916 budget was prepared, seven small triangles and plots have been turned over to the department by the Borough President, and experience indicates that the cost of fencing these plots with electrically welded wire, to prevent paper blowing over them from the adjoining streets, is more than made up in the saving in the labor of keeping them clean. The present unencumbered balance of $111.36 will also be used on this work.

"The proposed transfer of $72 to Code 1236, Shoeing and Boarding Horses, including Veterinary Service, is made necessary by the fact that while the department agreed at the time of preparation of the 1916 budget to get rid of two of their horses, if allowance was made for an automobile to be used as a supply wagon, the Department found it necessary, owing to the unusually large amount of snow removal work required during the past winter, to use a greater number of hired teams that had been anticipated. These two horses have therefore been retained to provide for the deficiency in team hire caused by the above. The $72 is required for the shoeing of these two horses.

"There is sufficient unencumbered balance in account 1234 to permit the transfer."

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

Respectfully, ALEX. BROUGH, Deputy and Acting 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 Parks, Borough of The Bronx, for the year 1916, as follows:

FROM

Contract or Open Order Service.

1234	General Repairs	$1,500 00

TO

Supplies.

1219	Forage and Veterinary Supplies	$20 00

Materials.

1230	Highway Materials	1,080 00
1233	General Plant Materials	328 00

Contract or Open Order Service.

1236	Shoeing and Boarding Horses, including veterinary service	72 00
		$1,500 00

Which was adopted by the following vote:

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

Department of Street Cleaning—Transfer of Appropriation and Modification of Schedules (Cal. No. 25).

The Secretary presented a communication dated May 16, 1916, from the Commissioner of Street Cleaning requesting a transfer within the appropriation for 1915; and the following report of the Deputy and Acting Comptroller recommending approval thereof and modification of schedules:

May 29, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 16, 1916, the Commissioner of Street Cleaning requested a further revision of schedules and the transfer of $1,056.68 within the appropriation made to his department for the year 1915, to enable the Department to liquidate all outstanding obligations and close the books for the year 1915.

The Bureau of Contract Supervision, to which this request was referred on May 18, 1916, reports thereon as follows:

"The accounts to which it is proposed to transfer additional funds, the amounts requested and the reasons for the transfers, are as follows:

"Account 2365, Forage and Veterinary Supplies, $975.69—

"The original appropriation to this account has been increased by transfers amounting to $37,532.89, and by $205,000 in special revenue bonds. The issue of special revenue bonds, and part of the amount transferred was made necessary by reason of the abnormal cost of forage in 1915.

"The proposed transfer is to be applied to the reduction of the issue of special revenue bonds, in cordance with an agreement made, between the Board of Estimate and Apportionment and the Commissioner of Street Cleaning, at the time the issue was authorized.

"Account 2372, $0.36; Account 2383, $2.49; Account 2393, $1.70; Account 2401, $2.54—

"The transfers of these nominal amounts, aggregating $7.09, are necessary to enable the Department to adjust the four accounts.

"Account 2396, Hire of Horses and Vehicles with Drivers, The Bronx, $63.94—

"The original appropriation to this amount, $5,000, was increased on December 17, 1915, by the transfer of $1,374.40, from similar accounts in the other boroughs. The additional amount is required for the hire of additional horses and vehicles with drivers employed in the collection of house waste in the Borough of The Bronx.

"Account 2415, Contingencies, $10.00—

"This amount is required for the rental of a piano used in the Street Cleaning Exhibit. The account is now eexhausted."

I recommend the adoption of the attached resolutions granting the request of the Commissioner of Street Cleaning and modifying certain of the schedules involved.

Respectfully, ALEX. BROUGH, Deputy and Acting 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 Street Cleaning for the year 1915, as follows:

FROM

Supplies.

2364	Food Supplies (Meal Money)	$1 30
2366	Fuel Supplies	41 02
2370	Office Supplies	22 05
2371	Motor Vehicle Supplies	29 10

Purchase of Equipment.

2373	Office Equipment	24 42
2375	Motorless Vehicles and Equipment	12 50
	Motor Vehicles and Equipment—	
2376	General Administration	6 75
	Borough Administration—	
2377	Manhattan	100 00
2380	Carting and Stables	9 83
2381	General Plant Equipment	438 76

Materials.

2382	Building Materials	75 34
2384	General Plant Materials	13 93

Contract or Open Order Service.

	General Repairs—	
2385	General Administration	3 30
	Maintenance of Buildings and Equipment—	
2386	Manhattan	56 35
2387	Brooklyn	120 00
2388	The Bronx	16 86
	Light, Heat and Power, Maintenance of Buildings and Equipment—	
2394	The Bronx	14 82
	Transportation, Carfare, Borough Administration—	
2402	Manhattan	8 10
2403	Brooklyn	8 50
2404	The Bronx	4 05
2405	Communication	11 21
	General Plant Service—	
2407	Maintenance of Buildings and Equipment, Final Disposition	8 49
2409	Manhattan	30 00
		$1,056 68

TO

Supplies.

2365	Forage and Veterinary Supplies	$975 69
2372	General Plant Supplies	36

Materials.

2383	Motor Vehicle Materials	2 49

Contract or Open Order Service.

	Light, Heat and Power, Maintenance of Buildings and Equipment—	
2393	Manhattan	1 70
	Transportation, Hire of Horses and Vehicles with Drivers, Carting and Stables—	
2396	The Bronx	63 90
	Carfare—	
2401	General Administration	2 54
2415	Contingencies	10 00
		$1,056 68

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Street Cleaning for the year 1915, as follows:

Supplies.

2365	Forage and Veterinary Supplies, Carting and Stables—	
	Manhattan—	
	Tax Levy Allowance	$243,500 25
	Special Revenue Bond Fund Allowance	108,001 38
	Total Allowance	$351,510 63
	Brooklyn—	
	Tax Levy Allowance	$175,392 74
	Special Revenue Bond Fund Allowance	83,003 28
	Total Allowance	$258,396 02
	The Bronx—	
	Tax Levy Allowance	$66,786 34
	Special Revenue Bond Fund Allowance	13,995 34
	Total Allowance	$80,781 68
	Total Tax Levy Allowance	$485,688 33
	Total Special Revenue Bond Fund Allowance	205,000 00
	Total Allowance	$690,688 33
2371	Motor Vehicle Supplies—	
	General Administration	$656 49
	Borough Administration—	
	Manhattan	323 29
	Brooklyn	357 85
	The Bronx	361 19
	Carting and Stables—	
	Manhattan	3,472 13

	Brooklyn	641 78
	The Bronx	727 59
	Total Motor Vehicle Supplies	$6,540 32
2372	General Plant Supplies—	
	Manhattan	$1,969 83
	Brooklyn	1,528 92
	The Bronx	452 83
	Total General Plant Supplies	$3,951 58

Purchase of Equipment.

2375	Motorless Vehicles and Equipment, Carting and Stables—	
	Manhattan—	
	Tax Levy Allowance	$33,953 91
	Special Revenue Bond Fund Allowance	10,846 35
	Total Allowance	$44,800 26
	Brooklyn	$27,368 95
	The Bronx	8,432 77
	Total Tax Levy Allowance	$69,755 63
	Total Special Revenue Bond Fund Allowance	10,846 35
	Total Allowance	$80,601 98
2381	General Plant Equipment—	
	Manhattan	$45,805 01
	Brooklyn	19,125 39
	The Bronx	6,688 97
	Total General Plant Equipment	$71,619 37

Which was adopted by the following vote:

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

Public Service Commission for the First District—Approval of Agreement Modifying Contract with Cooper and Evans Company Relative to Construction of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad (Cal. No. 26).

The Secretary presented the following communication and resolution from the Public Service Commission for the First District, together with agreement modifying contract with Cooper and Evans Company; and report of the Deputy and Acting Comptroller relative thereto:

State of New York, Public Service Commission for the First District, 120 Broadway, New York, May 25, 1916.

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

The Public Service Commission for the First District transmits herewith for your approval a proposed agreement modifying the contract between The City of New York, Interborough Rapid Transit Company and Cooper & Evans Company for the construction of Section No. 2 of the Jerome Avenue Line (Route No. 16), so as to provide for the return to the contractor of one hundred thousand dollars ($100,000) of the moneys reserved and retained as additional security in pursuance of the provisions of said contract. In consideration of such payment it is provided in the proposed agreement that the contractor shall deposit with the Comptroller a bond in the sum of fifty thousand dollars ($50,000), and that the contractor waives all claims for damages by reason of delay on the part of the City or the Commission.

The work under said contract is practically completed and it is thought advisable to make this advance payment to the contractor in anticipation of the certification of the final estimate.

The Public Service Commission for the First District therefore requests your Honorable Board to consent to said proposed agreement.

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 25th day of May, 1916.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, by HENRY W. HODGE, Acting Chairman.

(Seal.)

Attest: JAMES B. WALKER, Secretary.

Resolved, That this Commission do and hereby does approve the proposed agreement modifying the contract dated April 1, 1914, between The City of New York, acting by this Commission, and Cooper & Evans Company for the construction of Section No. 2 of the Jerome Avenue Elevated Line (Route No. 16), so as to provide for the return to the contractor of $100,000 of the moneys reserved and retained as additional security pursuant to the provisions of said contract, and that the Chairman and Secretary be and hereby are authorized to transmit said proposed agreement to the Board of Estimate and Apportionment for its approval and to execute and deliver said proposed agreement in such form when so consented to.

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

I, James B. Walker, 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 May 25, 1916, 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 25th day of May, 1916.

(Seal.) JAMES B. WALKER, Secretary.

Agreement made this day of , 1916, between The City of New York (hereinafter referred to as the "City"), acting by the Public Service Commission for the First District (hereinafter referred to as the "Commission"), party of the first part, Interborough Rapid Transit Company, a domestic corporation (hereinafter referred to as the "Company"), party of the second part and Cooper & Evans Company, a domestic corporation, (hereinafter referred to as the "Contractor"), party of the third part.

Whereas, heretofore and on or about the 3rd day of April, 1914, the City, acting by the Commission, and the Company, entered into a contract with the Contractor for the construction by the Contractor of a part of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad (Route No. 16 Jerome Avenue, Section No. 2) in the Borough of The Bronx, City of New York.

Beginning at a point in Jerome Avenue, in the Borough of The Bronx, about forty-five (45) feet north of the northerly building line of East 182nd Street and extending thence northerly along and over Jerome Avenue to a point near East 198th Street, thence through property owned by the City to a point in Jerome Avenue near East 204th Street, thence along and over Jerome Avenue to a point near the southerly building line of Woodlawn Road.

—which portion of said rapid transit railroad is hereinafter referred to as the "Railroad" and which contract as heretofore modified is hereinafter referred to as the "Contract"; and

Whereas, as security for the faithful performance of its obligations under the Contract the Contractor deposited with the Comptroller of the City a bond in the sum of One hundred thousand dollars ($100,000), and upon which bond there are now sureties as follows: National Surety Company, Massachusetts Bonding & Insurance Company and Globe Indemnity Company; and

Whereas the Contract provides that the City shall pay to the Contractor from time to time as the work progresses eighty-five (85) or ninety (90) per centum of the value of the work done and the materials furnished as estimated by the Chief Engineer of the Commission and shall reserve and retain as additional security the remaining fifteen (15) or ten (10) per centum thereof and the amount so reserved and retained by the City from said partial payments heretofore made to the Contractor is One hundred and forty-five thousand five hundred and fifty-nine dollars ($145,559); and

Whereas, the Contractor under the provisions of Article XXXIII of the contract has deposited with the Comptroller of the City corporate stock bonds of The City of New York of the par value of Fifty thousand dollars ($50,000) in lieu of the sum of Forty-nine thousand five hundred dollars ($49,500) of moneys reserved and retained as aforesaid; and

Whereas, the Contract provides that said money so reserved and retained from partial payments as provided in the Contract shall be paid only as part of the final payment, which final payment under the terms and conditions of the Contract is to be made on or before the expiration of ninety (90) days after the complete performance of the Contract on the part of the Contractor and the filing of a certificate of the completion and acceptance of the work in the office of the Comptroller of the City signed by the Chief Engineer of the Commission and the Commission; and

Whereas, the construction of the Railroad embraced in the Contract is substantially completed; and

Whereas, The Contractor in view of the foregoing has requested the City to pay to it a portion of the moneys so reserved and retained from the partial payments heretofore made to the contractor under the Contract; and

Whereas the City is willing to pay the Contractor the sum of One hundred thousand dollars ($100,000) as a portion of the moneys reserved and retained from partial payments heretofore made to the Contractor under the Contract but only upon and in consideration of the conditions hereinafter referred to; and

Whereas the Contract provides that no change shall be made therein except by written instrument duly authorized by the Commission and consented to by the Contractor and the sureties upon its bond;

Now therefore in consideration of the premises and of the mutual stipulations hereinafter contained it is agreed that the Contract be and hereby is modified as follows:

First: The City shall pay to the Contractor on or before the expiration of thirty (30) days from the delivery of this agreement One hundred thousand dollars ($100,000) of the moneys reserved and retained as additional security pursuant to the provisions of the Contract by returning to the Contractor corporate stock of The City of New York of the par value of Fifty thousand dollars ($50,000) deposited with the Comptroller by the Contractor in lieu of Forty-nine thousand five hundred dollars ($49,500) of such moneys reserved and retained, and by paying to the Contractor the balance of said sum of One hundred thousand dollars ($100,000) to be returned by this agreement in cash.

The Contractor shall as a condition precedent of receiving said payment file with the Comptroller of the City a bond to the City in the sum of Fifty thousand dollars ($50,000) in the form hereto annexed entitled "Form of Bond" executed and acknowledged by the Contractor and by two or more sureties to be corporations or persons approved by the Commission conditioned for the faithful performance of the Contract, including the indemnification of the City against all liens or claims of whatsoever character. In case any lien shall be filed for work done or materials furnished toward the performance or completion of the Contract prior to said payment to the Contractor, the Contractor shall also as a condition precedent of receiving said payment cause said lien or liens to be discharged.

The Contractor for itself and its successors and assigns, in consideration of said agreement on the part of the City to make said return, does hereby release and forever discharge the City from any and all claims for damages of whatsoever character arising from or due to any delay of the City or the Commission or any of their representatives or agents or any other person relating to or affecting the work under the Contract.

Except as expressly provided herein the Contract and all the provisions thereof shall remain in all respects unchanged and in full force and effect.

No member of the Commission shall be liable personally under or by reason of this agreement or any of its provisions.

This agreement shall bind the parties hereto and their respective successors and assigns.

Provided however, that this agreement shall take effect if and when and only when it shall have been consented to by National Surety Company, Massachusetts Bonding & Insurance Company and Globe Indemnity Company in the form subjoined.

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 and Interborough Rapid Transit Company has caused its corporate seal to be hereto affixed and attested by its Secretary and these presents to be signed by its President, and Cooper & Evans Company has caused its corporate seal to be hereunto affixed and attested by its Secretary and these presents to be signed by its President all the day and year first above written.

THE CITY OF NEW YORK, acting by the Public Service Commission for the First District, by ....., Chairman.

Attest: ....., Secretary.

INTERBOROUGH RAPID TRANSIT COMPANY, by.....President.

Attest: ....., Secretary.

COOPER & EVANS COMPANY, by .....President.

Attest: ....., Secretary.

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

On this day of , 1916, before me personally appeared Oscar S. Straus, the Chairman, and James B. Walker, the Secretary of the Public Service Commission for the First District, to me known, who being by me first duly sworn did depose and say, each for himself and not the one for the other, the said Oscar S. Straus that he resides in the Borough of Manhattan, in the City of New York; that he is the Chairman of the Public Service Commission for the First District and that he subscribed his name to the foregoing instrument by virtue of the authority thereof; and the said James B. Walker that he resides in Pelham Manor, County of Westchester 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 Oscar S. Straus and the said James B. Walker that they know the seal of the said Commission, that the seal affixed to the foregoing instrument is such seal and that it was so affixed by the authority of said Commission and of a resolution duly adopted by the same and that they signed their names thereto by like authority.

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

On this day of May, 1916, before me personally appeared , to me known, who being by me first duly sworn, did depose and say, that he resides in , in the State of ; that he is the President of the Interborough Rapid Transit Company, the corporation described in and which executed the foregoing consent; that he knows the corporate seal of said corporation; that one of the seals affixed to said consent is such corporate seal, and that it was affixed thereto by order of the Board of Directors of said corporation, and that he signed his name thereto by like authority.

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

On this day of May, 1916, before me personally appeared , to me known, who, being by me first duly sworn, did depose and say, that he resides in , in the State of ; that he is the President of Cooper & Evans Company, the corporation described in and which executed the foregoing instrument; that he knows the corporate seal of said corporation; that one of the seals affixed to said instrument is such corporate seal, and that it was affixed thereto by order of the Board of Directors of said corporation, and that he signed his name thereto by like authority.

Approval of Corporation Counsel.

The foregoing agreement is hereby approved as to form.

Dated, New York, May , 1916.

.....Corporation Counsel.

Consent of Sureties.

The undersigned, being the sureties on the bond of Cooper & Evans Company in the sum of One hundred thousand dollars ($100,000), hereby consent to the making of the foregoing instrument.

Dated, New York, May , 1916.

NATIONAL SURETY COMPANY, by.....

Attest: .....

MASSACHUSETTS BONDING & INSURANCE COMPANY, by.....

.....

Attest: .....

GLOBE INDEMNITY COMPANY, by.....

Attest: .....

Know all men by these presents that Cooper & Evans Company of New York (hereinafter called the "Contractor"), and

and

(hereinafter called the "Sureties") are held and firmly bound unto The City of New York (hereinafter called the "City") in the sum of Fifty thousand dollars ($50,000) lawful money of the United States of America to be paid to the City, for which pay-

ment well and truly to be made the Contractor and the Sureties do hereby bind themselves and their and each of their heirs, 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 Fifty thousand dollars ($50,000) and each of said Sureties to be so held and bound only for a portion of said sum as follows: The said in the sum of Twenty-five thousand dollars ($25,000), and the said in the sum of Twenty-five thousand dollars ($25,000).

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 , 1916.

Whereas the City, acting by the Public Service Commission for the First District (hereinafter called the "Commission"), heretofore entered into a contract dated April 1, 1914, with the Contractor for the construction by the Contractor of a section of a proposed rapid transit railroad in the Borough of The Bronx in the City of New York known as Section No. 2 of the Jerome Avenue Line (Route No. 16); and

Whereas the City and the Contractor have entered into an agreement modifying said contract so as to provide for the return to the Contractor of a portion of the money reserved and retained as additional security pursuant to the terms of said contract, and said agreement provides that as a condition precedent of such return this bond shall be given to the City, and the City is about to make such return upon condition and not otherwise that this bond shall be given to the City and upon the faith hereof, which contract as modified by said agreement is hereinafter referred to as the "Contract."

Now therefore the condition of the foregoing obligation is such that if the Contractor shall faithfully perform the Contract and shall as part of its obligation indemnify and save harmless the City from any and all loss, damage and expense to which the City may be put, or which it may incur or suffer, by reason of any liens (including liens for the performance of work or the furnishing of material) or claims of whatsoever character on account of or relating to or affecting the Contract or the work under the Contract, then this obligation shall be null and void, but else it shall remain in full force and virtue.

It is expressly agreed that this bond shall be security to the City for all the matters and things for which said money and corporate stock to be returned by the City is or, if retained, would be security.

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 every and any 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 to 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 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.

And whereas the Contractor heretofore gave to the City a bond in the sum of One hundred thousand dollars ($100,000) as security for the faithful performance of the Contract.

Now therefore it is further expressly agreed between the City and the Sureties that in case of any default by the Contractor against which this bond is given as security, the City may proceed upon this bond or upon said bond heretofore given or upon both said bonds as it may elect.

June 1, 1916.

To the Honorable Board of Estimate and Apportionment:

Gentlemen—On May 25th, 1916, the Public Service Commission for the First District submitted a proposed agreement for approval modifying the terms of a contract dated April 1st, 1914, with Cooper and Evans Company, for the construction of a part of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad (Route 16, Jerome Avenue, Section No. 2), in the Borough of The Bronx, providing for The City to pay to the Contractor on or before the expiration of thirty (30) days from the delivery of the proposed agreement One hundred thousand dollars ($100,000) of the moneys reserved and retained as additional security pursuant to the provisions of the Contract by returning to the Contractor corporate stock of The City of New York of the par value of Fifty thousand dollars ($50,000) deposited with the Comptroller by the Contractor in lieu of Forty-nine thousand five hundred dollars ($49,500) of such moneys reserved and retained, and by paying to the Contractor the balance of said sum of One hundred thousand dollars ($100,000) to be returned in cash, upon condition that the Contractor deposit with the Comptroller, a bond in the sum of $50,000, and waive all claims for damages by reason of delays on the part of The City.

Pursuant to Article XXXVII of the Contract The City is to pay 5% of the cost of the work and the Interborough Rapid Transit Company 95% of the cost. The Company's liability is limited to $1,022,989.45, being 95% of the estimated cost ($1,076,831.00) of the work.

The following amount has been certified by the Public Service Commission as earned:

Regular work	$1,089,720 74
Under Article XII	12,675 56
	$1,102,396 30

Exclusive of payments made on account of retained percentages, as provided for in Article XXXIII of the Contract, the statement of the account stands:

Paid by the City on progress payments	$47,813 09
Paid by the Company on progress payments	908,449 21
Retained percentage	146,134 00
	$1,102,396 30

The Contractor has availed itself of the provisions of Article XXXIII of the Contract and deposited with the Comptroller corporate stock of The City of New York in the sum of $50,000 for payments amounting to $49,500 of the total retained percentage of $146,134, the City paying $2,475 and the Interborough Rapid Transit Company $47,025, which, added to the $908,449.21, paid by the Company during the progress of the work, makes a total of $955,474.21, or $67,515.24 less than the full obligation ($1,022,989.45) of the Company under the provisions of the Contract.

The purport of the proposed agreement is that the City will release corporate stock in the sum of $50,000, deposited in lieu of cash payments of $49,500 of the retained percentage, the Interborough Rapid Transit Company to pay $47,975 and the City to pay $2,525, making a full cash payment of $100,000 of the retained percentage money ($146,134) held to date, upon condition that the Cooper and Evans Company will waive all claims against the City for delays and give an additional bond in the sum of $50,000.

The Contract has been substantially completed for at least two months. It is estimated that there remains not over $100 worth of work to be done. There is, however, approximately $5,500 worth of work which has been done but not certified to.

A lien has been filed by a sub-contractor but this has been bonded by the Contractor.

If the terms of the proposed agreement are carried out the City will have the following as a security for the completion of the Contract:

Additional bond		$50,000 00
Original security bond for the faithful performance of the Contract		100 000 00
Corporate stock for guarantee for painting of structure		5,000 00
Retained percentage	$146,134 00	
Released by agreement	100,000 00	
		46,134 00

In view of the condition of the work the release by the Contractor of all claims for delays and the security that the City retains, I recommended the adoption of the attached resolution approving of and consenting to the proposed agreement.

Respectfully, ALEX. BROUGH, Deputy and Acting Comptroller.

The following was offered:

Whereas, On May 25, 1916, the Public Service Commission for the First District transmitted for approval by the Board of Estimate and Apportionment a proposed agreement modifying the Contract dated April 1, 1914, with Cooper and Evans Company for the construction of a part of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad, Route 16, Jerome Avenue, Section No. 2, in the Borough of The Bronx, providing for payment by the City to the Contractor on or before the expiration of the thirty (30) days from the delivery of the proposed agreement one hundred thousand dollars ($100,000) of the moneys reserved and retained as additional security, pursuant to the provisions of the Contract, by returning to the Contractor the corporate stock of The City of New York of the par value of fifty thousand dollars ($50,000) deposited with the Comptroller by the Contractor in lieu of forty-nine thousand five hundred dollars ($49,500) of such moneys reserved and retained and by paying to the Contractor the balance of said sum of one hundred thousand dollars ($100,000) to be returned in cash, upon condition that the Contractor deposit with the Comptroller a bond in the sum of fifty thousand dollars ($50,000) and will release and forever discharge the City from any and all claims for damages of whatsoever character arising from or due to any delay of the City or the Commission, or any of their representatives or agents, or any other person relatin; to or affecting the work under the Contract; all other provisions of the Contract to remain in all respects unchanged and in full force and effect; therefore, be it

Resolved, That the Board of Estimate and Apportionment hereby approves of and consents to the proposed agreement as approved by the Public Service Commission for the First District on May 25, 1916, to be entered into by the Public Service Commission for the First District, the Interborough Rapid Transit Company and Cooper and Evans Company, as Contractor, in modification of the Contract dated April 1, 1914, for the construction of a part of the Seventh Avenue-Lexington Avenue Rapid Transit Railroad, Route 16, Jerome Avenue, Section No. 2, in the Borough of The Bronx, as generally set forth in the preamble to this resolution, and more specifically in the certified copy of the proposed agreement on file in the office of the Secretary of the Board of Estimate and Apportionment.

Which was adopted by the following vote:

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

Public Service Commission for the First District—Consent to Award of Contract with Snare and Triest Company for Work in Connection with Construction of the Broadway-Fourth Avenue Rapid Transit Railroad and Issue of Corporate Stock Therefor (Cal. No. 27).

The Secretary presented a report of the Comptroller recommending that the Board consent to the proposed contract to be entered into between The City of New York, acting by the Public Service Commission for the First District, and the Snare & Triest Company, for the removal of certain stairways and the construction of station finish in the Chambers Street Station of the Brooklyn Loop Lines (Section 9-O-1), a portion of the Broadway-Fourth Avenue Rapid Transit Railroad, at an estimated cost of $2,180, and that corporate stock to said amount be authorized to meet the requirements of said contract.

The matter was laid over one week (June 9, 1916) under Rule 19.

Public Service Commission for the First District—Consent to Award of Contract with the Vulcan Rail and Construction Company for Purchase of Noise Deadening Rail Devices in Connection with Construction of Elevated Railroads (Cal. No. 28).

The Secretary presented a report of the Comptroller recommending that the Board consent to the proposed contract to be entered into between The City of New York, acting by the Public Service Commission for the First District, and the Vulcan Rail and Construction Company, for the purchase, by the City, of not to exceed 500 noise-deadening track rail devices, for experimental purposes in connection with the construction of municipal elevated railroads, at an estimated cost of $500, and that the Board authorize an issue of corporate stock in such amount for said purpose.

The report was withdrawn by the Deputy and Acting Comptroller.

From Bureaus of the Board.

Bureau of Public Improvements.

Fire Department—Posts for Fire Alarm Boxes (Cal. No. 29).

(On May 5, 1916 (Cal. Nos. 54 and 55), the question of the use of special posts for the fire alarm boxes designed by the Fire Department, or the use of a combination post which would carry both fire alarm boxes and electric lights, was referred to the Chief Engineer of the Board.)

The Secretary presented a communication dated May 29, 1916, from the Director of the Institute for Public Service indorsing the stand taken by the Commissioner of Public Works, Borough of Manhattan, that a single pole will fulfil the double purpose of an electric light pole and of supporting the fire alarm signal boxes; and the following report of the Chief Engineer:

Report No. 15726. May 26, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment, held on May 5th. 1916, resolutions were adopted approving forms of contract, plans and specifications for furnishing and installing underground, lead-covered feeder cables for a new fire alarm telegraph system to be constructed south of 79th Street, in the Borough of Manhattan, and at the same time the question as to whether the Fire Commissioner should be authorized to install independent posts for fire alarm boxes, or whether they should be combined with electric light poles, was referred to the Chief Engineer of the Board for investigation and report. The questions at issue are: whether the efficiency of the fire alarm signalling service can best be promoted by placing fire alarm boxes on independent posts; whether it is feasible and safe to place these boxes on electric light posts or to design a new combination post which would carry both the fire alarm boxes and electric lights, and also whether, if there is any doubt as to the better insurance of the integrity and reliability of the fire alarm signal service if the fire alarm boxes are placed on independent posts rather than on combination posts, that doubt should be removed, even at the expense of adding a large number of independent and separate posts to the structures now in the public streets.

I am advised by representatives of the Fire Department that the number of fire alarm boxes connected with the underground and overhead lines in the several Boroughs of The City of New York at the present time, is in round numbers as follows:

Borough.	Number of Boxes. On Underground Lines.	On Overhead. Lines.	Total.
Manhattan	1,650	....	1,650
Brooklyn	1,200	800	2,000
The Bronx	500	300	800
Queens	100	300	400
Richmond	100	200	300
Total	3,550	1,600	5,150

All of the boxes in the Borough of Manhattan are now connected with underground lines. In the other Boroughs the question of the erection of independent posts would only apply to those which are connected with underground lines, as those connected with overhead lines would remain as they are until the wires are put underground. Although the number of boxes connected with aerial lines is now smaller than the number connected with the underground lines in Brooklyn and The Bronx, and greater in Queens and Richmond, all of the wires will gradually be placed under ground, and the large number of new boxes which will be installed from time to time will ultimately make the number of additional posts to be placed upon the public streets much greater than the 3,550 now proposed to be connected with the underground system. The argument of the Fire Department before the Board of Estimate and Apportionment was that the fire alarm signalling service is of such vital importance that no chances whatever should be taken in its installation, that the mechanism of the fire alarm box is exceedingly delicate and that any disturbance of the post might disarrange this mechanism, and further that the standards carrying these boxes should in the interest of safety be under the sole and

exclusive control of the Fire Department, and that the employees of no other Department or of any public service corporation should have access to them. I had expected to encounter this same attitude on the part of the Edison Company, and anticipated that it would object to the employees of the Fire Department having access to its electric light poles, but in the discussions which I have had with representatives of that company, it was found that no objection is offered by them to the adoption of a combination post which will serve both purposes or to the attachment of fire alarm boxes to the present electric light poles.

The first installation of these independent posts would be in the Borough of Manhattan. In all of the Boroughs there is a strong objection to the erection of any additional posts or obstructions on the sidewalk, but in the Borough of Manhattan such obstructions are believed to be particularly serious, owing to the greater sidewalk traffic.

As to the likelihood of damage from some external source to the fire alarm signal boxes if attached to the Edison posts, such as being struck by a vehicle, I am informed that in the Borough of Manhattan there are 11,000 electric light posts, of which about 3,500 are in public parks and are owned by the City, that during the course of a year about 150 of these posts have been struck by vehicles, and that two-thirds of these were in the parks. Of the 50 damaged posts which were on public streets 20 were actually knocked down. The number of posts on the public streets which have been struck and damaged appears, therefore, to have been two-thirds of one per cent., and the number of these which have been knocked over is a little more than one-quarter of one per cent. of the total number. The bases of these electric light posts are filled with concrete for a distance of about 18 inches above the sidewalk grade and, if a combination post were used and all of the space in the bases not occupied by apparatus or conductors were filled with concrete, it is thought likely that they would more effectively resist any shock and that the danger of injury would be lessened.

I have discussed this question in its various phases with Mr. Bates, the Chief of the Bureau of Fire Alarm Telegraph, with Mr. Rhoades of the Edison Company, with Mr. Atkins, Chief of the Bureau of Light and Power of the Department of Water Supply, with Messrs. Knox and Ives, who have been investigating the feasibility of a combination post for the President of the Borough of Manhattan, with Mr. Carty, Chief Engineer of the Telephone Company, who was one of those who prepared the plans for the new fire alarm system, with Mr. Forsythe of the New York Board of Fire Underwriters, and with Mr. Raymond of the National Board.

When arc lights were in general use, the objection to the introduction into the same post of the high potential conductors of the arc lights with the low tension signalling wires would have been much greater than is now the case when the street lighting conductors carry the same voltage as do the wires leading to the individual lights which the Fire Department proposes to erect on the top of its independent posts. Messrs. Ives and Knox have prepared a design for a combination base which they believe will overcome any reasonable objection which might be made either by the Fire Department or by the Edison Company, and this design has been critically reviewed by Mr. Atkins, who expresses the opinion that it would be entirely safe to use it. This base has been so designed as to permit its substitution for the existing base of the Edison posts, and it is estimated that the expense would be no greater than that of the independent post designed by the Fire Department, while the annoyance and expense of opening the pavements in order to establish connections between existing electric light posts and the new posts in order to supply the special signal lights would be avoided. The estimates of Mr. Ives indicate that the new combination bases can be furnished and can be substituted for the bases which the Fire Department desires to use, and that the upper portions of the electric light poles can be attached to these bases, and that the cost of the substitution would be materially less than the purchase and setting of the independent posts proposed by the Fire Department. I think, however, that these estimates are low, especially that of removing the present Edison bases and substituting the combination bases, but when the substantial saving through elimination of a large number of cuts in the pavement is taken into account it is not improbable that there would be some saving through the use of a combination post. I do not think, however, that in a matter of such vital importance as the correction of the present notorious defects in the fire alarm signalling system a few thousand dollars one way or the other should be a controlling consideration.

Mr. Rhoades of the Edison Company has also prepared a sketch showing how a fire alarm box could be attached to the present Edison post and the conductor carried to it on the outside of the post so that there would be entire separation between the conductors of the Edison Company and those of the Fire Department. It might be thought that this application to the outside of the post would be unsightly, but from the sketches Mr. Rhoades has made I think that no disfigurement would be noticeable, although it is claimed that the size of this outside conductor, as shown by Mr. Rhoades, is not great enough to contain the "terminal board" which the Fire Department must install in all of its posts. While, as stated, this attachment proposed by Mr. Rhoades is by no means unsightly it has perhaps one rather serious defect, and that is that the protection to the conductors of the fire alarm boxes from external shock is not as good as it should be. Some of those with whom I have discussed this plan have even suggested that if any of the conductors were to be placed outside of the bases, thus insuring more complete separation, it would be better to place the Edison wires in this position, as any damage to them would only result in the temporary inconvenience of the loss of a particular light, while a disarrangement of the fire alarm signals might not only entail serious property loss but might endanger life.

The time for the study of so serious a problem has been limited, but an effort has been made to consult all of those who are vitally interested. During the earlier stages of this discussion little encouragement was given to the hope that a combination post could be designed which would be free from objection, but, as the discussion has proceeded, it has been quite evident that those who were strongly opposed to the idea of a satisfactory combination post are becoming convinced that a satisfactory design for such a post can be worked out. It is by no means certain that the design prepared by Mr. Ives for the Commissioner of Public Works of the Borough of Manhattan entirely solves the problem, but there is every indication that with further study a design can be perfected which will be generally satisfactory.

Representatives of the Edison Company have even indicated that the company would be willing to reduce the size of its wires from No. 2 to No. 10, the latter being approximately the same size as would be used for the individual light on the independent post, and they have also indicated that the third, or middle, wire now in the Edison posts might be omitted. If these changes were made the principal objection which has heretofore been made to the use of the combined post would appear to have been effectually overcome.

The Board of Fire Underwriters has been disposed to be very conservative in its attitude and wants to be convinced before it will approve the use of a combined post, but, unless their attitude is misunderstood, they are not as strongly opposed to the adoption of such a post as earlier reports and statements indicated.

If a combination post were to be adopted, what could be done with the new model posts which have been bought by the Fire Department? I am informed that there are 2,560 such posts, all but 60 of which have been purchased under contracts made before the present Fire Commissioner assumed office, that 627 of these posts have been set in the several boroughs, and that on 560 of them have been placed the stems or upper portions with the fire alarm box and individual light. The cost of the bases delivered ranged from $20 to $30 each, varying with the market and the size of the order, while the average cost of the stems or upper portions of the posts has been about $24, the total cost of a post complete and erected in the street being about $60.

It might be thought that these bases would be an entire loss, but the Chief of the Fire Alarm Bureau of the Fire Department has indicated that he is by no means convinced that this is so, believing that these bases might be adapted to the combination posts.

He has also indicated his belief that a universal City-owned post could be designed which would accommodate street lights, fire alarm boxes, Police signalling stations and the high pressure signalling service. This goes further than any suggestion yet made, but not only would careful thought and considerable time be required to work out the plans for such a post, but some definite understanding would have to be reached with the Edison Company as to the ownership of these posts, whether new posts of special design or an adaptation of the existing electric light posts. Even in the case of a combined post which would accommodate only the Edison lights and the fire alarm boxes it might be considered desirable that such posts should be owned by the City, and it is possible that the Edison Company would be willing to transfer to the City the ownership of such of their posts as might be converted into combined posts on terms satisfactory to the City.

I have discussed with the Fire Commissioner the feasibility of his proceeding to install new posts in place of all of the existing independent fire alarm posts, thus permitting the existing fire alarm system to be improved in accordance with the plans which have been developed and deferring the erection of the additional fire alarm boxes until a plan shall have been worked out for a satisfactory combination post. This would result in avoiding the addition of any further street obstructions, but would not do away with the 800 or more separate posts now in use. The Commissioner points out, however, that under the present plans a number of the existing independent posts are to be moved to new locations and that in laying the distribution cables it would be somewhat difficult to make provision for the loop leading to the intermediate fire alarm boxes which are to be added to the system until their precise location shall have been determined.

If the Board decides that a combination post shall be used for all of the Fire alarm boxes, such a policy will be attended by the following results:

1. There will unavoidably be a delay of some months in carrying out the much needed improvement of the fire alarm signalling system and the Fire Commissioner appears to be convinced that a year will elapse before the construction work can actually proceed.

2. It will be necessary to enter into an agreement with the Edison Company relative to the changes which will be required in their wiring and as to the ownership of and control over the combination posts. It would seem desirable that such posts should be owned absolutely by the City of New York, although, if the posts are so designed that one side is devoted to the Edison conductors and the other side to those of the Fire Department, the two sides being physically separated and the representatives of neither interest having access to any but its own side, absolute ownership by the City may not be necessary.

3. If a design for a universal post to accommodate not only street lights and fire alarm boxes, but the Police signalling system and the high pressure fire service system, is to be worked out, all of these different interests should be consulted and the plan should be made satisfactory to all of them.

I believe that this can be done. If it involves additional cost, the removal of obstructions from the streets of the City will make such additional cost worth while. The only objection is the further delay which would result in the rehabilitation of the fire alarm signalling system. Respectfully,

NELSON P. LEWIS, Chief Engineer.

Hon. Ralph Folks, Commissioner of Public Works, Borough of Manhattan; Hon. William Williams, Commissioner of Water Supply, Gas and Electricity, and Hon. Robert Adamson, Fire Commissioner, appeared and addressed the Board.

The matter was referred to a committee consisting of Nelson P. Lewis, Chief Engineer of the Board, Chairman; Putnam A. Bates, Electrical Engineer, Bureau of Fire Alarm Telegraph, Fire Department, and David P. Atkins, Chief Engineer, Bureau of Illumination, Light, Heat and Power, Department of Water Supply, Gas and Electricity, for the purpose of determining the feasibility and practicability of the use of the combined post to carry both fire alarm boxes and electric lights, and for consultation with all the interests affected, to report their conclusions to the Board in two weeks (June 16, 1916), taking into consideration the question of jurisdiction and the delay that might result from the adoption of a combined post; also their views as to type of post most suitable for the purpose.

Amity Street, Between Lawrence Street and Flushing Creek, and Roosevelt Avenue, Between Lawrence Street and a Point About 400 Feet West of Hewitt Avenue, and Street System Within Territory Bounded by Hewitt Avenue, Ferguson Street, Prime Street, Burcker Street and its Prolongation, Lawrence Street, Redwood Street and its Prolongation and Prime Street and Gunther Street, Borough of Queens—Changing Lines and Grades (Cal. No. 30).

(On May 12th, 1916 (Cal. No. 132), the petition in this matter was referred to the Chief Engineer of the Board.)

The Secretary presented a petition from the Nathan Manufacturing Company dated May 9, 1916, requesting the proposed change; and the following report of the Chief Engineer:

Report No. 15725. May 27, 1916.

Hon. JOHN PURROY MITCHEL, Mayor, Chairman of the Board of Estimate and Apportionment:

Sir—At the meeting of the Board of Estimate and Apportionment, held on May 12, 1916, there was referred to the Chief Engineer of the Board a petition of the Nathan Manufacturing Company, requesting a change in the map or plan of the City by changing the lines of Amity Street between Lawrence Street and Flushing Creek and of Roosevelt Avenue between Flushing Creek and a point about 400 feet west of Hewitt Avenue, in the Borough of Queens. Accompanying the petition was a sketch plan on tracing cloth indicating the change desired, but it contained no dimensions and was not a plan which could be made the subject of a public hearing. The advisability of the change proposed has been discussed in a conference with representatives of the Borough of Queens and the Nathan Manufacturing Company, at which the following conditions were disclosed:

The Nathan Manufacturing Company has a tract of land containing about 13½ acres on the Flushing side of Flushing River, which would be cut in two by the lines of Amity Street, as laid down by the Board of Estimate and Apportionment. They have prepared plans for a large plant for the manufacture of steam boiler injectors and other specialties, in which it is said that about 2,000 persons will be employed. The work of construction upon this plan has been commenced, but at the present time it consists only in the driving of piles for the foundations along what will be the northerly side of the group of buildings. Judging from photographs submitted by the Nathan Manufacturing Company they propose to erect some very attractive factory buildings, and they have even arranged for the landscape treatment of the land in front of these buildings on Lawrence Street. All of these plans would be disarranged if Amity Street were to be cut through on the lines now established and the project would have to be abandoned or seriously curtailed. The suggestion made in the petition submitted to the Board is that the lines of Roosevelt Avenue be deflected northwardly at a point several hundred feet west of Hewitt Avenue and that it cross Flushing River on a line which would be very nearly the westerly prolongation of Amity Street, as now laid out east of Lawrence Street. The land within the lines of Roosevelt Avenue as now laid out has been ceded to the City by the Degnon Realty and Terminal Improvement Company up to a line about 300 feet west of the Whitestone Division of the Long Island Railroad, and, if the change as suggested by the Nathan Manufacturing Company were carried out about 700 feet of the land so ceded would be left outside of the new street lines. The Degnon Company have stated, in response to an inquiry, that the new location of Roosevelt Avenue as proposed in the petition would seriously interfere with the plans which they have made for the development of industrial sites along the Corona side of Flushing River, and this company has suggested that if the lines of Roosevelt Avenue be changed, such change begin at a point which would correspond with the easterly boundary of the land ceded by the Degnon Company and that it run from there to a point on the east side of Flushing River, corresponding with the location of Amity Street, as proposed in the petition of the Nathan Company. The results of such a change in location would be these:

1. The crossing of Flushing River would be at an angle of about 45 degrees instead of at right angles, as under the present plan, although the bridge would be more nearly midway between the two Long Island bridges across this stream, which position is considered somewhat more favorable, as two draw-bridges so near together as are that of the Flushing Branch of the Long Island Railroad and the present location of the Roosevelt Avenue line would be a considerable obstruction to navigation.

2. The proceedings to open Roosevelt Avenue and Amity Street would have to be amended after the plan is changed. The petitioners, however, state that they are prepared to reimburse the City for any expenses which may have been incurred up to the date of such amendment in connection with the portions of the streets affected and that they are also prepared to give a bond protecting the City against loss by reason of claims made by property owners for expenses to which they may have been put by reason of the proceeding.

3. The route of the Flushing extension of the Dual Rapid Transit System would have to be modified. The possibility of such a modification has been informally discussed with representatives of the Public Service Commission and with one member of that Commission, but the proposition was not in sufficiently concrete shape to permit an intelligent answer to the question as to whether such a change in route

would meet with favor. It was understood, however, that no embarrassment would be caused if the Board of Estimate and Apportionment were to proceed with a hearing on a proposed change of the City map.

If any change is to be made it is important that it be done without delay, and this report on the petition is submitted at this time in order that the Board may be advised as to what would be involved in the granting of such a petition. No action can be taken until the President of the Borough shall have prepared and submitted to the Board a map which might form the basis of a public hearing. It is possible that such a map will be prepared by the Borough President by the time this report is considered and, if so, the Board might at once fix the date for the necessary hearing.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The President of the Borough of Queens offered the following resolution:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York, by changing the lines and grades of the street system within the territory bounded by Hewitt Avenue, Ferguson Street, Prime Street, Burcker Street and its prolongation, Lawrence Street, Redwood Street and its prolongation, Prime Street and Gunther Street, Borough of Queens, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated June 1, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Which was adopted by the following vote:

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

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The Secretary was directed to forward a copy of the proposed map to the Public Service Commission for its consideration in the meantime with a view to modifying the Flushing Rapid Transit Route when the proposed map change is effected.

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Bureau of Contract Supervision.

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Board of Estimate and Apportionment—Approval of Standard Specifications for Purchase of Supplies Required for Use in Various City Departments (Cal. No. 31).

The Secretary presented the following report of the Bureau of Contract Supervision:

May 29, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—There are submitted herewith for your approval tentative revised specifications to supersede standard specifications heretofore adopted by your board for certain textile fabrics, eggs, broken stone screenings, boiled and raw linseed oil and turpentine.

The changes proposed and the reasons for them are as follows:

Bunting, Serial Number 11 B-9, approved February 20, 1914. The changes proposed to be made are a substitution of plain weave for a weave of two warps and one filling thread and a substitution in the delivery clause of sticks for paper covered sticks upon which the bunting shall be rolled.

Practically all bunting is made with a plain weave and not with a weave of two warps and one filling thread as called for in existing standard specifications. The change in the sticks upon which the bunting is rolled is to make the specification in that regard conform to trade conditions under which bunting is prepared for delivery.

Cotton Jean, Serial Number 11 C-3, approved February 20, 1914. The changes proposed to be made are a substitution of twenty-eight inches for twenty-eight and one-half inches in the width of the fabric, a substitution of two and eight-tenths for two and two-tenths pounds per linear yard, a substitution of thirty-four for thirty-eight threads in the filling and a substitution of thirty for forty-five pounds in the tensile strength of the fabric.

The quality of cotton jean called for in the standard specification is not now manufactured and the changes proposed call for the delivery of a quality that can at the present time be obtained.

Cheese Cloth, Serial Number 11 C-4, approved February 20, 1914. The change proposed to be made is a substitution of ten and three-tenths for ten pounds per linear yard in the weight.

This change is necessary to make the specification cover a larger variety of makes of a satisfactory quality and thereby increase competition.

Cottonade, Serial Number 11 C-7, approved February 20, 1914. The change proposed to be made is a substitution of fifty-eight for sixty threads in the warp of the fabric.

This change is necessary to make the specification cover a larger variety of makes of a satisfactory quality and thereby increase competition.

Domet or Outing Cloth (Unbleached), Serial Number 11 D-3, approved February 20, 1914. The changes proposed to be made are a substitution of forty for forty-two threads in the filling and a substitution of fifteen for thirty-five pounds in the tensile strength requirement.

These changes are necessary to make the specification cover a larger variety of makes of a satisfactory quality and thereby increase competition.

Flannelette, Serial Number 11 F-6, approved February 20, 1914. The changes proposed to be made are a substitution of thirty for thirty-five pounds in the tensile strength requirement in the warp and a substitution of fifteen for ten pounds in the tensile strength requirement in the filling.

These changes are necessary to make the specification cover a larger variety of makes of a satisfactory quality and thereby increase competition.

Bandage Muslin, Serial Number 11 M-2, approved February 20, 1914. The changes proposed to be made are a substitution of five and six-tenths for five and five-tenths linear yards to the pound in the weight, a substitution of forty-three for forty-seven threads to the inch in the warp, forty-three for forty-four threads to the inch in the filling, ninety-two for ninety-five threads to the square inch and a substitution of twenty-eight for thirty-five pounds in the tensile strength requirement in the filling.

These changes are made necessary by changes which have occurred since the standard specification was approved in the manufacture of this kind of fabric.

Broken Stone Screenings, Serial Number 24 S-16, approved February 20, 1914. The changes proposed to be made are a substitution of the words "They shall contain not more than five per cent. of dirt, loam, etc.," for the words, "It shall be free from dirt, disintegrated stone or foreign matter of any kind," and a substitution of the words, "Not less than twenty-five nor more than thirty-five per cent. by weight shall pass a twenty mesh sieve," for the words, "Not less than twenty or more than thirty per cent. by weight shall pass a twenty mesh sieve."

These changes have been requested by the Commissioner of Public Works, Borough of Brooklyn, have been recommended by the Board of Consulting Engineers of the City and are in accordance with standard practice.

Boiled Linseed Oil, Serial Number 31 O-1, adopted July 2, 1914. The changes proposed to be made are a substitution of specific gravity limit of 0.937 to 0.945 for 0.934 to 0.938 and a substitution of an iodine number of "not lower than one hundred seventy-eight (178)" for "not lower than one hundred sixty-four (164)."

After years of discussion the American Society of Testing Materials last year agreed to standard specifications which the departments of the Government at Washington have since adopted for linseed oil and manufacturers are making their oil to conform to these specifications. The changes proposed bring the city's specification into conformance with that of the American Society for Testing Materials.

Raw Linseed Oil, Serial Number 31 O-2, approved July 2, 1914. The changes proposed to be made are a substitution of 195 for 192 as the maximum saponification number and the addition of maximum and minimum requirements for oil made from Argentine seed. The differences between the requirements for oil made from North American and Argentine seed are in the minimum requirements. The minimum requirement for specific gravity at 15.5 degrees Centigrade for oil made from North American seed is 0.932, while that for oil made from Argentine seed is 0.930; the acid number for oil made from North American seed is 6.0 and for oil made from Argentine seed 8.5; the refractive index at 25 degrees Centigrade for oil made from North American seed is 1.479 and for oil made from Argentine seed 1.4780 and the Hanus iodine number for oil made from North American seed is 178 and for oil made from Argentine seed 175.

The short crops of North American seed have compelled manufacturers to extensively use Argentine seed. The changes proposed permit the delivery of oil made from either kind of seed and the added requirements for Argentine seed call for an oil of a quality relatively as good as that produced from North American seed.

Turpentine, Grade A, Serial Number 31 T-1, approved July 2, 1914. The change proposed to be made is a substitution of the words, "When 200 cubic centimeters of turpentine are distilled, not less than 90 per cent. shall distill over, at or below a temperature of 170 degrees Centigrade," for the words, "When 200 cubic centimeters of turpentine are distilled, not less than 93 per cent. shall distill over at a temperature of 170 degrees Centigrade."

After years of discussion the American Society for Testing Materials last year agreed upon a standard specification in which the distillation test was fixed at 90 per cent. In view of this specification, which has been adopted by the departments of the Government at Washington, the manufacturers of both steam distilled and gum turpentine are making their standard a 90 per cent. distillation. The change proposed brings the city's specification into line with that of the American Society for Testing Materials.

Eggs, Serial Number 14 E-1, approved February 11, 1915. The changes proposed to be made are the addition of the words "Grade C" after the words "Fresh gathered firsts," and the addition of the words "Grade B" after the words "Fresh gathered extras."

These changes are made necessary by the action last month of the New York Mercantile Exchange, under whose gradings eggs are purchased by the city, in adding a number of quality grades to both Fresh Gathered Firsts and Fresh Gathered Extras which are designated by letters following the name of the grades. The addition of the letters "C" and "B" to the quality grades does not in any way change the quality of the eggs called for under existing standard specifications and the change is proposed to make clear the qualities required under the specification.

For the reasons herein given I recommend the adoption of the attached resolution approving the amended specifications herewith submitted. Respectfully,

TILDEN ADAMSON, Director.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the attached *amended* standard specifications for the purchase of certain textile fabrics, fresh eggs, broken stone screenings, boiled and raw linseed oil and turpentine to supersede standard specifications heretofore approved, and directs that the *amended* specifications be adopted by the various departments, bureaus and offices under the City Government, authorized to purchase the said supplies.

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THE CITY OF NEW YORK.

Serial Number 11 B-9.

SPECIFICATION FOR BUNTING.

Quality.

Bunting shall be all wool of fast color.

Weave.

It shall be of plain weave.

Width.

The width shall be full eighteen (18) inches.

Weight.

The weight shall be not less than two (2) ounces to the linear yard.

Construction.

There shall be not less than thirty-three (33) threads to the inch in the warp, and not less than thirty-two (32) threads to the inch in the filling; the warp threads shall be two-ply and the filling threads one-ply.

Tensile Strength.

The tensile strength shall be not less than twenty-eight (28) pounds in the warp, and not less than twenty-five (25) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

Delivery.

It shall be delivered in rolls of forty continuous yards, rolled on sticks, each roll wrapped in paper and tied.

Identification.

Each roll shall have mill brand or trade mark affixed thereto.

Payment.

Payment shall be made for the number of yards accepted, at the price bid per yard.

—

Serial Number 11 C-3.

SPECIFICATION FOR COTTON JEAN.

Quality.

Cotton jean shall be a commercially fast black cotton fabric of the quality known to the trade as "Firsts."

Weave.

The weave shall be a forty-five (45) degree twill.

Width.

The width shall be not less than twenty-eight (28) inches.

Weight.

The weight shall be not lighter than two and eight-tenths (2.8) linear yards to the pound.

Construction.

There shall be not less than thirty-eight (38) threads to the inch in the warp, and not less than thirty-four (34) threads to the inch in the filling.

Tensile Strength.

The tensile strength shall be not less than forty-two (42) pounds in the warp and not less than thirty (30) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

Delivery.

It shall be delivered in bolts or rolls of forty to fifty-five continuous yards.

Identification.

Each roll or bolt shall have mill brand or trade mark affixed thereto.

Payment.

Payment shall be made for the number of yards accepted, at the price bid per yard.

—

Serial Number 11 C-4.

SPECIFICATION FOR CHEESE-CLOTH:

Quality.

Cheese-cloth shall be an unbleached cotton fabric of the quality known to the trade as "Firsts."

Width.

The width shall be full thirty-six (36) inches.

Weight.

The weight shall be not lighter than ten and three-tenths (10.3) linear yards to the pound.

Construction.

There shall be not less than thirty-five (35) threads to the inch in the warp, and not less than twenty-eight (28) threads to the inch in the filling, but not less than sixty-five (65) threads to the square inch.

Tensile Strength.

The tensile strength shall be not less than eighteen (18) pounds in the warp, and not less than eight (8) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

Delivery.

It shall be delivered in bolts of sixty-five to seventy-five continuous yards.

Identification.

Each piece or bolt shall have mill brand or trade mark affixed thereto.

Payment.

Payment shall be made for the number of yards accepted, at the price bid per yard.

Serial Number 11 C-7.

SPECIFICATION FOR COTTONADE.

Quality.

Cottonade shall be a cotton fabric of the quality known to the trade as "Firsts."

Weave.

It shall be of three-harness twill weave one up and two down.

Width.

The width shall be not less than twenty-eight (28) inches.

Weight.

The weight shall be not less than eight and one-tenth (8.1) ounces to the linear yard.

Construction.

There shall be not less than fifty-eight (58) threads to the inch in the warp, and not less than thirty (30) threads to the inch in the filling.

Tensile Strength.

The tensile strength shall be not less than seventy-five (75) pounds in the warp and not less than forty (40) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

Pattern.

The pattern shall be as selected by the contracting department from the stock of the successful bidder.

Delivery.

It shall be delivered in bolts of forty-five to fifty-five continuous yards.

Identification.

Each piece or bolt shall have mill brand or trade mark affixed thereto.

Payment.

Payment shall be made for the number of yards accepted, at the price bid per yard.

—

Serial Number 11 D-3.

SPECIFICATION FOR DOMET OR OUTING CLOTH (UNBLEACHED).

Quality.

Domet or outing cloth shall be an unbleached cotton fabric with a slight nap, both sides, and of the quality known to the trade as "Firsts."

Weave.

It shall be of plain weave.

Width.

The width shall be full twenty-seven (27) inches.

Weight.

The weight shall be not lighter than four and three-tenths (4.3) linear yards to the pound.

Construction.

There shall be not less than forty-seven (47) threads to the inch in the warp, and not less than forty (40) threads to the inch in the filling.

Tensile Strength.

The tensile strength shall be not less than thirty (30) pounds in the warp, and not less than fifteen (15) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

Delivery.

It shall be delivered in bolts of forty to fifty continuous yards, wound on boards.

Identification.

Each piece or bolt shall have mill brand or trade mark affixed thereto.

Payment.

Payment shall be made for the number of yards accepted, at the price bid per yard.

—

Serial Number 11 F-6.

SPECIFICATION FOR FLANNELETTE.

Quality.

Flannelette shall be a cotton fabric of the quality known to the trade as "Firsts."

Weave.

It shall be of plain weave.

Width.

The width shall be not less than twenty-six and one-half (26½) inches.

Weight.

The weight shall be not lighter than four and seventy-five hundredths (4.75) linear yards to the pound.

Construction.

There shall be not less than forty-seven (47) threads to the inch in the warp, and not less than forty (40) threads to the inch in the filling.

Tensile Strength.

The tensile strength shall be not less than thirty (30) pounds in the warp, and not less than fifteen (15) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

Pattern.

The pattern shall be white and commercially fast colored yarn-dyed stripes, as selected by the contracting department from the stock of the successful bidder.

Delivery.

It shall be delivered in bolts of forty to fifty continuous yards, wound on boards.

Identification.

Each piece or bolt shall have mill brand or trade mark affixed thereto.

Payment.

Payment shall be made for the number of yards accepted, at the price bid per yard.

—

Serial Number 11 M-2.

SPECIFICATION FOR BANDAGE MUSLIN.

Quality.

Bandage muslin shall be an unbleached cotton fabric of the quality known to the trade as "Firsts."

Weave.

It shall be of plain weave.

Width.

The width shall be not less than thirty-six (36) inches.

Weight.

The weight shall be not lighter than five and six-tenths (5.6) linear yards to the pound.

Construction.

There shall be not less than forty-three (43) threads to the inch in the warp, and not less than forty-three (43) threads to the inch in the filling, but not more than ninety-two (92) threads to the square inch.

Tensile Strength.

The tensile strength shall be not less than twenty-four (24) pounds in the warp, and not less than twenty-eight (28) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

Delivery.

It shall be delivered in single cut bolts of forty to sixty continuous yards, or in double cut bolts of ninety to one hundred and twenty continuous yards, *as called for in the schedules.*

Payment.

Payment shall be made for the number of yards accepted, at the price bid per yard.

—

Serial Number 14 E-1.

SPECIFICATION FOR EGGS.

(Superseding Specification 14 E-1, adopted by the Board of Estimate and Apportionment February 11, 1915.)

Quality of Summer Deliveries.

All deliveries of eggs during the months of March, April, May, June, July and August shall be of the grade known to the trade as "Fresh Gathered Firsts, Grade C," under the classification of the New York Mercantile Exchange. The eggs shall be reasonably clean, of good average size, fresh, reasonably good bodied and sweet.

Quality of Winter Deliveries.

All deliveries of eggs during the months of September, October, November, December, January and February shall be of the grade known to the trade as "Fresh Gathered Extras, Grade B," under the classification of the New York Mercantile Exchange. The eggs shall be reasonably clean, of good average size, fresh, reasonably good bodied and sweet.

Candling.

All eggs shall be uncandled, or candled by the contractor, *as called for in the schedules.* When candled eggs are called for there shall be no bad eggs in any delivery.

Determination of Disputes.

In the event of a dispute between the contractor and the city as to the quality of deliveries, final determination shall be had by an inspection of the deliveries in question by the United States inspector of eggs in the City of New York, whose decision shall be final. The expense of such inspection shall be borne by the party adjudged at fault by such verdict.

Delivery.

They shall be delivered in standard cases, each containing thirty dozen eggs.

Payment.

Payment shall be made for the number of dozen eggs accepted, at the price bid per dozen.

—

Serial Number 24 S-16.

SPECIFICATION FOR BROKEN STONE SCREENINGS.

(Superseding Specification 24 S-16, adopted by the Board of Estimate and Apportionment, February 20, 1914.)

Quality.

Broken stone screenings shall be roughly cubical or pyramidal fragments, hard, sound, durable and with sharp edges. They shall contain not more than five (5) per cent. of dirt, loam, disintegrated stone or foreign matter of any kind. The kind of stone, whether trap-rock, granite or lime stone, shall be *as called for in the schedules.*

Size.

All screenings shall be the product of the crusher that will pass through a screen having square or circular openings five-eighths (⅝) inch in diameter. Not less than twenty-five (25) or more than thirty-five (35) per cent., by weight, shall pass a twenty-mesh sieve. Not more than fifteen (15) per cent., by weight, of stone dust shall pass a one-hundred-mesh sieve.

Payment.

Payment shall be made for the number of cubic yards or tons accepted, at the price bid per cubic yard or per ton, for each kind of stone, *as called for in the schedules.*

—

Serial Number 31 O-1.

SPECIFICATION FOR BOILED LINSEED OIL.

(Superseding Specification 31 O-1, adopted by the Board of Estimate and Apportionment July 2, 1914.)

Quality.

Boiled linseed oil shall be of the best quality of the linoleate type, which is that the lead and manganese shall be combined with linseed oil only.

Adulterants.

It shall not contain any rosin, resin or similar materials and the ash shall contain no heavy metals except lead and manganese.

Speific Gravity.

The specific gravity shall be not less than nine hundred thirty-seven thousandths (0.937) and not more than nine hundred forty-five thousandths (0.945) at fifteen and five-tenths (15.5) degrees Centigrade.

Iodine Number.

The Hanus iodine number shall not be lower than one hundred seventy-eight (178).

Methods of Tests.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests.

Delivery.

It shall be delivered in the kind and size of container *as called for in the schedules.*

Payment.

Payment shall be made for the number of commercial gallons weighing seven and one-half (7½) pounds each accepted, at the price bid per gallon, delivered in the kind and size of container specified.

—

Serial Number 31 O-2.

SPECIFICATION FOR RAW LINSEED OIL.

(Superseding Specification 31 O-2, adopted by the Board of Estimate and Apportionment July 2, 1914.)

Quality.

Raw linseed oil shall be either North American or Argentine oil and shall conform to the following tests:

	North American Oil.		Argentine Oil.	
	Maximum.	Minimum.	Maximum.	Minimum.
Specific gravity at 15.5 degrees Centigrade	0.936	0.932	0.936	0.930
Acid number	6.0	.....	8.5	.....
Saponification number	195.	189.	195.	189.
Refractive index at 25 degrees Centigrade	1.4805	1.479	1.4805	1.4780
Hanus iodine number	.....	178.	.....	175.

When the raw linseed oil as received is heated to sixty-five (65) degrees Centigrade, and allowed to stand in a graduated cylinder for thirty-six (36) hours at a temperature not lower than twenty (20) degrees Centigrade, not over two (2) per cent. of the material shall settle out.

Methods of Tests.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests.

Delivery.

It shall be delivered in the kind and size of container *as called for in the schedules.*

Payment.

Payment shall be made for the number of commercial gallons weighing seven and one-half (7½) pounds each of oil accepted, at the price bid per gallon, delivered in the kind and size of container specified.

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Serial Number 31 T-1.

SPECIFICATION FOR STANDARD TURPENTINE, GRADE A.

(Superseding Specification 31 T.-1, adopted by the Board of Estimate and Apportionment, July 2, 1914.)

Quality.

Standard turpentine, grade A, shall conform to either of the following:

It shall be an unadulterated distillate of the oleoresinous exudation of the proper kinds of living pine trees, known as gum turpentine; or

It shall be an unadulterated refined distillate of the oleoresin of the proper kinds of pine wood, known as wood turpentine.

Tests.

The turpentine shall pass the following tests:

Color: It shall be white, perfectly clear and free from suspended matter.

Odor: It shall be free from disagreeable odors.

Specific Gravity: It shall have a specific gravity of not less than eight hundred sixty-two thousandths (0.862) nor more than eight hundred seventy-thousandths (0.870) at fifteen and five-tenths (15.5) degrees Centigrade.

Refractive Index: It shall have a refractive index of not less than one and four hundred sixty-eight thousandths (1.468) nor more than one and four hundred seventy-six thousandths (1.476) at twenty (20) degrees Centigrade.

Boiling Point: It shall have a boiling point of not less than one hundred fifty-two (152) nor more than one hundred fifty-eight (158) degrees Centigrade.

Distillation: When two hundred (200) cubic centimeters of turpentine are distilled, not less than ninety (90) per cent. shall distill over, at or below a temperature of one hundred seventy (170) degrees Centigrade.

Polymerization: When five (5) cubic centimeters of the turpentine are treated with thirty-eight normal (N/38) sulphuric acid, according to the method of Veitch (see Bulletin No. 135, page 30, or Circular No. 85, Bureau of Chemistry, United

States Department of Agriculture), not more than twelve-hundredths (0.12) cubic centimeters, or two and four-tenths (2.4) per cent. shall remain unpolymerized at the end of thirty (30) minutes.

Evaporation: When ten (10) cubic centimeters of the turpentine are evaporated on an open steam bath with a full head of steam for three (3) hours, the amount of residue shall not weigh more than fifteen-hundredths (0.15) grams.

Methods of Tests.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests.

Delivery.

It shall be delivered in the kind and size of container, *as called for in the schedules.*

Payment.

Payment shall be made for the number of gallons accepted, at the price bid per gallon, delivered in the kind and size of container specified.

Which was adopted by the following vote:

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

Department of Education—Approval of Specifications (Cal. No. 32).

The Secretary presented a communication dated May 16, 1916, from the Board of Education, transmitting specifications for new riser casings in Public School No. 13, Borough of The Bronx, at an estimated cost of $275; and the following report of the Bureau of Cor Supervision recommending approval thereof:

May 27, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 18, 1916, you referred to the Bureau of Contract Supervision a communication from the Board of Education dated May 16, 1916, requesting approval of specifications for new riser casings at Public School 13, Borough of The Bronx.

The work to be done consists of removing the present wood boxing from the steam and return pipes in the basement of the building and installing galvanized sheet metal covering. This work has been ordered by the Fire Department.

The estimated cost of $275 is reasonable and the specifications are satisfactory.

The cost is to be charged to the fund "C. D. E. 9A," in which there is a sufficient balance to pay for this work.

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

Respectfully, TILDEN ADAMSON, Director.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves the specifications and estimate of cost in the sum of two hundred and seventy-five dollars ($275), for new ris casings at Public School 13, Borough of The Bronx, under the jurisdiction of the L partment of Education, the cost to be charged to the corporate stock fund entitled "C.D.E. 9A."

Which was adopted by the following vote:

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

Department of Public Charities—Approval of Expenditure of Budget Funds (Cal. No. 33).

The Secretary presented a communication dated May 18, 1916, from the Commissioner of Public Charities requesting authority to expend $609.98 for repairs to the steamer "Fidelity"; and the following report of the Bureau of Contract Supervision recommending approval thereof:

May 27, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 24, 1916, you referred to the Bureau of Contract Supervision a communication from the Commissioner of Public Charities dated May 18, 1915, requesting approval of the expenditure of $609.98 from 1916 budget funds for certain repairs to the steamer "Fidelity."

On May 12, 1916, your Board approved the expenditure of $680.70 for dry docking and repairs to the woodwork of this vessel.

The present request is to provide payment for overhauling and repairing the engines and machinery of the vessel, which was done at the same time but by another firm. The amount appears reasonable, but will be subject to audit by the Department of Finance before final payment.

The expenditure is to be charged to the 1916 Budget, Department of Public Charities, "Code No. 1972, General Repairs," in which there is a sufficient balance to pay this bill.

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

Respectfully, TILDEN ADAMSON, Director.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the expenditure, by the Commissioner of Public Charities, of six hundred and nine dollars and ninety-eight cents ($609.98) for repairs to steamer "Fidelity," to be charged to the 1916 Budget account, "Code No. 1972, General Repairs."

Which was adopted by the following vote:

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

Department of Public Charities—Approval of Expenditure of Budget Funds (Cal. No. 34).

The Secretary presented communications dated February 28 and 29, 1916, from the Commissioner of Public Charities, requesting authority to expend $1,543 for plumbing work at the Metropolitan Hospital, Blackwell's Island, and alterations to the Cumberland Street Hospital, Borough of Brooklyn; and the following report of the Bureau of Contract Supervision recommending approval thereof.

May 27, 1916.

To The Board of Estimate and Apportionment:

Gentlemen—On February 28, 1916 and February 29, 1916, the Commissioner of Public Charities requested approval of the expenditure of $728 and $815 respectively, the former for plumbing work in the cellar of the Female Dormitory, Metropolitan Hospital, Blackwell's Island, and the latter for alterations in the first floor of Cumberland Street Hospital, Borough of Brooklyn.

The requests were referred to the Bureau of Contract Supervision. Owing to insufficiency of funds at that time report on these requests was temporarily withheld. It is proposed to charge the costs to 1916 budget funds "Code No. 1972, General Repairs" item, Miscellaneous, to which additional funds have since been transferred and sufficient has been reserved to pay the cost of these two items. None of this work was anticipated at the time of the preparation of the 1916 budget.

At the Female Dormitory, Metropolitan Hospital, it has been found necessary to install new plumbing as part of the alterations required to equip the building as a dormitory for nurses. The work has been completed. At the Cumberland Street Hospital two rooms have been altered to provide for the reception and examination of incoming patients, one room for male and one for female, with toilet facilities for each. These rooms are necessary to avoid the necessity for the examination of entrants, in the large wards of the hospital as has been done heretofore, but which has proven unsatisfactory. The work is now well under way.

The estimates of cost are reasonable and will be subject to audit by the Department of Finance before final payment of the bills.

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

Respectfully, TILDEN ADAMSON, Director.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves the expenditures, by the Commissioner of Public Charities, of the following amounts to be charged to the 1916 Budget account, "Code No. 1972, General Repairs."

For plumbing work in the cellar of the Female Dormitory, Metropolitan Hospital, Blackwell's Island	$728 00
For certain alterations on the first floor of the Cumberland Street Hospital, Borough of Brooklyn	$815 00

Which was adopted by the following vote:

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

Department of Docks and Ferries—Approval of Contract, Plans, Specifications, Etc. (Cal. No. 35).

The Secretary presented a communication dated May 22, 1916, from the Commissioner of Docks, transmitting form of contract, plans, specifications, etc., for repairing pier and building a freight shed at foot of West 55th Street, Borough of Manhattan, at an estimated cost of $340,200; and the following report of the Bureau of Contract Supervision relative thereto:

May 31, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 22, 1916, the Commissioner of Docks requested approval of the form of contract No. 1519, plans, specifications and estimate of cost in the sum of $340,200 for repairing the pier at the foot of West 55th street, North River, Borough of Manhattan, and for building a freight shed on the pier and the bulkhead adjacent, with appurtenances, including heating and plumbing.

The work is divided into five classes at estimates of cost as follows:

Class 1—For repairing the pier and for laying a concrete surface and constructing shed foundations on both the pier and the adjacent bulkhead	$43,500 00
Class 2—For buliding a freight shed, with appurtenances (except heating and plumbing), on the West 55th street pier and the adjacent bulkhead	273,500 00
Class 3—For laying an asphalt pavement over the concrete deck of the pier and over the concrete layer on the bulkhead	5,600 00
Total for Classes 1, 2 and 3	$322,600 00
Class 4—For installing a heating system within the freight shed	$9,600 00
Class 5—For installing plumbing work within the freight shed	8,000 00
Total for all classes	$340,200 00

Classes 1, 2 and 3 are to be awarded as a single contract under the head of "General Construction." Classes 4 and 5 are to be awarded separately.

The pier, when the sheds are completed, is to be leased for a period of ten years, with privilege of renewal, to Furness, Withy & Co., Ltd., at an annual rental of $60,000.

The cost of the improvement is to be paid from a corporate stock fund of $351,000, approved by the Board of Estimate and Apportionment on February 11, 1916, which is intact.

All of the repair work included in the contract is incidental to and necesary in connection with the construction of the sheds.

It appears that the Western Union Telegraph Company claims ownership of a certain parcel of land lying immediately south of West 55th street and west of 12th avenue, and that the said Company has maintained a cable landing on the outer end of the pier.

The Commissioners of the Sinking Fund on December 29, 1915, authorized the execution of the lease with Furness, Withy & Co. without taking into account the occupation by the Western Union Telegraph Company of the cable house and cable landing on the pier. It also appears that Henry Steers, Inc., is a lessee and occupant of a portion of the pier.

It is proposed that the operations of both of these companies shall be transferred to the pier at the foot of West 54th street under leases which are on the calendar of the Commissioners of the Sinking Fund for the meeting on June 1, 1916.

The form of contract, plans and specifications are satisfactory and the estimate of cost is reasonable. Approval of the contract, however, should be conditional on the execution of the leases transferring the above named companies from the 55th to the 54th or some other pier.

I recommend the adoption of the attached resolution, which will approve the form of contract, plans, specifications and estimate of cost, with provision that the same shall not become effective until the above described leases have been executed.

Respectfully, TILDEN ADAMSON, Director.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to its resolution of July 11, 1912, hereby approves the form of contract, plans, specifications and estimate of cost in the sum of three hundred and forty thousand two hundred dollars ($340,200) for repairing the pier at the foot of West 55th street, North River, Borough of Manhattan, and building a freight shed on the pier and the bulkhead adjacent with appurtenances, including heating and plumbing, under the jurisdiction of the Department of Docks and Ferries, the contract to be divided into three parts at estimates of cost as follows:

Classes 1, 2 and 3, General Construction	$322,600 00
Class 4, Heating	9,600 00
Class 5, Plumbing	8,000 00
	$340,200 00

—to be paid from the corporate stock fund entitled "C. D. D. 44, Department of Docks and Ferries, Erection of Sheds on Pier at foot of West 55th street, and Bulkhead adjacent thereto, and for Dredging"; provided that in the event that the aggregate sum of the lowest bids received for the three items is equal to or less than the aggregate sum of the three items herein approved (although the amount of the lowest bid for one or more items may exceed the amount approved for said item or items), then the awards for the three items, provided all are awarded, may be made without further approval by the Board of Estimate and Apportionment, and further provided that in the event that the aggregate sum of the lowest bids received for the three items exceeds the aggregate sum of the three items herein approved, no award for either item shall be made and the amount of such estimated cost upon the bids so received may be reconsidered, in its discretion, by the Board of Estimate and Apportionment, or by any official designated by the Board, provided that the aggregate of such bids is within the amount authorized and available for said work; and be it further

Resolved, That this approval shall be of no force or effect, nor shall any contract be awarded for the repairs to the pier at West 55th street and the construction of sheds thereon, and on the bulkhead adjacent, until leases have been executed with the Western Union Telegraph Company and Henry Steers, Inc., which will provide for the removal of their structures and appliances from the pier at West 55th street.

Which was adopted by the following vote:

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

Board of Estimate and Apportionment; Bureau of Contract Supervision—Report of Work Performed by Central Testing Laboratory During the Month of April, 1916 (Cal. No. 36).

The Secretary presented the following report of the Bureau of Contract Supervision, which was ordered printed in the Minutes and filed:

May 24, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—I submit herewith in tabulated form a report of the work performed under my direction by the Central Testing Laboratory, Bureau of Contract Supervision, Board of Estimate and Apportionment, during the month of April, 1916, together with a departmental summary.

There were submitted for analysis and examination during the month of April 879 samples of supplies and materials of construction.

Of the samples submitted for examination under specifications or standards 46.4 per cent. complied with the specification requirements, while 53.6 per cent. failed to comply.

The routine examinations during the month are comprehensively given in the attached schedule.

The special and research work carried on during the month consisted of the following:

Docks and Ferries, Department of—

Research on asbestos roofing materials completed.

Research being continued in the matter of determining the adaptability of limestone in concrete structures exposed to sea water, also study and examination of samples of anti-corrosive and anti-fouling paints for ship-bottoms, in conjunction with exposure tests conducted by the Department of Docks and Ferries.

Examination of sample of steel plate continued.

Estimate and Apportionment, Board of—

Bureau of Contract Supervision.

For the purpose of preparing adequate specifications for various articles of sup-

plies a research on samples of a number of different materials was carried on, and methods of tests are being prepared. Specifications were also reviewed and technical advice given.

Examination completed and reports made on samples of muslin, scouring powder and rubber automobile shoes.

The following classes of research work were taken up or continued:

Spool and crochet cotton, flax, rubber catheters, harness soap, steel surgical instruments and machine thread.

Finance Department—

Research completed and report made on sample of boiler compound.

Fire Department—

Research taken up to determine the cause of corrosion of insulated cables for the Fire Alarm Telegraph Bureau.

Study and examination of sewer effluents, insecticides and inflammable materials of all kinds.

Research completed and report made on sample of metal grindings.

Parks, Department of—

Examination of sample of waterproofing compound continued.

Police Department—

A research was taken up and continued to determine the cause of spontaneous fires on sugar ships.

Analyzing and furnishing expert testimony on samples of narcotics taken from prisoners in connection with the Boylan anti-drug law. Also chemical examinations of alcoholic beverages and poisons and examination of anatomical and physiological exhibits in connection with criminal prosecutions.

The work performed during the month of April is as follows:

Samples on hand April 1st, not analyzed, 3; samples received during the month, 169; samples analyzed during the month, 172; samples on hand May 1st, not analyzed, none; number of appearances in court as witnesses by chemists attached to this laboratory (in many cases chemists had to appear more than once, where adjournments had been granted by the different courts), 437.

Special Squad No. 1, 2 narcotics; Special Squad No. 2, 4 narcotics; Special Squad No. 3, 72 narcotics; Detective Bureau, 5 narcotics, 3 alleged poisons, 1 physiological exhibit, 2 alleged explosives; 1st Inspection District, 5 narcotics, 4 wines; 2nd Inspection District, 16 narcotics; 3rd Inspection District, 4 narcotics; 5th Inspection District, 6 narcotics; 6th Inspection District, 1 narcotic; 7th Inspection District, 3 narcotics, 1 wine; 9th Inspection District, 5 narcotics; 10th Inspection District, 17 narcotics; 11th Inspection District, 6 narcotics, 1 wine; 5th Precinct, 1 narcotic; 13th Precinct, 1 wine; 31st Precinct, 2 narcotics; 39th District, 1 narcotic, 1 poison, 2 anatomical exhibits; 43rd Precinct, 2 narcotics; 65th Precinct, 1 narcotic; 162nd Precinct, 2 narcotics; Coroner, Richmond County, 1 anatomical exhibit; Probation Office, Brooklyn, 1 narcotic. Totals: Narcotics, 156; poisons, 4; alcoholic beverages, 7; anatomical exhibits, 3; physiological exhibit, 1; combustibles, 2.

During the month samples of heroin hydrochloride, valued at $108.50, were submitted to this laboratory in their original packages, unopened, and were turned over by us to the property clerk of the Police Department. These drugs could be advantageously used in the City's public hospitals.

Street Cleaning, Department of—

Research completed and report made on samples of garbage effluent from garbage plant at New Bedford, Mass.

Water Supply, Board of—

Research to determine the causes of season cracking of bronze bolts continued.

Water Supply, Gas and Electricity, Department of—

Research on fire and building bricks continued. Examination of samples of rubber hose and rubber valves completed and reports made.

President, Borough of Manhattan—

Comparative tests continued on iron furnace slag, for the purpose of determining its feasibility as a substitute for broken stone in concrete construction.

President, Borough of The Bronx—

Study on samples of asphaltic and tar road oils completed.

Examination of samples of broken stone continued.

President, Borough of Richmond—

Research being continued on samples of granite paving blocks and on trap rock for macadamizing and concrete construction.

Coroner, Richmond County—

Examination of stomach contents of body for presence of poison.

Probation Office, Brooklyn—

Analysis and furnishing of expert testimony on samples of narcotics in connection with the Boylan anti-drug law.

For your information, a synopsis of the coal register for the month of April, 1916, is also respectfully attached. Respectfully,

TILDEN ADAMSON, Director.

(Tabulated form referred to in report is on file.)

Bureau of Franchises.

Centadrink Filters Company, Inc. (Cal. No. 37).

Amendment of consent to install and operate drinking water fountains under the stairways of the elevated railroads in the Boroughs of Manhattan, Brooklyn and The Bronx, and on the approaches to the City bridges connecting the Boroughs of Manhattan and Brooklyn, for the purpose of automatically vending carbonated drinking water to the public at one cent a glass, by authorizing the installation of fountains at such points as the Borough Presidents may designate, and vending sanitary paper cups at one cent each.

This application was presented to the Board at the meeting of April 14, 1916 (Cal. No. 124), and was referred to the Bureau of Franchises.

The Secretary presented the following:

Centadrink-Filters Co., Inc., 1440 Broadway, between 40th and 41st Streets, New York, April 7, 1916.

The Honorable, the Board of Estimate and Apportionment, Municipal Building, New York City:

Gentlemen—On April 16, 1909, a resolution was adopted by your Board and approved by the Mayor April 19, 1909, whereby consent was given us to install, maintain and operate coin controlled drinking water fountains under the stairways of stations of the several elevated roads in the Boroughs of Manhattan, Brooklyn and The Bronx for the purpose of automatically vending carbonated water. On June 25, 1915, a resolution was adopted by your Board and approved by the Mayor on June 27, 1915, whereby consent was given us to install, maintain and operate automatic drinking water fountains with the necessary pipe connections on approaches to the City bridges across the East River for the purpose of automatically vending pure, cold carbonated water to the public at the rate of one cent per glass.

The code of the Department of Health of the City of New York was revised in 1915 (as respects the washing or cleansing of glasses in places where drinks are sold to the public) in such a way as to render it impractical if not impossible for us to comply with the requirements thereof. Our glasses are rinsed with clean fresh running water each time they are used, which is a method far superior to that pursued in the large majority of places of refreshment which sell sweet drinks with syrup, ice cream or cream, milk, etc., not readily cleansed from the glass (whereas our machines vend only clean carbonated water—with no sweet or sticky substance added), nevertheless, it is our desire to comply with the wishes of the Board of Health, and we believe that in so doing by abolishing the use of the glass and substituting therefor a sanitary paper cup which is destroyed after use, a step forward along sanitary lines will have been accomplished and an example set which will be followed by many others to the benefit of the health of the community at large.

We, therefore, respectfully petition your Honorable body to amend the foregoing consents by adding to each the following clause: "And be it further resolved that the consent of the Corporation of the City of New York be and the same is hereby given to the Centadrink-Filters Co., Inc., to vend drinking cups to the public at one cent each."

We would further ask that the consent of April 16, 1909, be amended by permitting the Borough President to designate such locations besides the spaces under the elevated stairways, as he may see fit.

In consideration of the above amendments being added to our consents, we are willing to place on each fountain a free faucet for filtered water uncarbonated for such of the public as do not care to pay one cent for the carbonated water.

Respectfully yours, M. M. SLOSS, Treasurer.

Bureau of Franchises, May 25, 1916.

Hon. JOHN PURROY MITCHEL, Mayor, Chairman of the Board of Estimate and Apportionment:

Sir—By resolution adopted by the Board of Estimate and Apportionment April 16, 1909, and approved by the Mayor April 19, 1909, consent was granted to the New York Centadrink Company to install and operate automatic drinking water fountains under the stairways of the elevated railroads in the Boroughs of Manhattan, Brooklyn and The Bronx, for the purpose of automatically vending filtered cold, carbonated water to the public at one cent per glass. The consent provided for an initial payment of $100 to the City for the privilege and $36 per annum for each fountain installed, and also $5 per annum for the water used in each fountain. Security in the sum of $2,000 was required to be deposited with the Comptroller of the City for the faithful performance of the terms and conditions of the consent. The fountains were restricted to a position under the elevated railroad stairways, as it was known that in such position they would not interfere with the public use of the street. The grantee accepted the consent and complied with the terms and conditions thereof.

By resolution adopted by the Board July 11, 1912, and approved by the Mayor July 16, 1912, consent was granted to the same company to install, maintain and operate its fountains on the approaches to the City's bridges connecting the Boroughs of Manhattan and Brooklyn, compensation to be paid in the same amount as in the consent hereinabove first mentioned and additional security in the sum of $1,000 to be deposited with the Comptroller. The Company accepted this consent and complied with its requirements. By resolution adopted by the Board May 22, 1913, and approved by the Mayor May 23, 1913, the City consented to the assignment of the above consents to a new corporation—the Centadrink Filters Company, Inc.—the successor to the grantee.

Subsequently the Centadrink Filters Company, Inc., presented a petition to the Board for the amendment of the consent to install fountains on the approaches to the bridges connecting the Boroughs of Manhattan and Brooklyn, so as to include the Queensboro Bridge, and, in response to that petition, the consent of 1912 was revoked and a new consent granted to install the fountains on the approaches to all of the City's bridges across the East River. Investigation in connection with this petition disclosed that the fountains on the bridge approaches were much more remunerative than those under the elevated railroad stairs, and it was provided in the new consent that the grantee pay to the City $80 per annum for each fountain installed.

Under the consent to maintain the fountains under the elevated railroad stairs, the Company states it has been enabled to install only two fountains for a number of years past, for the reason that the consent provides they may only be installed in locations not otherwise occupied under permits from the City Government, and the desirable locations under the said stairs are all occupied by newsstands under permits from the City.

The Centadrink Filters Company presented a petition dated April 7, 1916, to the Board, reciting that the Code of the Department of Health, as revised in 1915, provides that where drinks are sold to the public the glasses shall be washed in a certain manner, and it is impossible for Centadrink Company to comply with the requirements of the said Code, on its public fountains. The petition therefore requests that the consents granted to the Company be amended so as to authorize the vending of a sanitary paper cup for one cent.

The petition further requests that the consent of 1909 authorizing fountains under the elevated railroad stairs be amended so as to authorize the installation of fountains at such points as the Borough Presidents may designate. In consideration of the amendments requested, the Company states its willingness to place on each fountain a faucet for the furnishing of filtered City water, free to the public.

At the meeting of the Board held April 14, 1916, the petition was referred to the Bureau of Franchises for investigation and report.

Prior to the presentation of this petition, the Universal Free Iced Water Company, Inc., presented a petition to the Board for permission to install fountains on the City's streets for the furnishing of iced and filtered water free to the public, the Company to have permission to sell automatically paper cups for one cent. At the meeting of the Board held May 19, 1916, the petition was acted favorably upon and a resolution adopted granting the requested permission for a trial operation of a limited number of fountains for one year, the fountains to be installed at locations to be first approved by the Borough Presidents.

Copies of the petition were forwarded to the Presidents of Manhattan, Brooklyn and The Bronx and to the Commissioner of Bridges, with a request to be advised if there are any objections to the amendments petitioned for.

In a reply from the President of the Borough of Manhattan, attention was called to the similarity of this case to that of the Universal Free Iced Water Company, Inc., and it was stated it would seem desirable to enable the public to secure iced water during the summer months, but that provision should be made for the cutting off of the water during the winter to prevent the bursting of pipes, without the necessity of opening the pavement.

In reply to the communication addressed to the President of the Borough of Brooklyn, I was informed that his communication of April 28, 1916, on the petition of the Universal Free Iced Water Company, Inc., was intended also to apply to the petition of the Centadrink Filters Company. Such reply stated that, although not greatly in favor of the proposition, no objection would be urged if the consent provide that no fountain shall be installed until its location has first been approved by the Borough President.

The reply from the President of the Borough of The Bronx stated that the matter is practically similar to the case of the Universal Free Iced Water Company, and it is his view that the consent should be granted as it would seem to meet a more or less general demand, particularly during the summer, the fountains to be installed at locations to be first approved by the Borough President. It is added that it would seem wise to permit these fountains at suitable locations, without confining them entirely to places under the elevated railroad stairs.

The reply from the Commissioner of Bridges stated that his Department offers no objections to the amendment of the consent so as to permit of the sale of paper cups.

Although it is true that the glasses heretofore used were cleansed after each use by means of a patent attachment on the fountains, the use of paper cups will, no doubt, be more sanitary and would, in consequence, seem advantageous.

In a communication dated April 17, 1916, from the Department of Health, I have been informed it was suggested by that Department that the use of the common glass be discontinued, as such use constituted a violation of the Sanitary Code. The communication added that the proposal of the Company to substitute sanitary paper cups for the glass should be approved.

In view of the replies from the administrative officials having jurisdiction, as hereinabove outlined, a resolution is submitted herewith for such action as the Board may see fit to take, amending the consents so as to permit the Company to sell paper cups at its fountains for one cent and so as to authorize the installation of fountains at such locations, other than under the elevated railway stairs, as may be designated by the Borough President and as shall not interfere with the public use of the street; upon request of the Borough President, or the Bridge Commissioner, the Company, to install a faucet furnishing filtered City water free to the public.

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

Proposed Resolution.

Whereas, A resolution was adopted by the Board of Estimate and Apportionment on April 16, 1909, and approved by the Mayor April 19, 1909, reading in part as follows:

"Resolved, That the consent of the corporation of The City of New York be and the same is hereby given to The New York Centadrink Company, a domestic corporation, to install, maintain and operate automatic drinking water fountains, with necessary pipe connections, under the stairways of the stations of the several elevated railroads in the Boroughs of Manhattan, Brooklyn and The Bronx, for the purpose of automatically vending pure, cold, carbonated water to the public at the rate of one (1) cent per glass, upon the following terms and conditions:"

—and

Whereas, Section 4 of the said consent reads as follows:

"The consent hereby given 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 said grantee, its successors or assigns, or by operation of law, without the consent in writing of The City of New York, acting by the Board of Estimate and Apportionment or its successors in authority."

—and

Whereas, By resolution adopted by the Board of Estimate and Apportionment May 22, 1913, and approved by the Mayor May 23, 1913, tne City agreed to the assignment of the said consent to the Centadrink Filters Company, Inc., the successor of the New York Centadrink Company, and the said Centadrink Filters Company, Inc., duly accepted such consent; and

Whereas, A resolution was adopted by the Board of Estimate and Apportionment on June 25, 1915, and approved by the Mayor June 29, 1915, reading in part as follows:

"Resolved, That the consent of the Corporation of The City of New York be and the same is hereby given to the Centadrink Filters Company, Inc., a domestic corporation, to install, maintain and operate automatic drinking water fountains, with the necessary pipe connections, on the approaches to the City's bridges across the East River, for the purpose of automatically vending pure, cold, carbonated water to the public at the rate of one cent per glass, upon the following terms and conditions:"

—and

Whereas, the Centadrink Filters Company, Inc., presented a petition dated April 7, 1916, to the Board of Estimate and Apportionment, reciting that it finds it impossible to comply with the provisions of the Code of the Department of Health as revised in 1915, respecting the cleansing of common glasses, and requesting that the consents be amended so as to autnorize the Company to sell sanitary paper cups at one cent each, and further requesting that the consent to install the said fountains under the stairs of the elevated railroads be amended so as to authorize their installation at such other locations as the Presidents of the Boroughs may designate, and offering, in consideration of such amendments, to place on each fountain a faucet for the furnishing of filtered City water free to the public; now, tnerefore be it

Resolved, That the hereinabove quoted portion of the said resolution adopted by the Board of Estimate and Apportionment on April 16, 1909, approved by the Mayor April 19, 1909, be and it hereby is amended to read as follows:

Resolved, That the consent of the corporation of The City of New York be and the same is hereby given to the New York Centadrink Company, a domestic corporation, to install, maintain and operate automatic drinking water fountains, with necessary pipe connections, under the stairways of the stations of the several elevated railroads in the Boroughs of Manhattan, Brooklyn and The Bronx, and at such other locations as the President of the Borough in which a fountain is to be installed may designate, and only at such locations where a fountain can be installed without interference with the public use of the street or with any other person or persons occupying space under permits from any other City authorities, for the purpose of automatically vending pure, cold, carbonated water to the public at the rate of one (1) cent per glass; the said grantee to have the right to sell at the said fountains sanitary paper cups for one (1) cent each, and the said grantee to equip the said fountains with a faucet for the furnishing of filtered City water free to the public, whenever requested to do so by the President of the Borough. This consent is granted upon the following terms and conditions:

—and be it further

Resolved, That the portion of the resolution adopted by the Board of Estimate and Apportionment June 25, 1915, and approved by the Mayor June 29, 1915, hereinabove quoted, be and it hereby is amended so as to read as follows:

"Resolved, That the consent of the corporation of The City of New York be and the same is hereby given to the Centadrink Filters Company, Inc., a domestic corporation, to install, maintain and operate automatic drinking water fountains, with the necessary pipe connections, on the approaches to the City's bridges across the East River, for the purpose of automatically vending pure, cold, carbonated water to the public at the rate of one cent per glass; the said grantee to have the right to sell at the said fountains sanitary paper cups for one cent each, and the said grantee to equip the said fountains with a faucet for the furnishing of filtered City water free to the public, whenever requested to do so by the Commissioner of Bridges. This consent is granted upon the following terms and conditions:"

—and be it further

Resolved, That this resolution shall become null and void unless the said Centadrink Filters Company, Inc., shall 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 grantee shall accept this consent and shall promise covenant and agree that this action of the Board of Estimate and Apportionment amending the said consents, shall in no wise change, alter or amend any of the terms, conditions and requirements in the original consents fixed and contained, except as herein and hereby expressly modified, and which said consents shall remain in full force and effect except as herein and hereby expressly modified.

The matter was referred back to the Bureau of Franchises.

Third Street Realty Company (Cal. No. 38).

Consent to maintain and use an existing pipe under and across West Broadway connecting premises 570 to 576 West Broadway with 567 West Broadway, Borough of Manhattan.

This application was presented to the Board at the meeting of May 19, 1916 (Cal. No. 76), and was referred to the Bureau of Franchises.

The Secretary presented the following:

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

The petitioner, the Third Street Realty Co., hereby petitions your Board for the revocable privilege of maintaining a line under West Broadway, between West 3rd Street and South Washington Square, connecting the buildings 570-576 West Broadway with 567 West Broadway, being the northeast corner of West 3rd Street and West Broadway. The size of pipe which is desired to be maintained is six inches, and for the purpose of inserting therein electrical cables so as to carry electrical current between the said buildings.

570 West Broadway is owned by the Third Street Realty Co. and the other is owned by the Livingston Holding Co. and has been leased to the Third Street Realty Co. for five years with privileges of a perpetual renewal by lease, and the Third Street Realty Company now operates and controls said Livingston Building, 567 West Broadway, and the privilege desired is for the exclusive use and benefit of your petitioner, and it is not intended to be sub-let or assigned or transferred.

The President of the Third Street Realty Company owns and controls the majority of stock of both Companies. Dated New York, April 27, 1916. Very truly yours,

THIRD STREET REALTY COMPANY, by HENRY GOLDSTEIN, President.

Bureau of Franchises, May 26, 1916.

Hon. JOHN PURROY MITCHEL, Mayor, Chairman of the Board of Estimate and Apportionment:

Sir—The Third Street Realty Company presented a petition, dated April 27, 1916, to the Board of Estimate and Apportionment for permission to continue to maintain and use an existing six-inch pipe under and diagonally across West Broadway, in the Borough of Manhattan, between West Third Street and Washington Square South, connecting Nos. 570-576 West Broadway, owned by the petitioner, with No. 567 West Broadway, held by the petitioner under lease, for five years, with the privilege of a perpetual renewal by lease. The petition states that the pipe is to be used to contain cables to convey electric current between the said premises.

At the meeting of the Board held May 19, 1916, the petition was referred to the Bureau of Franchises for investigation and report.

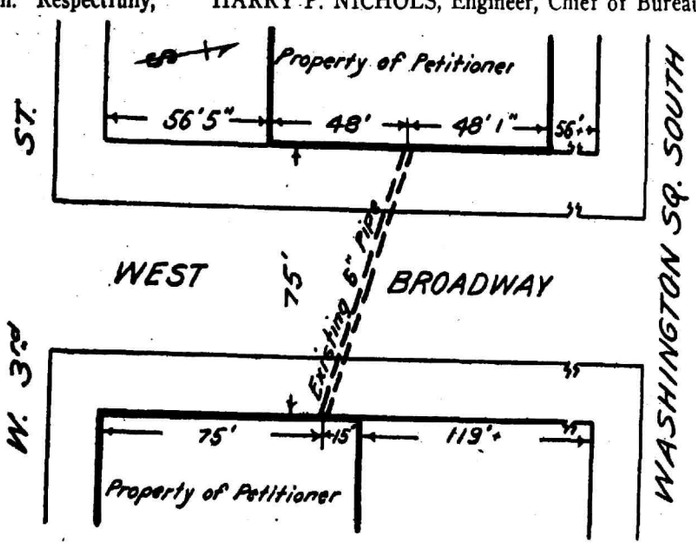
Copies of the petition, with accompanying plan, were forwarded to the President of the Borough of Manhattan and to the Commissioner of Water Supply, Gas and Electricity with a request that examinations be made by the various bureaus of their departments having jurisdiction with a view to ascertaining if there are any objections to the maintenance of the said pipe or any particular conditions necessary to be incorporated in the form of consent heretofore used by the Board for similar privileges. In replies dated, respectively, May 17 and May 10, 1916, I have been informed there are no objections to the pipe remaining in its present position and no particular conditions necessary to be inserted in the consent.

The customary examination by this Bureau disclosed no objection. The two buildings in question were formerly owned by one John B. Ireland, and by resolution adopted by the Board of Aldermen April 28, 1897, and approved by the Mayor May 11, 1897, consent was granted to him to connect the said premises by a steam pipe. In 1908 the Comptroller advised the Board that the said grantee had failed to make payment to the City of the annual charge provided in the said consent and requested its revocation, and it was revoked by resolution adopted by the Board March 6, 1908, and approved by the Mayor March 10, 1908, and the Borough President was directed to remove the said pipe at the expense of Mr. Ireland, which was done. At that time it was noted that the said premises were also connected by electric cables which were also caused to be removed. It now appears that in addition to the said steam pipe and the electric cables the buildings were connected by the six-inch pipe which the petitioner desires to continue to maintain and a pipe about four inches in diameter, formerly used to convey refrigeration between the said buildings. Neither of these pipes has been in use for many years, and during the inspection made by this Bureau on May 25, 1916, the abandoned four-inch refrigeration pipe was broken off at the ends and filled up at the building line with Portland cement, thus rendering it unfit for use of any kind.

As the administrative departments having jurisdiction find no objection to the pipe and the examination by this Bureau disclosed no objectionable features, 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 period of ten (10) years from the date of the approval of the consent by the Mayor, and revocable upon sixty (60) days' notice, and that it be made a condition of the consent that security in the sum of five hundred dollars ($500) be required; such security to be in the form of either cash or securities to be approved by and deposited with the Comptroller for the faithful performance of the terms and conditions of the consent.

West Broadway at this location is 75 feet in width. The pipe runs diagonally across the street and is 80.8 feet in length between building lines. At the rate heretofore fixed by the Board for private pipes in the City streets, viz., two dollars per linear foot for pipes not over 16 inches in diameter and less than 100 feet in length, the compensation should be the sum of one hundred and sixty-one and 60-100 dollars ($161.60) 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 consent is herewith submitted for adoption. Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.



Plan of Existing Pipe for Third Street Realty Co.

BUREAU OF FRANCHISES

The following resolution was offered:

Whereas, The Third Street Realty Company presented a petition dated April 27, 1916, to the Board of Estimate and Apportionment for permission to continue to maintain and use an existing six-inch pipe under and diagonally across West Broadway in the Borough of Manhattan, between West 3rd Street and Washington Square South, connecting premises of the Company on opposite sides of the said street, known as No. 567 West Broadway and Nos. 570-576 West Broadway; the said pipe to be used to contain cables for the conveyance of electric current between the said premises; 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 Third Street Realty Company, a domestic corporation, and the owner of premises known as Nos. 570-576 West Broadway and the lessee of premises known as No. 567 West Broadway, to continue to maintain and use an existing six-inch pipe under and diagonally across West Broadway from a point in the westerly building line of said street about 104 feet south of the southerly line of Washington Square South to a point in the easterly building line of said street about 134 feet south of the southerly building line of Washington Square South, connecting the said premises; the said pipe to be used to contain cables for the conveyance of electric current from a central plant located in the said premises on the westerly side of the said street to the premises on the easterly side for the sole and exclusive use of the petitioner, and for no other purpose; all as shown on the plan accompanying the petition, and entitled:

"Plan showing location of Electric Conduit now existing under West Broadway, Borough of Manhattan, to accompany application dated April 27, 1916, Third Street Realty Co. to the Board of Estimate and Apportionment, City of New York"

—and signed Henry Goldstein, President; a copy of which is attached hereto and made a part hereof upon the following terms and conditions:

1. This 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 one hundred and sixty-one and 60/100 dollars ($161.60) 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 rate of compensation shall continue up to the date of restoration of the street pavement after the removal of the structure from the street.

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 of 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 sub-structures 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. 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 five hundred dollars ($500.00), 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 five hundred dollars ($500.00), 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. 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 Deputy and Acting Comptroller, the President of the Board of Aldermen and the Presidents of the Boroughs of Manhattan, Brooklyn, The Bronx, Queens and Richmond—16.

Erection of Poles—Flatbush Manor, Brooklyn (Cal. No. 39).

Petition of Henry R. Potter and others, residents and property owners of Flatbush Manor, Brooklyn, against the erection of poles in that neighborhood, to carry electric feed wires, and requesting that the work be prevented and the Company be required to place its wires underground.

This petition was presented to the Board at the meeting of March 24, 1916 (Cal. No. 56) and was referred to the Bureau of Franchises.

The Secretary presented the following:

Bureau of Franchises, May 26, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—On March 1, 1916, Mr. Henry R. Potter, of 4415 Avenue L, Borough of Brooklyn, addressed the Board, advising that a petition was in course of circulation among the residents of Flatbush Manor, which is located in the Thirty-second Ward of the Borough of Brooklyn, against the erection of poles in that neighborhood for the purpose of carrying electric feed wires, and requesting that work of this character be prevented until action be taken upon the petition.

This Bureau, to which the communication was referred, notified the President of the Borough of Brooklyn and the Commissioner of Water Supply, Gas and Electricity of the receipt of this communication.

Under date of March 20 the petition referred to was addressed to the Board and was presented at the meeting held March 24, 1916, when it also was referred to this Bureau. Including Mr. Potter's name there are twenty-eight signatures attached to this document, which asks that the Board prevent the erection of poles by the electric lighting company in eight streets in Flatbush Manor within specified limits and that the electric lighting company be required to place its wires underground. It is stated that every one of the signers is absolutely determined that he will not allow a pole to be placed on his property and would appreciate aid now in order to forestall trouble later on.

Upon the receipt of the petition by the Bureau, communications were addressed to the President of the Borough of Brooklyn, the Commissioner of Water Supply, the Fire Commissioner and the Police Commissioner in relation to the matter, and under date of April 5, 1916, an inspection of the territory was made by a member of the Bureau. In answer to the communications to the various administrative officers the following replies were received:

Commissioner of Water Supply. Under date of March 25 the Commissioner addressed the Bureau advising, among other things, of the location of certain telephone poles in the streets covered by the petition and stating as follows:

"The district in which these poles are located is very sparsely built up and does not warrant an underground installation of wires. It is the recommendation of this Department that the petitioners' request be denied. There are some mantle gas lamps in these streets, but it is the intention of this Department to install electric lighting as soon as the pole lines are rebuilt.

Police Department. The Third Deputy Police Commissioner, under date of March 23, advises this Bureau that there are no police wires in the section known as Flatbush Manor, Brooklyn, and it is not contemplated to extend the police system through the streets referred to. Any action taken by the Board therefore would not affect the Police Department.

Fire Department. Under date of March 31 the Fire Commissioner replies to the bureau that the Fire Department has two wires on the telephone poles located on the south side of Flatlands Avenue, from Flatbush Avenue to Troy Avenue, to maintain a fire alarm box at the corner of Flatlands and Troy Avenues. The Department, however, has no other wires in the streets covered by the petition.

Inspection by Bureau. Inspection made by a member of this Bureau under date of April 5 revealed the fact that the streets referred to are located in what is apparently a development, but that the territory is not as yet very much built up. Large sections in the neighborhood are as yet undeveloped and the streets leading to Flatbush Manor have not as yet all been cut through. The houses were mainly one or two family houses, which necessarily restricts the demand for electric service in any particular street. Gas mains, gas lamps and water mains apparently exist in the various streets, but none of the roadways have been paved, though they all have been curbed and have concrete sidewalks.

The inspection revealed the fact that there are one hundred and forty houses in the streets specified in the petition, and that but twenty-eight of the owners or occupants signed the same.

Opposition to Petition. Under date of May 19, 1916, Mr. A. W. Richards, of 1978 Troy Avenue, and six other residents who state that they are owners of property therein, addressed this Bureau opposing Mr. Potter's petition because of the desire and necessity for electric light in some of the houses in Troy Avenue and the impracticability of getting the same except by the use of poles. Among other things, he states:

"As a matter of fact some of the houses are wired and the owners are without light in some rooms, as the fixtures are for electric only.

"We trust that you will see how vital and urgent a matter this is to us, and will take favorable action on the same. It seems hardly fair that because a minority of the residents, in this case largely tenants, are opposed to having the service extended into our district, we should be deprived of the advantage of electric current, especially under the circumstances as related above."

Legal Obstacles. As before stated, Flatbush Manor is located in the Thirty-second Ward of the Borough of Brooklyn. It is in this ward, as well as in the Thirtieth Ward, that The City of New York is at present contesting the validity of the franchises of the Edison Company, both directly and in connection with the action brought by the Amsterdam Electric Light, Heat and Power Company against the City. Previous consideration of applications of the character of Mr. Potter's since the start of the proceedings referred to have been denied by the Board on opinions of the Corporation Counsel because of the results that would flow from any action favoring such petitions.

Under date of June 4, 1915, in connection with the petition of one D. H. Plough, of 1340 Fiftieth Street, Brooklyn, which is located in the Thirtieth Ward, and which is included with the Thirty-second Ward in the proceedings between the City and the Company, the Corporation Counsel, after reviewing the situation, stated:

"Under these circumstances the Board of Estimate and Apportionment should not direct the Edison Electric Illuminating Company to extend its lines or place same underground in the Tnirtieth Ward of the Borough of Brooklyn."

In accordance with this opinion, the Board, under date of June 25, 1915, denied the petition of Mr. Plough.

In the proceedings with respect to a petition of the Twenty-eighth Ward Taxpayers' Protective Association of the Borough of Brooklyn, the Corporation Counsel held, under date of February 11, 1916:

"In view of the attitude of the City, set forth in the above letter" (from Bureau of Franchises) "respecting the validity of the franchises of the two companies herein mentioned, it is apparent that any action taken by your Board having for its object the compulsory regulation of said companies might, under the doctrine of estoppel, vitally affect the City's contentions; because such compulsory regulation might imply a recognition of the legality of the alleged franchises and of the right of the said Companies to transact business thereunder."

The petition in this case was also denied, in view of this opinion.

Under the circumstances, it would seem that there is no course open for the Board but to deny the petition, thereby permitting the Commissioner of Water Supply, Gas and Electricity to handle this situation as in his judgment he deems best, until such time as the settlement of the action between the City and the companies permits of a free hand on the part of the City in dealing with situations of this character.

A form of resolution denying the petition is therefore transmitted with this report. Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

A communication was received from Henry R. Potter requesting that action be deferred until June 16, 1916.

The following resolution was offered:

Whereas, Henry R. Potter of 4415 Avenue L, Thirty-second Ward, Borough of Brooklyn, and twenty-seven other residents of this section, locally known as Flatbush Manor, have petitioned this Board to direct the electric lighting company operating in this section, being the Edison Electric Illuminating Company of Brooklyn, to place its electrical conductors underground in certain streets and avenues in this section; and

Whereas, The Corporation Counsel, in two certain opinions to this Board, referred to in the report of the Bureau of Franchise presented to the Board this day, advises that this Board should not direct the Edison Electric Illuminating Company of Brooklyn to extend its lines or place the same underground in those wards in the Borough of Brooklyn in which the City is now contesting the validity of its franchises; and

Whereas, The City is at the present time contesting the validity of the franchise claimed by the Edison Electric Illuminating Company of Brooklyn in the Thirty-second Ward of the Borough of Brooklyn; now, therefore, be it

Resolved, That the hereinbefore mentioned petition of Henry R. Potter and twenty-seven others be and the same is hereby denied; and be it further

Resolved, That there be furnished to Henry R. Potter, on behalf of the petitioners, and Alvin W. Richards a copy of the report of the Bureau of Franchises presented to the Board this day and of this resolution and that the President of the Borough of Brooklyn, the Commissioner of Water Supply, Gas and Electricity, the Fire Commissioner and the Police Commissioner be notified of the denial of this petition.

Which was adopted by the following vote:

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

Astoria Light, Heat and Power Company (Cal. No. 40).

Revocation of consent to install, maintain and use a pipe under and across East 137th Street, east of Locust Avenue, Borough of The Bronx.

The Secretary presented the following:

Bureau of Franchises, May 24, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—By resolution adopted by the Board of Estimate and Apportionment June 8, 1911, and approved by the Mayor June 9, 1911, consent was granted to the Astoria Light, Heat and Power Company to install, maintain and use an eight-inch iron pipe under and across East 132nd Street at a point about 56 feet east of the easterly line

of Locust Avenue, Borough of The Bronx, for the purpose of conveying steam from the plant of the Company on the northerly side of the street to property leased by it on the southerly side and used as the site of a temporary hospital in connection with the Company's work of constructing a gas tunnel under the East River, the shaft of the said tunnel being located in the property on the northerly side of the street. The Company duly accepted the said consent and complied with the terms and conditions thereof, including the deposit of $500 security with the Comptroller, and installed the pipe. The consent expired by limitation on June 9, 1914, and it was continued for a further period of three years by resolution adopted by the Board July 2, 1914, and approved by the Mayor July 10, 1914, and the security was continued on deposit for the faithful performance of the terms and conditions of the new consent.

In a communication dated May 1, 1916, from the Department of Water Supply, Gas and Electricity, I have been informed that the Company has removed the pipe. Upon the receipt of said communication, the Office of the President of the Borough of The Bronx was requested to certify as to the removal of the pipe and the restoration of the street, and in a communication dated May 17, 1916, I was advised that the roadway has been satisfactorily restored.

In view of the fact that the pipe has been properly removed and the street restored to the satisfaction of the administrative departments having jurisdiction, there does not appear to be any reason why the consent should not be revoked and the security returned to the Company.

A resolution is therefore submitted revoking the consent and authorizing the Comptroller to return the security. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following resolution was offered:

Whereas, By resolution adopted by the Board of Estimate and Apportionment July 2, 1914, and approved by the Mayor July 10, 1914, consent was granted to the Astoria Light, Heat and Power Company to continue to maintain and use an eight-inch pipe under and across East 132nd Street at a point about 56 feet east of the easterly line of Locust Avenue, Borough of The Bronx, for the purpose of conveying steam from the plant of the grantee on the northerly side of the said street to property leased by it on the southerly side, the said pipe having been installed under the authority of a resolution adopted by the said Board on June 8, 1911, and approved by the Mayor June 9, 1911, and which said authority expired by limitation on June 9, 1914; and

Whereas, Pursuant to the said resolution authorizing the installation of the said pipe, the Company deposited with the Comptroller of The City of New York the sum of five hundred dollars ($500) as security for the faithful performance of the terms and conditions of the consent, and said security was continued on deposit with the said Comptroller under the later consent; and

Whereas, The President of the Borough of The Bronx and the Department of Water Supply, Gas and Electricity have certified to this Board that the said pipe has been removed and the street satisfactorily restored; all as more fully recited in a report from the Engineer, Chief of the Bureau of Franchises, presented at the meeting held this day; now, therefore, be it

Resolved, That the said consent adopted by this Board July 2, 1914, and approved by the Mayor July 10, 1914, granting consent to the Astoria Light, Heat and Power Company to continue to maintain and use an existing eight-inch pipe under and across East 132nd Street at a point about 56 feet east of the easterly line of Locust Avenue, Borough of The Bronx, be and it hereby is revoked; and be it further

Resolved, That the Comptroller of The City of New York be and he hereby is authorized and requested to return to the said Astoria Light, Heat and Power Company the security fund of five hundred dollars ($500) on deposit in his office for the faithful performance of the terms and conditions of the said consent; and be it further

Resolved, That this resolution shall not become effective unless and until the said Astoria Light, Heat and Power Company shall execute an instrument in writing, releasing The City of New York from any and all claims of any kind, character or description whatsoever, held, or claimed to be held, under the terms and conditions of the aforesaid consent, and agreeing to quit-claim, waive and surrender to The City of New York any and all rights and privileges in and upon said East 132nd Street, in the Borough of The Bronx, held, or claimed to be held, under or by virtue of the said consent, and file the same with the Board of Estimate and Apportionment of The City of New York.

Which was adopted by the following vote:

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

Kingsbridge Railway Company (Cal. No. 41).

Consent to continue to maintain and operate a standard gauge street surface railway track along and on the surface of 9th Avenue from 218th Street to a point north of 220th Street, Borough of Manhattan.

This application was presented to the Board at the meeting of May 19, 1916 (Cal. No. 75), and was referred to the Bureau of Franchises.

The Secretary presented the following:

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

The Kingsbridge Railway Company, by its petition, respectfully shows that:

First—Your petitioner is a street surface railroad corporation, duly organized and exisiting under and by virtue of the laws of the State of New York, and owns a street surface railroad in St. Nicholas Avenue, from 162nd Street to 168th Street, and in Broadway, from 168th Street to 225th Street, in the Borough of Manhattan, City, County and State of New York.

Second—On July 3, 1913, your Honorable Board, by resolution approved by the Mayor on July 11, 1913, granted to your petitioner consent to construct, maintain and operate a single track railway in Ninth Avenue, from 218th Street, where said track connected with an existing track in 218th Street in, upon and along Ninth Avenue for a distance of 590 feet to a point north of 220th Street, Borough of Manhattan.

Third—On August 11 your petitioner, by agreement, accepted the terms of the resolution.

Fourth—Under the resolution of July 3, 1913, the authority to maintain the tracks in Ninth Avenue, north of 218th Street, expired on June 1, 1914.

Fifth—By a resolution of your Honorable Board, adopted July 2, 1914, and approved by his Honor the Mayor July 10, 1914, and by resolution adopted June 11, 1915, and approved by his Honor the Mayor June 29, 1915, the authority to maintain these tracks has been continued and will expire on June 1, 1916.

Sixth—Your petitioner wishes to continue to maintain said track in Ninth Avenue, north of 218th Street; otherwise there will be no way for the New York Railways Company to remove its cars stored in the yard on the west side of Ninth Avenue, north of 218th Street.

Seventh—Your petitioner refers to and hereby makes a part of this petition the map dated June 13, 1913, filed with your Honorable Board with the petition dated June 14, 1913; said map was signed by Edward A. Maher, Vice-President, and T. F. Mullaney, Chief Engineer, and showed in red ink the track which the company then wished to maintain and still desires to keep in the street.

Wherefore your petitioner respectfully asks that your Honorable Board grant a consent for the continued maintenance of the track in Ninth Avenue for approximately 590 feet north of 218th Street, said consent to be for a term of one year and subject to the terms and conditions contained in the grant made on June 11, 1915.

Dated April 28, 1916.

KINGSBRIDGE RAILWAY COMPANY, by EDWARD A. MAHER, Vice-President.

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

Edward A. Maher, being duly sworn, deposes and says: that he is Vice-President of the Kingsbridge Railway Company, the petitioner in the foregoing petition; that he has read the said petition and knows the contents thereof, and that the same is true of his own knowledge, except as to the matters therein stated to be alleged on information and belief, and as to those matters he believes it to be true.

EDWARD A. MAHER.

Sworn to before me this 2d day of May, 1916. CHARLES WITZEL, Notary Public, Bronx County, N. Y. Certificate filed in N. Y. Co. Bronx Co., 21, Bronx Reg., 704. N. Y. Co., 27. N. Y. Reg., 7056. Commission expires March 30, 1917.

Bureau of Franchises, May 22, 1916.

Hon. JOHN PURROY MITCHEL, Mayor, Chairman of the Board of Estimate and Apportionment:

Sir—By resolution adopted by the Board of Estimate and Apportionment on July 3, 1913, and approved by the Mayor July 11, 1913, consent was granted to the Kingsbridge Railway Company to construct, maintain and operate, until June 1, 1914, a standard gauge street surface railway track along and on the surface of Ninth Avenue from 218th Street to a point a short distance north of 220th Street, in the Borough of Manhattan, in order that the Company might be enabled to store cars in vacant property on the westerly side of Ninth Avenue at about 220th Street. The Company accepted the consent and complied with the terms and conditions thereof, including the payment of four hundred dollars ($400) for the privilege and deposit of one thousand dollars ($1,000) with the Comptroller, and the track was installed. The consent has been renewed from year to year by resolution of the Board, the last consent being one adopted June 11, 1915, and approved by the Mayor June 29, 1915, and which will expire by limitation on June 1, 1916. Attention of the Company was called to the approaching expiration of the consent and it presented a petition dated April 28, 1916, to the Board for permission to continue the track for another year.

At the meeting of the Board held May 19, the petition was referred to the Bureau of Franchises for investigation and report.

Copies of the petition with accompanying plan were forwarded 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 continued maintenance and operation of the track or any particular conditions necessary to be incorporated in the form of consent heretofore used by the Board. In replies, dated respectively, May 16 and May 17, I have been informed there are no objections to the track and no particular conditions necessary to be inserted in the form of consent.

The customary examination on the ground by this Bureau disclosed no objection and as the administrative department having jurisdiction found none, 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 June 1, 1917, and revocable upon sixty (60) days' notice, and that it be made a condition of the consent that the security of one thousand dollars ($1,000) now on deposit with the Comptroller under the existing consent be continued on deposit for the faithful performance of the terms and conditions of the new consent.

The grantee should also be required to make payment for the privilege in the sum of four hundred dollars ($400) as in the previous consents.

The customary form of resolution so providing is herewith submitted for adoption. Respectfully, HARRY P. NICHOLS, Engineer, Chief of Bureau.

The following resolution was offered:

Whereas, By resolution adopted by the Board of Estimate and Apportionment, July 3, 1913, and approved by the Mayor July 11, 1913, consent was granted to the Kingsbridge Railway Company to construct, maintain and operate, until June 1, 1914, a standard gauge street surface railway track along and on the surface of Ninth Avenue from 218th Street to point a short distance north of 220th Street, in the Borough of Manhattan, and the grantee accepted the said consent and deposited the required security of one thousand dollars ($1,000) with the Comptroller and paid into the City Treasury compensation for the privilege in the sum of four hundred dollars ($400) and installed the track; and

Whereas, The said consent was renewed from year to year by resolutions adopted by the Board of Estimate and Apportionment July 2, 1914, and June 11, 1915, and respectively approved by the Mayor July 10, 1914, and June 29, 1915, and the last mentioned consent will expire by limitation on June 1, 1916; and

Whereas, The Kingsbridge Railway Company has presented a petition dated April 28, 1916, to the Board of Estimate and Apportionment for permission to continue to maintain and operate the said track for another year to June 1, 1917; 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 Kingsbridge Railway Company, a domestic corporation, to continue to maintain and operate a standard gauge street surface railway track along and on the surface of Ninth Avenue from 218th Street to a point a short distance north of 220th Street, in the Borough of Manhattan; the said track to connect with an existing track in 218th Street and to have a total length from said point of connection of 590 feet; all as shown on a plan attached to the resolution adopted by this Board July 3, 1913, and approved by the Mayor July 11, 1913, granting its consent to the installation of the said track, and entitled:

"Map accompanying petition of the Kingsbridge Railway Company to the Board of Estimate and Apportionment dated June 13, 1913, showing track on Ninth Avenue north of 218th Street."

—and signed Edward A. Maher, Vice-President; T. F. Mullany, Chief Engineer. This consent is granted upon the following terms and conditions:

1. This 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 June 1, 1917, and thereupon all rights of the grantee in said street by virtue of this consent shall cease and determine.

In the event of the City desiring to pave Ninth Avenue at this location, the grantee shall, when so directed by the President of the Borough, remove the said track and all appurtenances from the streets, and this consent shall then be deemed to expire upon the date of completion of the work of removing the said track, and it is understood that the City will not permit the existence of the said track in said avenue after it shall be paved.

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 dollars ($400) Such payment shall be made within sixty (60) days of the approval of this consent by the Mayor.

Such payment 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 track and the mode of protection or changes in all subsurface structures required by the construction of the track.

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 track hereby authorized, and the grantee shall pay the City the expense incurred by such removal.

7. The track shall be constructed and operated in the latest improved manner of railroad construction and operation and solely upon the terms and according to the lines and surveys to be approved by the President of the Borough. The top of rails shall be laid flush with the surface of the roadway, and the grade of the roadway and sidewalks shall be altered and drainage provided as shall be directed and approved by the President of the Borough. The character of the rails and other parts of the construction shall also be approved by the said official and the track shall be maintained in good condition throughout the term of this contract by the said grantee.

8. The cars shall be operated over this track only by horse power. Said track shall be constructed, maintained and operated subject to the supervision and control of the proper authorities of The City of New York who have jurisdiction in such matters under the Charter of The City of New York.

9. The grantee shall at all times keep the entire street between the rails of the track and for a distance of two feet beyond the rails on either side thereof free and clear from ice and snow.

10. Said grantee shall pave and keep in permanent repair the portion of the surface of the streets and sidewalks between the rails of the tracks and for a distance of two feet on either side thereof under the supervision of the proper local authorities and whenever required by them to do so and in such manner as they may prescribe.

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

12. Said grantee shall be liable for all damages to persons or property, including the street and subsurface structures therein, by reason of the construction, operation or maintenance of said track, and it is made a condition of this consent that The City of New York assumes no liability to either persons or property on account of this consent.

13. This consent is granted upon the further and express condition that the provisions of the Railroad Law applicable thereto, and all laws or ordinances now in force, or which may hereafter be adopted, shall be strictly complied with.

14. This consent is upon the express condition that the security deposit of one thousand dollars ($1,000) heretofore deposited with the Comptroller of The City of New York in accordance with the terms and conditions of the resolution adopted by this Board on July 3, 1913, and approved by the Mayor July 11, 1913, and continued on deposit with the Comptroller in accordance with the terms and conditions of the resolutions adopted by this Board on July 2, 1914, and approved by the Mayor July 10, 1914, and adopted by this Board on June 11, 1915, and approved by the Mayor June 29, 1915, shall be continued on deposit with the said Comptroller as security for the faithful performance of all of the terms and conditions of this consent. 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 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, 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.

15. 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 work is completed, not later than ten (10) days after such dates.

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

Estate of E. H. Cushman (Cal. No. 42).

Application to continue to maintain and use a portion of a vault in front of premises 161 West 23rd Street, Borough of Manhattan.

This application was presented to the Board at the meeting of January 22, 1915 (Cal. No. 95), and was referred to the Bureau of Franchises.

The Secretary presented the following:

December 21, 1914.

Board of Estimate and Apportionment, Room 1307 Municipal Building, New York:

Re 161 W. 23rd St. Estate of E. H. Cushman.

Gentlemen—Some years ago the City ordered 23rd Street widened, taking 6½ ft. off the south sidewalk and 6½ ft. off the north sidewalk. In accordance with permission granted by the Department of Public Works at that time I, as well as a great many others, was allowed to put in steel I beams and arches and girders under the curb, so as to allow the street to be built above the portion of the vault, which would still extend beyond the new curb line and could be occupied. This left an available vault space which in some cases it was desirable to continue in use, even though the headroom was considerably curtailed. I have been informed that the Department of Public Works, which has jurisdiction over the vaults, cannot issue a permit to occupy the space under the roadway, as the jurisdiction of that department extends to the curb line only and ceases beyond the curb.

The building is occupied by a restaurant and the vault is used to contain a refrigerator, a coat closet, locker and coal.

The Department of Public Works claims that the original owner who built the vaults, but who is not the present owner, never paid for the vault privilege, and said Department has refused to accept payment for the vault extending from the building line to the curb line until I am able to inform the Department as to the attitude of your Board relative to the portion of the vault extending south of the curb line 6 feet 6 inches under the roadway.

I therefore beg to request permission to continue to maintain and use the existing portion of the vault under the roadway, in connection with my building and for the use of myself or tenants.

I am enclosing a plan which defines more clearly the existing conditions.

Yours very truly, HENRY MERRITT, Agent for Estate of E. H. Cushman.

Bureau of Franchises, May 22, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—The Estate of E. H. Cushman presented a petition dated December 21, 1914, to the Board of Estimate and Apportionment, requesting permission to continue to maintain and use a portion of a vault in front of No. 161 West 23rd Street, Borough of Manhattan, extending under the roadway a distance of 6 feet 6 inches beyond the northerly curb line of said street and for the entire 25 feet of width of the said premises. The petition recited that some years ago the City set back the curb of the northerly sidewalk of 23rd Street a distance of 6½ feet and the petitioner was directed to reconstruct the portion of the vault extending beyond the new curb line so as to properly support the roadway; that subsequently the Department of Public Works claimed that the entire vault in front of the said building had never been paid for and refused to accept payment for the portion under the existing sidewalk until the matter of the portion beyond the sidewalk under the roadway had been passed upon by the Board of Estimate and Apportionment.

At the meeting of the Board held January 22, 1915, the petition was referred to the Bureau of Franchises for investigation and report.

From communications received at that time from the office of the Corporation Counsel, it appeared that the question of this unauthorized vault had been placed in the hands of the Bureau for the Recovery of Penalties and it withheld action pending the result of the petition to the Board.

Action on this petition was deferred pending the result of inquiry into the similar case of the petition of Walter J. Salomon, involving a portion of a vault extending beyond the curb of West 42nd Street west of Fifth Avenue, Manhattan, the curb having also been set back by the City, with a resultant similar condition.

Subsequently, copies of the petition with accompanying plan were forwarded 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 continued maintenance of the portion of the vault outside of the curb or any particular conditions necessary to be incorporated in the form of resolution heretofore used by the Board on granting revocable consents for private privileges in the City streets. In replies dated, respectively, December 16 and November 15, 1915, it was stated that there are no objections to the continuance of the structure. The reply from the office of the Borough President, however, suggested the consent provide that the entire structure be removed from the roadbed upon the termination of the consent.

The customary investigation on the ground was made by this Bureau and the matter of the form of resolution granting consent taken up with the petitioner's attorney, Mr. Robert H. Koehler, and, after a number of conferences, a communication was received from the said attorney under date of April 20, 1916, withdrawing the petition and stating:

"* * * that the Borough President has issued an order with respect to this vault, which the owner of the building will promptly comply with. We had a conference with the Superintendent of Highways at which the Borough President's order was discussed and arrangements satisfactory to him agreed upon."

A communication was addressed to the Borough President requesting a copy of such order and in a reply dated May 8, 1916, from the Commissioner of Public Works, I was informed that a solution of the matter had been proposed on behalf of the Estate which was satisfactory to his Department.

In view of this statement and the withdrawal of the petition, I would suggest that the papers be ordered filed and a copy of this report forwarded to the Corporation Counsel for his information. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

The papers were ordered filed and the Secretary was directed to forward a copy of the report to the Corporation Counsel.

Kips Bay Brewing and Malting Company (Cal. No. 43).

Acceptance of consent to install, maintain and use a pipe under and along East 37th Street to the East River bulkhead, Borough of Manhattan.

This consent was granted by resolution adopted May 5, 1916 (Cal. No. 68), approved by the Mayor May 17, 1916.

The Secretary presented the following:

Bureau of Franchises, May 26, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—By resolution adopted by the Board of Estimate and Apportionment May 5, 1916, approved by the Mayor May 17, 1916, the Kips Bay Brewing and Malting Company was granted the consent, right or privilege to construct, maintain and use a pipe under and along East 37th Street, from a point about 177 feet east of the easterly line of First Avenue to the East River bulkhead, for the purpose of obtaining salt water for condensation purposes.

Section 15 of the consent provides,

"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."

Under and pursuant to the above quoted section, the Company presented an agreement dated May 23, 1916. This agreement has been approved by the Corporation Counsel and is on file in this office. Certified copies of the approved resolution have been forwarded to the Company and to the officials interested. It is recommended that the papers be filed. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

Holmes Electric Protective Company (Cal. No. 44).

Forms of contract of Watchmen's Supervisory Signal Service and Temporary Burglar Alarm Service of the Holmes Electric Protective Company submitted under contract of October 14, 1914, granting said Company a franchise.

The Secretary presented the following

Holmes Electric Protective Company, Executive Offices, 6 Cortlandt Street, New York, May 23, 1916.

Board of Estimate and Apportionment of The City of New York, Mr. JOSEPH HAAG *Secretary,* Municipal Building, New York City:

Dear Sirs—Pursuant to the provisions of Article Fifteenth of Section 2 of the Contract between The City of New York and this Company, dated October 14, 1914, we send you herewith certified copies of the following revised forms of contract now used by this Company, viz.:

Revised form of contract for Watchman's supervisory signal service referred to in subdivision (c) of said Article.

Revised form of contract for temporary burglar alarm service referred to in subdivision (d) of said Article.

Yours very truly, EDW. F. FISHER, Vice-President.

Bureau of Franchises, May 29, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Pursuant to the provisions of its contract with the City, dated October 14, 1914, the Holmes Electric Protective Company, under date of November 14 of that year, submitted to the Board certified forms of all the contracts used by it with subscribers for its various classes of service. These forms were reported upon by this Bureau on December 11, 1914, as being satisfactory, and the same were ordered filed.

There have now been received a modification of the form applying to Watchman's supervisory signal service and a modification of the form applying to temporary burglar alarm service. These have been examined and found to be substantially the same as those heretofore submitted, except that the provisions and conditions contained therein are more in detail and more clearly set forth the relations between the Company and its subscriber. It does not appear that any change in rate is contemplated, and no such change could be made, as the maximum rates are specified in the contract.

As the present modified forms appear to comply with the provisions of the contract between the Company and the City, it is recommended that the same be filed.

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

The papers were ordered filed.

Sigmund Ullman Company (Cal. No. 45).

Acceptance of consent to install, maintain and use a pipe under and along East 146th Street east of Park Avenue, Borough of The Bronx.

This consent was granted by resolution adopted May 5, 1916 (Cal. No. 71) and approved by the Mayor May 17, 1916.

The Secretary presented the following:

Bureau of Franchises, May 29, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—By resolution adopted by the Board of Estimate and Apportionment May 5. 1916, approved by the Mayor May 17, 1916, Sigmund Ullman Company was granted permission to install, maintain and use a pipe under and across East 146th Street east of Park Avenue, Borough of The Bronx, connecting properties of the applicant on opposite sides of the street, and to be used to contain pipes to convey steam, oil, ink and electric current.

Section 15 of said 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 from 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 Company presented an agreement dated May 24, 1916. This agreement has been approved by the Corporation Counsel and is on file in this office. Certified copies of the approved resolution have been forwarded to the Company and to the officials interested. It is recommended that the papers be filed. Respectfully,

HARRY P. NICHOLS, Engineer, Chief of Bureau.

Which was ordered filed.

COMMUNICATIONS, PETITIONS, ETC.

From Citizens and Public Bodies.

Board of Estimate and Apportionment—Request for Permission to Consult Reports (Cal. No. 46).

The Secretary presented a communication dated May 29, 1916, from the Director, Institute for Public Service, requesting adoption of a resolution to the effect that reports which are summarized on the Calendar of the Board may be consulted by citizens in the interval between the closing of the Calendar and the meeting of the Board, as, at present, the Secretary of the Board considers that he is not authorized to permit public access to the full reports until after they have been submitted to the Board at its meeting.

Which was referred to the Committee on Organization of the Board.

New York Central Railroad Company—Alteration and Improvement of Tracks and Structures on the West Side of the City (Cal. No. 47).

The Secretary presented a communication dated May 25, 1916, from the Advisory Council of the Real Estate Interests, approving of the plans tentatively agreed upon by the Committee on Port and Terminal Facilities and the New York Central Railroad Company for the improvement of the west side of Manhattan Island.

Which was referred to the Committee on Port and Terminal Facilities.

Department of Public Charities and Other City Departments—Payment of Prevailing Rate of Wages to Bakers and Foreman Bakers (Cal. No. 48).

The Secretary presented a communication, dated May 24, 1916, from the Attorneys for the Bakery and Confectionery Workers International Union of America, Local No. 261, submitting petition requesting the Board to reconsider its action of February 11, 1915 (Cal. No. 16), denying the petition of said Union for the establishment of the rate of $4 per day for bakers in the Department of Public Charities and requesting the Board to fix the Union rate for said employment at $4 per day or $1,240 per annum.

Which was referred to the Committee on Salaries and Grades.

Bronx Parkway Commission—Acquisition of Additional Property for the Parkway (Cal. No. 49).

The Secretary presented a communication, dated May 26, 1916, from the President of the Bronx Parkway Commission, referring to the resolution adopted by the Board on June 5, 1913 (Cal. No. 10), approving, pursuant to chapter 594 of the Laws of 1907, as amended, of the acquisition of the lands described in said Act, exclusive of the "reduced areas" shown in hatched green on a map entitled "Map of Bronx River Parkway Reservation, etc.," approved by the Commission on April 5, 1912, and submitted to the Board of Estimate and Apportionment on April 24, 1912, with the report of said Commission.

The communication states that among the reduced areas, the acquisition of which was not approved by the Board, was included a small tract adjoining the New York Central Railroad tracks at White Plains, which is owned by Mrs. Katherine Ferris, who is also the owner of adjoining parcels 3 and 26, sheet No. 24 of the Bronx Parkway Commission maps, and owing to the fact that the acquisition of said parcels 3 and 26 by the Commission will deprive the remaining lands in the tract, included in the "reduced areas," of access to a highway, the Commission has been unable to agree upon the price to be paid for said parcels 3 and 26, as the owner claims that if so cut off she will sustain damages substantially equal to the value of the land.

The Commission therefore recommends that the tract in question be acquired for parkway purposes, and requests the Board to approve of the acquisition of that portion of the "reduced areas" above referred to and as outlined in yellow on the map, a copy of which is submitted with the communication.

The matter was referred to the Comptroller.

John H. Parker Company—Claim of (Cal. No. 50).

The Secretary presented a claim of the John H. Parker Company, pursuant to Chapter 614 of the Laws of 1916, in the sum of $47,110.08, for work, labor and services rendered and for materials furnished the City in removing the old Hall of Records, in City Hall Park, and for expenses incurred in connection with such removal, during the period from January 1 to about April 15, 1903.

Which was referred to the Comptroller.

New York Sporting Goods Company (Cal. No. 51).

The Secretary presented an application of the New York Sporting Goods Company for permission to install, maintain and use a pipe under Warren Street, connecting premises No. 10 Warren Street, leased by the applicant, with premises Nos. 15 to 17 Warren Street, Borough of Manhattan, also leased by the applicant, and to contain pneumatic tubes, electric wires and cables.

Which was referred to the Bureau of Franchises.

New York, New Haven and Hartford Railroad Company (Cal. No. 52).

The Secretary presented an application of the New York, New Haven and Hartford Railroad Company for permission to continue to maintain and use a conduit or electrical duct line across Bungay or East 149th Street, at a point about 650 feet north of the bulkhead line, Borough of The Bronx.

This consent was granted by resolution adopted June 25, 1915 (Cal. No. 81), approved by the Mayor June 29, 1915, and will expire by limitation June 4, 1916.

The application was referred to the Bureau of Franchises.

New York Railways Company (Cal. No. 53).

The Secretary presented a communication from the Public Service Commission for the First District, transmitting and serving upon the City certified copy of order adopted by the Commission, directing the New York Railways Company to change the motive power on its Madison Street and Avenue C Lines, Borough of Manhattan.

Which was ordered filed.

Nassau Electric Railroad Company (Cal. No. 54).

The Secretary presented a communication from the Public Service Commission for the First District, transmitting and serving upon the City certified copy of order in case No. 2092 adopted by the Commission, granting the application of the Nassau Electric Railroad Company for permission to construct an extension of its railroad on 8th Avenue from 39th Street to Bay Ridge Avenue, Borough of Brooklyn.

The franchise was granted by contract dated April 3, 1916.

The communication was ordered filed.

Jay Street Connecting Railroad (Cal. No. 55).

The Secretary presented a communication from the Public Service Commission for the First District transmitting and serving upon the City certified copy of order in case No. 2084, adopted by the Commission, permitting the Jay Street Connecting Railroad to exercise amended franchise for the construction of an extension of its railroad on John Street and other streets, Borough of Brooklyn.

This franchise was granted by contract dated November 15, 1915.

The communication was ordered filed.

Brooklyn Eastern District Terminal (Cal. No. 56).

The Secretary presented a communication from the Public Service Commission for the First District transmitting and serving upon the City certified copy of order in case No. 2044, adopted by the Commission, granting the application of the Brooklyn Eastern District Terminal for permission to acquire certain capital stock of other corporations.

Which was ordered filed.

Brooklyn Heights Railroad Company (Cal. No. 57).

The Secretary presented a communication from the Public Service Commission for the First District transmitting and serving upon the City certified copy of order in case No. 2090, adopted by the Commission, granting the application of the Brooklyn Heights Railroad Company for permission to construct and operate an extension of its railroad on Fresh Pond road, from the Lutheran Cemetery Line to Myrtle Avenue, Borough of Queens.

The franchise to construct this extension was granted the Brooklyn City Railroad Company by contract dated April 3, 1916, and the right was leased to the Brooklyn Heights Railroad Company under consent of this Board.

The communication was ordered filed.

Union Railway Company of New York City (Cal. No. 58).

The Secretary presented a communication from the Public Service Commission for the First District, transmitting and serving upon the City certified copy of order in Case No. 2021, adopted by the Commission, granting the application of the Union Railway Company of New York City for the approval of the exercise of an amended franchise for extensions on 136th and other streets, Boroughs of Manhattan and The Bronx.

This franchise was granted by contract dated April 3, 1916.

The communication was ordered filed.

Brooklyn, Queens County and Suburban Railroad Company (Cal. No. 59).

The Secretary presented a communication from the Public Service Commission for the First District, transmitting and serving upon the City certified copy of order in case No. 2091, adopted by the Commission, granting the application of the Brooklyn, Queens County and Suburban Railroad Company for permission to construct and operate an extension of its railroad on Metropolitan Avenue, from Dry Harbor Road to Jamaica Plank Road, Borough of Queens.

This franchise was granted by contract dated April 3, 1916.

The communication was ordered filed.

Robert Gair Company (Cal. No. 60).

The Secretary presented a communication from Robert Gair Company withdrawing its application for permission to erect and maintain a tunnel in Front and Washington Streets, from the northeast corner of Front and Washington Streets, then crossing at right angle to the opposite curb line of said street, Borough of Brooklyn, as the water mains in the street would have to be relocated and the Company has decided to reduce the size of the tunnel so that it will not interfere with the existing mains.

This application was presented to the Board at the meeting of April 7, 1916 (Cal. No. 59) and was referred to the Bureau of Franchises.

The papers were ordered filed.

Milliken Bros., Incorporated (Cal. No. 61).

The Secretary presented a communication from Milliken Bros., Incorporated, cancelling its application for permission to continue to maintain and use two pipes under and across the Shore Road or Richmond Terrace, at Howland's Hook, Borough of Richmond.

This application was presented to the Board at the meeting of May 5, 1916 (Cal. No. 94), and was referred to the Bureau of Franchises.

The papers were ordered filed.

Hudson Freight Terminal Company (Cal. No. 62).

The Secretary presented a communication from the Hudson Freight Terminal Company advising that it has applied to the Public Service Commission for the First District for a certificate of convenience and necessity to construct, maintain and operate a four-track subway from Newark, New Jersey, under the Hudson and East Rivers to the Borough of Brooklyn, and under the Narrows to the Borough of Richmond, for the carriage of passengers and property.

Which was ordered filed.

From City, Borough and County Officials.

Board of Assesors—Advertising for Claims in Connection with Grade Changes, Pursuant to Chapter 516, Laws of 1916 (Cal. No. 63).

The Secretary presented a communication dated May 22, 1916, from the President of the Board of Assessors, stating that chapter 516 of the Laws of 1916 makes it the duty of the Board of Assessors to advertise for claims in connection with any physical change in the grade of a street, and requesting, in order that those having these matters in charge may be advised of the necessity of reporting all such work to the Board of Assessors, that a resolution be adopted by the Board of Estimate and Apportionment, requesting the Public Service Commission for the First District, the Department of Plant and Structures, the Park Department, the Department of Water Supply, Gas and Electricity, the Board of Water Supply and the Presidents of the five Boroughs to certify to the Board of Assessors the title, cost and location of all contracts involving the physical change in the grade of a street, whether it be in the sidewalk, curbing or roadway.

The communication was referred to the Chief Engineer for report to the Committee of the Whole at an executive meeting to be held on Wednesday, June 7, 1916.

Rockaway Road Between the Brooklyn Conduit and the City Line, Borough of Queens—Relief from Assessment in Proceeding for Acquiring Title (Cal. No. 64).

The Secretary presented a communication dated May 29, 1916, from the President of the Borough of Queens, requesting that the petition of property owners within the area of assessment in the proceeding to open Rockaway road between the Brooklyn Conduit and the City line, together with this communication, be referred to the Committee on Assessments for their consideration, and that they be requested to report thereon at the earliest date, after the property owners involved have been afforded an opportunity to be heard.

The Borough President states that tentative awards have been made, or are about to be made, and it is now possible for the Board to accurately determine the burden that will be cast upon the property owners in the local area, and it is now an opportune time to have the question of the application of the Gerhardt Law considered by the Board after a report by its Committee.

The Secretary also presented a petition from Truman H. & George E. Baldwin, on behalf of property owners, dated June 1, 1916, requesting the Board to place 85 per cent. of cost of the improvement on the City at large and 15 per cent. upon the Borough of Queens, or, if that be not possible, same to be apportioned in accordance with recommendation of the President of the Borough of Queens in a report presented to the Board on March 21, 1912, relative to the sources of traffic in relation to the roads leading to Rockaway Road at the Conduit, namely, Manhattan, 54.4 per cent., Brooklyn, 18.7 per cent., The Bronx, 5.9 per cent., Richmond .9 per cent. and Queens, 20.1 per cent.

Thomas Wilson, representing Philip B. La Roche, appeared in support of the petition.

(At the meeting of the Board on October 23, 1914 (Cal. No. 43), petitions for relief from assessment in this proceeding were denied by the Board, without prejudice to their renewal should evidence for the need of such relief become apparent when the preliminary report of the Commissioners has been filed.)

(Petitions submitted by R. W. Kellogg, John Lyon and the House and Home Company for relief from assessment in this proceeding were transmitted by the Secretary of the Board to the Chief Engineer on April 21, 28 and May 2, 1916, respectively.)

The communication and petition were referred to the Committee on Assessments.

"The Dyckman House Park" on the Northerly Corner of Broadway and West 204th Street, Borough of Manhattan—Cession of Additional Property (Cal. No. 65).

(On November 12, 1915 (Cal. No. 2), the Board adopted resolutions laying out this park on the City Map, accepting the park on behalf of the City and authorizing the Corporation Counsel to accept deeds of cession.)

(On February 4, 1916 (Cal. No. 118), a communication was presented from the Commissioners of the Sinking Fund, transmitting resolution adopted by said Commission on January 26, 1916, approving the resolution adopted by this Board and requesting that the Corporation Counsel be authorized to accept the proper deeds of cession to the above-mentioned property and to have the deeds recorded in the manner required by law.)

The Secretary presented a communication, dated May 24, 1916, from the Commissioner of Parks, Boroughs of Manhattan and Richmond, submitting communication from Mrs. Bashford Dean and Mrs. Alexander McMillan Welch, daughters of the late Isaac Michael Dyckman, and owners of the "Dyckman House," which, with the abutting property, has been presented to the City for the purposes of a public park and public museum, and stating that the donors now desire to complete their gift to the City in connection with the Dyckman Park, and in submitting this communication deems it proper that attention be called to their generosity in not only turning over to the City the original Dyckman House, but to their efforts in acquiring this additional property, so that the boundary of the new park may be properly rounded out.

(Blue prints showing the diagram of the entire property, together with the proposed addition, are submitted with the communication.)

James B. Davenport, representing property owners in the neighborhood, expressed the gratitude of those property owners to the donors of the gift.

The communication was referred to the President of the Borough of Manhattan and the Chief Engineer of the Board.

Bellevue and Allied Hospitals—Transfer of Automobile from Central Garage (Cal. No. 66).

The Secretary presented a communication, dated May 24, 1916, from the Secretary, Board of Trustees, Bellevue and Allied Hospitals, requesting the transfer from the Central Garage to Bellevue and Allied Hospitals of a suitable automobile, with the necessary accessories and equipment, for the use of the Administrative Officers.

Which was referred to the Commissioner of Plant and Structures for report.

Franchise Matters; Resolutions Approved by Mayor (Cal. No. 67).

The Secretary presented communications from the Mayor's Office, returning duly approved by His Honor, the Mayor, on May 17, 1916, resolutions adopted by this Board May 5, 1916, as follows:

(a) Amending contract dated June 15, 1915, granting the Far Rockaway Transportation Company, Inc., the right to maintain and operate stages or omnibuses in certain streets in Far Rockaway and Rockaway Park, Borough of Queens, by relieving the Company from operating all or a portion of certain routes during several portions of the year.

(b) Granting the Jay Street Connecting Railroad the right to eliminate certain connections and construct additional connections to the railroad authorized by contract dated June 29, 1911, as amended by contract dated November 15, 1915, so as to more fully serve the purposes of the Robert Gair Company.

(c) Granting the Kips Bay Brewing and Malting Company permission to install, maintain and use a pipe under and along East 37th Street from a point about 177 feet east of First Avenue to the East River, Borough of Manhattan, for the purpose of obtaining salt water for condensation purposes.

(d) Granting Robert Gair Company permission to construct, maintain and use a tunnel under and across Front Street west of Washington Street, Borough of Brooklyn.

(e) Granting the Ice Manufacturing Company permission to continue to maintain and use a pipe under and along East 136th Street from the ice plant on Madison Avenue easterly along said street and Madison Avenue to the bulkhead at the Harlem River, Borough of Manhattan.

(f) Granting Sigmund Ullman Company permission to install, maintain and use a pipe under and across East 146th Street east of Park Avenue, Borough of The Bronx.

(g) Revoking consent granted Scranton and Wyoming Coal Company, Inc., to continue to maintain and use a platform scale in the roadway of East 20th Street east of Avenue B, Borough of Manhattan.

(h) Revoking consent granted F. M. Schildwachter to maintain and use a platform scale in the southerly roadway of East 149th Street west of Exterior Street, Borough of The Bronx, and also a frame office building on the sidewalk area opposite said scale.

Designating newspapers as follows:

(i) The Sun and the New York Times as the two daily newspapers in which the petition and notice of hearing thereon of the Nassau Electric Railroad Company for renewal of franchise on Livingston Street, Flatbush and Lafayette Avenues from Court Street to Fulton Street, Borough of Brooklyn, shall be published prior to the hearing on June 2, 1916.

(j) The Evening World and the Press as the two daily newspapers in which the petition and notice of hearing thereon of the Automatic Scoreboard Company, Inc., for a franchise to construct, maintain and operate electrical conductors for the purpose of operating automatic baseball scoreboards shall be published prior to the hearing on June 2, 1916.

(k) The Globe and the New York Tribune as the two daily newspapers in which the petition and notice of hearing thereon of the City Island Motor Bus Company, Inc., for a franchise shall be published prior to the hearing on June 2, 1916.

Returning duly approved by His Honor the Acting Mayor on May 27, 1916, resolutions adopted by this Board May 19, 1916, as follows:

(l) Granting Elder and Wells permission to install, maintain and use a pipe under and along West 17th Street, from its premises, 444 West 17th Street, to the Hudson River, Borough of Manhattan.

(m) Granting the Universal Free Iced Water Company, Inc., permission to install, maintain and operate drinking water fountains in designated locations and automatically vend paper drinking cups.

(n) Granting Leo Schlesinger and Company permission to install, maintain and use a conduit under and across Greene Street, north of Broome Street, Borough of Manhattan.

(o) Revoking consent granted A. D. Matthews Sons to install, maintain and use a tunnel under and across Livingston Street, between Gallatin Place and Smith Street, Borough of Brooklyn.

Which were ordered filed.

MATTERS LAID OVER FROM PREVIOUS MEETINGS.

Grandview Avenue, from Metropolitan Avenue to Stanhope Street, and from Linden Street to Forest Avenue, Borough of Queens—Assessment in Proceeding for Acquiring Title (Cal. No. 68).

(This matter was referred to a special committee of the Board on May 22, 1913, and subsequently, on January 30, 1914, under a reassignment of matters pending in committees of the Board, was referred to the Committee on Assessments.)

(A communication from the Jamaica Citizens' Association, recommending the assumption by the City of assessments for street improvements which would ordinarily fall upon cemetery lands, was referred to the Committee on February 6, 1914 (Cal. No. 4).)

(On February 19, 1915 (Cal. No. 22), the report of the Committee on Assessments was presented, the matter was laid over until May 7, 1915, and the Corporation Counsel was requested to suspend action in the opening proceeding until the Board had disposed of the applications for relief from assessment.)

(On May 7, 1915 (Cal. No. 109), there was presented a communication from the Corporation Counsel, dated March 22, 1915, advising that the motion to confirm the report of the Commissioners in the opening proceeding was adjourned at a Special Term, Kings County, on February 26, 1915, until May 14, 1915. At said meeting the matter was laid over until June 4, 1915, and the Secretary was directed to notify the Corporation Counsel of this action, in order that a further adjournment of the motion for confirmation of the Commissioners' report might be requested.)

(On June 4, 1915 (Cal. No. 59), a communication from John Blatz, dated June 2, 1915, requesting relief from assessment in the proceeding was presented, the entire matter was laid over until June 18, 1915, and referred to the Chief Engineer for report as to the terms under which the proceeding might be discontinued or amended.)

(On June 18, 1915 (Cal. No. 132), the matter was laid over until May 19, 1916, pending action by the Legislature on proposed legislation, and the Corporation Counsel was requested to defer action in the opening proceeding until the Board has disposed of the applications for relief from assessment.)

(On May 19, 1916 (Cal. No. 102), the matter was laid over until this meeting.)

The Secretary presented a report of the Committee on Assessments recommending denial of the petitions for relief from assessment in the proceeding for acquiring title to Grandview avenue, from Metropolitan avenue to Stanhope street, and from Linden street to Forest avenue, Borough of Queens, and report of the Chief Engineer of the Board, recommending that in case the property owners who have been objecting to the proceeding are disposed to consider a change in the street plan, a public hearing be given on a tentative map showing the character of the changes now suggested, with the understanding that its approval would be followed by the adoption of a final plan and a corresponding amendment of the opening proceeding and district of assessment, provided, however, that the owners of property which would not be taken under the proceeding as amended are prepared to file a release from damage claims which might otherwise be presented.

Thomas Wilson, representing Philip B. La Roche, appeared on behalf of the petitioners.

The matter was referred to the Committee of the Whole, and the Secretary was directed to request the Corporation Counsel to withhold application for confirmation of the report of Commissioners of Estimate and Assessment in the proceeding, pending action by this Board on the petition for relief from assessment.

Department of Parks, Borough of The Bronx—Issue of Corporate Stock (Cal. No. 69).

The Secretary presented a report of the Committee on Corporate Stock Budget recommending an authorization of corporate stock in the amount of $45,500 for the purpose of repaving the Eastern Boulevard in Pelham Bay Park from Split Rock Road to the northerly boundary of the Park, Borough of The Bronx.

(On May 26, 1916 (Cal. No. 23), the matter was laid over until this meeting, under Rule 19.)

The matter was laid over for one week (June 9, 1916).

Department of Street Cleaning—Issue of Corporate Stock (Cal. No. 70).

The Secretary presented a report of the Committee on Corporate Stock Budget recommending the authorization of $40,000 corporate stock to provide for the construction of a stable building for the Department of Street Cleaning upon land owned by the City, in the vicinity of 18th avenue and 58th street, Borough of Brooklyn.

(On May 26, 1916 (Cal. No. 24), the matter was laid over until this meeting, under Rule 19.)

The matter was laid over for one week (June 9, 1916).

Department of Plant and Structures—Issue of Corporate Stock (Cal. No. 71).

The Secretary presented a report of the Committee on Corporate Stock Budget recommending the authorization of $60,000 corporate stock for repaving the approaches of the Williamsburg Bridge.

(On May 19, 1916 (Cal. No. 5), the matter was laid over until May 26, 1916, under Rule 19. On the latter date (Cal. No. 157) the matter was laid over until this meeting.)

The matter was laid over for one week (June 9, 1916).

Board of Estimate and Apportionment; Bureau of Standards—Fixing Salaries of Various Employees; Modification of Schedule, and Establishment of Various Grades of Positions (Cal. No. 72).

(On April 28, May 5 and 12, 19 and 26, 1916, the matter was laid over; on the latter date (Cal. No. 159) until this meeting.)

The Secretary presented a report of the Committee on Tax Budget recommending approval of the request of the Director of the Bureau of Standards for modification of schedule No. 25 for 1916, to provide for five salary increases and the addition of a position of Salary and Grade Examiner at $1,980 per annum to provide for an employee who has been reinstated and whose former compensation was $2,100 per annum, and stating that at the time of the preparation of the 1916 Budget the Director's request for certain salary adjustments in his Bureau was left in abeyance until a more careful study could be given it by the Committee on Tax Budget.

The Secretary presented the following supplemental report of the Committee on Tax Budget, recommending, in view of a question raised as to the legal interpretation of section 56 of the Charter, and pending its final determination, the establishment of various grades of positions in accordance with said section and the fixing of salaries of the employees affected at existing rates:

April 17, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—In the preparation of the budget for the year 1916 the matter of the adjustment of the salaries of employes in the Bureau of Standards was considered. At that time it was decided to leave this matter in abeyance until more careful study could be given it by the Tax Budget Committee, and the Director of the Bureau of Standards was told that this matter would be taken up early in the year 1916. A number of salary increases to the minimum of the grade in which the work falls have been requested, and it appears only proper that the employes of this Bureau be treated in the same manner as the employes of other departments in the city government were treated in the 1916 budget.

The following changes are requested:

Examiner, from $3,000 *to* $3,600.

Mr. Ernest Willvonseder was appointed an Examiner at $3,000 in the Bureau of Municipal Investigation and Statistics of the Finance Department in January, 1913. He has been in continuous service since that time. Mr. Willvonseder is the head of a group of examiners who handle for the Board of Estimate all personal service matters pertaining to the large administrative and construction departments under the Mayor's jurisdiction, and the matters under his supervision are of the most difficult nature. Mr. Willvonseder is assigned to the most difficult and responsible investigations made by the bureau.

Salary and Grade Examiner from $2,100 *to* $2,340.

Mr. Harold V. Brockway was transferred from the Bureau of Municipal Investigation and Statistics of the Finance Department at the time of the formation of the Bureau of Standards as a clerk at $1,950. Mr. Brockway took the examination for Salary and Grade Examiner and passed number one on the list. He was appointed from this list at $2,100 on May 1, 1915. Mr. Brockway has been in charge of a group of examiners who handle for the Board of Estimate personal service matters relating to all the institutional departments. This work is appraised as that of Senior Examiner, but it is not requested that his salary be advanced to the minimum of that grade at this time as an increase of $240 appears more reasonable.

Assistant Engineer, from $1,500 *to* $1,800.

Mr. John C. Gray was an Assistant Engineer in the Office of the Borough President of Brooklyn at $1,800 since September, 1912. He was transferred to the Bureau of Standards in June, 1915, at $1,500. Mr. Gray's work according to specifications calls for a minimum compensation of $1,980. It is requested that Mr. Gray's salary be restored to $1,800, the amount he received formerly in the office of the President of the Borough of Brooklyn.

Clerk from $1,500 *to* $1,800.

Dr. John C. Cahill was a clerk at $1,800 in the Office of the President of the Borough of Brooklyn since April, 1909. Mr. Cahill passed the necessary medical examination to be admitted to practice in the State of New York, and in June, 1915, was transferred to the Bureau of Standards at $1,500 to assist in the work of reorganizing the institutional departments. His work under the specifications calls for a minimum salary of $1,980, and it is requested that he be increased to $1,800, the amount he formerly received in the office of the President of the Borough of Brooklyn.

Salary and Grade Examiner $1,980.

Mr. James J. Driscoll was appointed from the list of Salary and Grade Examiner at $2,100 in May, 1915, having previously served as a clerk at the same salary in the Office of the President of the Borough of Brooklyn. No provision was made in the 1916 budget for the services of Mr. Driscoll. Sufficient money being available, it is now requested that a position be included to provide for Mr. Driscoll at a salary of $1,980, which is the minimum compensation under the specifications of the work performed by him.

Sufficient money to provide for these changes may be obtained by using vacancies which have occurred since the time of the preparation of the 1916 budget.

The question of a proper legal interpretation of section 56 of the Charter has been raised in connection with the changes in rates proposed and the Corporation Counsel has been asked for an opinion covering these and other cases. Pending the final determination of the legal interpretation of section 56, it appears wise to alter the rates proposed as follows:

Examiner, $3,000, to Examiner, $3,500 (instead of $3,600). (Fixed by Board of Aldermen on March 24, 1914.)

Salary and Grade Examiner, $2,100, to Salary and Grade Examiner, $2,400 (instead of $2,340). (Fixed by Board of Aldermen on March 24, 1914.)

Salary and Grade Examiner, $2,100 (instead of $1,980). (Fixed by the Board of Aldermen in the 1916 Budget.)

Clerk at $1,800. (Fixed by Board of Aldermen April 7, 1908.)

Assistant Engineer, $1,800. (Fixed by Board of Aldermen January 23, 1906.)

—and to recommend to the Board of Aldermen the fixation of the following rates:

Title.	Rate.
Examiner	$3,600 00
Examiner	3,060 00
Salary and Grade Examiner	2,340 00
Salary and Grade Examiner	1,980 00

After careful consideration your Committee believes that the changes above mentioned are well merited and are such as would be approved by your Board under its present rules and procedure if they were requested by any other of the city departments. Your Committee, therefore, recommends the adoption of the attached resolution fixing the salaries of the above mentioned employes of the Board of Estimate and Apportionment and modifying the necessary salary schedule.

Respectfully,

WM. A. PRENDERGAST, Comptroller; ....., President, Board of Aldermen; LEWIS H. POUNDS, President, Borough of Brooklyn; DOUGLAS MATHEWSON, President, Borough of The Bronx; Committee on Tax Budget.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby fixes the salaries of the following employees in the Bureau of Standards of said Board:

Ernest Willvonseder, Examiner, $3,500 per annum.

Harold V. Brockway, Salary and Grade Examiner, $2,400 per annum.

John C. Gray, Assistant Engineer, $1,800 per annum.

James A. Cahill, Clerk, $1,800 per annum.

James J. Driscoll, Salary and Grade Examiner, $2,100 per annum.

Which was adopted by the following vote:

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

Negative—The President of the Board of Aldermen—3.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Board of Estimate and Apportionment, for the year 1916, effective as of April 1, 1916, as follows:

Salaries, Regular Employees.

25 Bureau of Standards—

Director	$6,000 00
Assistant Director	4,000 00
Examiner	3,500 00
Examiner, 3 at $3,000	9,000 00
Examiner	2,100 00
Expert Accountant	2,500 00
Salary and Grade Examiner	2,400 00
Salary and Grade Examiner, 3 at $2,100	6,300 00
Assistant Engineer, 2 at $2,700	5,400 00
Assistant Engineer	1,800 00
Clerk, 2 at $2,100	4,200 00
Clerk, 3 at $1,800	5,400 00
Clerk	1,500 00
Clerk	1,200 00
Clerk	900 00
Clerk, 2 at $540	1,080 00
Clerk, 2 at $360	720 00
Photographer at $1,200 (half Bureau of Contracts, and half Bureau of Standards)	600 00
Stenographer and Typewriter	1,500 00
Stenographer and Typewriter	1,050 00
Stenographer and Typewriter	900 00
Stenographer and Typewriter, 2 at $720	1,440 00
Typewriting Copyist	840 00
Typewriting Copyist, 4 at $600	2 400 00
Draftsman	1,350 00
Draftsman, 2 at $1,200	2,400 00
Balance unassigned	250 00
Schedule Total	$70,730 00

Which was adopted by the following vote:

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

Negative—The President of the Board of Aldermen—3.

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The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of section 56 of the Greater New York Charter, hereby recommends to the Board of Aldermen the establishment in the office of the Board of Estimate and Apportionment, of the grades of positions, in addition to those heretofore established, as follows:

Title.	Rate Per Annum.
Examiner	$3,600 00
Examiner	3,060 00
Salary and Grade Examiner	2,340 00
Salary and Grade Examiner	1,980 00

Which was adopted by the following vote:

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

Negative—The President of the Board of Aldermen—3.

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President, Borough of Manhattan—Modification of Schedule (Cal. No. 73).

(On May 26, 1916 (Cal. No. 30), the report of the Committee on Salaries and Grades was presented and the matter laid over until this meeting.)

The Secretary presented a communication, dated February 21, 1916, from the President of the Borough of Manhattan, requesting modification of schedule for 1916; and the following report of the Committee on Salaries and Grades recommending denial thereof:

May 16, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On February 21, 1916, the PRESIDENT of the BOROUGH OF MANHATTAN requested *modification of Code No.* 447 *for* 1916. The Bureau of Standards reports thereon as follows:

"Purpose—To set up a line 'Medical Fees, $84,' in Code No. 447—Contingencies.

"Reason—In order to provide for the payment of a Physician who is employed from time to time to examine employees who report sick.

Recommendation—The Committee recommends that the request be denied, inasmuch as none of the other Borough Presidents' offices requires an appropriation for this purpose. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

The President of the Borough of Manhattan moved that the request be approved, which motion was agreed to.

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 President of the Borough of Manhattan for the year 1916, as follows:

447	Contingencies—	
	Administration and Public Works	$1,416 00
	Supervision of Building Construction and Alteration	500 00
	Care of Supreme Court	11,850 00
	Medical Fees	84 00
	Total Contingencies	$13,850 00

Which was adopted by the following vote:

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

—

Court of Special Sessions; Adult Court—Modification of Schedule (Cal. No. 74).

The Secretary presented a report of the Committee on Salaries and Grades recommending denial of the request of the Court of Special Sessions, Adult Court, for modification of salary schedule for 1916 to provide for increasing the salary of a clerk from $1,200 to $1,350, and of a Registrar from $1,050 to $1,140.

(On May 19 and 26, 1916, the matter was laid over; on the latter date (Cal. No. 160) until this meeting.)

The matter was laid over for one week (June 9, 1916).

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President, Borough of Queens—Issue of Special Revenue Bonds and Modification of Schedules (Cal. No. 75).

(On May 26, 1916 (Cal. No. 181), the resolution of the Board of Aldermen was presented, the matter laid over for one week, under Rule 19, and referred to the Comptroller for report.)

The Secretary presented a resolution of the Board of Aldermen adopted May 16, 1916, requesting an issue of $41,100 special revenue bonds to provide for an additional force to be employed on repairs to macadam and dirt roads in the Borough of Queens; and the following report of the Committee on Salaries and Grades recommending approval thereof and modification of schedules:

May 31, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 16, 1916, upon the application of the PRESIDENT OF THE BOROUGH OF QUEENS, the Board of Aldermen *requested an issue of* $41,100 *in special revenue bonds* pursuant to provisions of subdivision 8 of section 188 of the Greater New York Charter. The Bureau of Standards reports thereon as follows:

"Purpose—To provide for the employment of an additional force on repairs to dirt and macadam roads, Borough of Queens, as follows: 10 Repair Gangs for a period of 120 days, each Gang to consist of 1 Assistant Foreman at $3.25 per day, 10 Laborers at $2.50 per day, and one team and truck at $6 per day.

"Reason—During the months of February and March, 1916, severe weather conditions prevailed for a period longer than has been the experience of the City in recent years. This has resulted in an unusual amount of wear and tear on the macadam and dirt roads, which are more affected by weather than are roads paved with other material.

"Finding—In consideration of the unusual amount of repairs required by reason of unforeseen weather conditions, and the large area of pavement classed as macadam and dirt roads in the Borough of Queens, the request is proper and reasonable. The Bureau of Contract Supervision concurs in this report in so far as the item relating to hire of teams is concerned. Modification of schedules will be necessary in order to include the extra allowance."

Recommendation—In view of the above report the Committee recommends concurrence in the resolution of the Board of Aldermen, and that the appropriate schedules be modified to include this allowance. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on May 16, 1916, and approved by the Mayor May 26, 1916, requesting an issue of special revenue bonds in the sum of forty-one thousand one hundred dollars ($41,100), the proceeds thereof to be used by the President of the Borough of Queens for the purpose of employing additional labor force on repairs to macadam and dirt roads in the Borough of Queens, all obligations contracted for hereunder to be incurred on or before December 31, 1916, 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, section 188 of the Greater New York Charter, to issue special revenue bonds of The City of New York to an amount not exceeding forty-one thousand one hundred dollars ($41,100), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

—

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the office of the President of the Borough of Queens, for the year 1916, as follows:

Wages Temporary Employees, care of Highways, Roadways, Viaducts and Streets—

673TRS	Tax Levy, Special Revenue Bond and Special and Trust Fund Force—	
	Foreman, at $4 per day (6,240 days)	$24,960 00
	Assistant Foreman, at $3.25 per day (6,480 days)	21,060 00
	Ship Carpenter, at $4.50 per day (516 days)	2,322 00
	Carpenter, at $4.50 per day (516 days)	2,322 00
	Steam Roller Engineer, at $5 per day (2,000 days)	10,000 00
	Stone Mason, at $4.50 per day (200 days)	900 00
	Flagger, at $4.50 per day (200 days)	900 00
	Paver, at $5 per day (4,476 days)	22,380 00
	Rammer, at $4 per day (1,986 days)	7,944 00
	Laborer, at $4 per day (303 days)	1,212 00
	Laborer, at $3.50 per day (4,731 days)	16,558 50
	Laborer, at $3 per day (5,757 days)	17,271 00
	Laborer, at $2.50 per day (84,518 days)	211,295 00
	Blacksmith, at $4 per day (555 days)	2,220 00
	Blacksmith's Helper, at $3 per day (277½ days)	832 50
	Striper, at $3.50 per day (277½ days)	971 25
	Bricklayer, at $6 per day (231 days)	1,386 00
	Foreman of Pavers, at $5 per day (224 days)	1,120 00
	Schedule Total	$345,654 25

Tax Levy Allowance	$301,754 25
Special and Trust Fund Allowance	10,000 00
Special Revenue Bond Allowance	33,900 00
Total Allowance	$345,654 25

Transportation, Hire of Horses and Vehicles with Drivers, Care of Highways—

715TRS Tax Levy, Special Revenue Bond and Special and Trust Fund Force—

Horse and Vehicle, at $3.50 per day (13,500 days)	$47,250 00
Team and Vehicle, at $6 per day (13,325 days)	79,950 00
Schedule Total	$127,200 00
Tax Levy Allowance	$117,375 00
Special and Trust Fund Allowance	2,625 00
Special Revenue Bond Allowance	7,200 00
Total Allowance	$127,200 00

Which was adopted by the following vote:

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

President, Borough of Queens—Issue of Special Revenue Bonds and Modification of Schedule (Cal. No. 76).

(On May 26, 1916 (Cal. No. 180), the resolution of the Board of Aldermen was presented and the matter laid over for one week under Rule 19 and referred to the Comptroller for report.)

The Secretary presented a resolution of the Board of Aldermen adopted May 16, 1916, requesting an issue of $4,500 Special Revenue Bonds, for the purpose of providing for the purchase by the President of the Borough of Queens of an asphalt truck; and the following report of the Deputy and Acting Comptroller recommending approval thereof and modification of schedule:

May 31, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 16, 1916, the Board of Aldermen requested $4,500 in special revenue bonds, the proceeds whereof to be used by the President of the Borough of Queens for the purpose of purchasing an asphalt truck for the Bureau of Highways. The Bureau of Contract Supervision, to which this request was referred on May 26, 1916, reports thereon as follows:

"It is proposed to purchase a five-ton automobile truck of standard make for the purpose of hauling asphalt in connection with the operation of the asphalt plant.

"The principal need for this equipment is due to the fact that the roadways of Broadway, from Murray Lane to City Line; Shell Road, from Hoffman Boulevard to Jackson Avenue; Metropolitan Avenue, from Dry Harbor Road to Jamaica Avenue; and Rockaway Boulevard, from Far Rockaway to Rockaway Beach, which are under guarantee, and the repair of which was not taken into consideration at the preparation of the budget, will have to be kept in repair by the maintenance forces of the Bureau of Highways, due to the abandonment of the contracts.

"The retained percentages on the various contracts appear to be sufficient for the payment of necessary labor and material, but after such payment there will not be sufficient balance to permit of the purchase of an auto truck, which owing to the extremely long hauls, will be more economical than to employ teams and trucks in transporting the asphalt. The average hauls on the various roadways heretofore mentioned are from four to twelve miles each way from the asphalt plant, and it is stated that asphalt hauled by a team and truck at these long distances would not be at the desired temperature to be handled properly.

"In addition to the above work, the truck may be very advantageously used on other repair or construction work where the hauls are very long."

I recommend the adoption of the attached resolution granting the request and modifying the schedule involved. Respectfully,

ALEX. BROUGH, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on May 16, 1916, and approved by the Mayor May 26, 1916, requesting an issue of special revenue bonds in the sum of four thousand five hundred dollars ($4,500), the proceeds thereof to be used by the President of the Borough of Queens for purchasing an asphalt truck for the Bureau of Highways, all obligations contracted for hereunder to be incurred on or before December 31, 1916, 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 four thousand five hundred dollars ($4,500), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the office of the President of the Borough of Queens for the year 1916, as follows:

Purchase of Equipment, Motor Vehicles and Equipment.

697	Administration and Public Works	$10,671 53
	Tax Levy Allowance	$6,171 53
	Special Revenue Bond Allowance	4,500 00
	Total Allowance	$10,671 53

Which was adopted by the following vote:

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

President, Borough of Manhattan—Issue of Special Revenue Bonds (Cal. No. 77).

The Secretary presented a report of the Comptroller recommending the approval of and concurrence in the resolution adopted February 23, 1916, by the Board of Aldermen, requesting an issue of $6,391 special revenue bonds for making alterations to the fourth, fifth and sixth floors of the Hall of Records Building, and for the purchase of new furniture and equipment for the Surrogates of New York County, under the jurisdiction of the President of the Borough of Manhattan.

(On March 17, 1916 (Cal. No. 25), this matter was laid over for one week, under Rule 19. On March 24, 1916 (Cal. No. 74), a communication from the Commissioner of Accounts, requesting that the matter be held in abeyance pending the submission of definite data with relation thereto, was presented to the Board and the matter was laid over until April 7, 1916. On April 7, 28, May 5 and 19, 1916, it was again laid over; on the latter date (Cal. 94), until this meeting.)

The matter was laid over for one week (June 9, 1916.)

President, Borough of Richmond—Issue of Special Revenue Bonds (Cal. No. 78).

(On May 26, 1916 (Cal. No. 59), the resolution of the Board of Aldermen was presented and the matter laid over until this meeting, under Rule 19.)

The Secretary presented a resolution of the Board of Aldermen adopted May 2, 1916, requesting an issue of $1,500 special revenue bonds, to be used by the President, Borough of Richmond, for the purpose of repairing the storm water culvert across Richmond Turnpike, Borough of Richmond; and the following report of the Deputy and Acting Comptroller recommending approval thereof:

May 22, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 2, 1916, the Board of Aldermen requested the issuance of $1,500 in special revenue bonds, the proceeds whereof to be used by the President, Borough of Richmond, for the purpose of repairing the storm water culvert across Richmond Turnpike (west of Ontario Avenue), Borough of Richmond.

The Bureau of Contract Supervision to which the request was referred on May 17, 1916, reports thereon as follows:

"The culvert which it is proposed to repair, it is claimed, has not sufficient capacity to accommodate the water which reaches it during heavy rainstorms.

"Property owners assert that water has backed up and has flooded the low lands south of Richmond Turnpike doing alleged damage, in consequence of which, claims against the City have been filed aggregating some $285,778.50, covering the period, 1903 to 1916. One action brought by the Market Gardeners' Association for $7,000 for damages sustained by it to seeds, plants and bulbs, has resulted in a judgment being entered against the City in the amount of $6,420.

"The present culvert is of concrete five feet wide by two feet nine inches in height. A water pipe crosses the interior of the culvert cutting off eleven inches from the top, thus reducing the height of the culvert to one foot ten inches.

"The drainage area is stated to be about 410 acres for which the capacity of the culvert should not be less than 4,110 cubic feet per second.

"It is proposed to construct on the westerly side of the present culvert an additional concrete culvert eight feet eight inches wide by two feet six inches in height, which together with the present culvert will provide the capacity required.

"On February 1, 1916, the Corporation Counsel recommended that such action be taken in the premises as will effectively remedy the conditions complained of and thus prevent further suits.

"The estimate of cost is not excessive.

"The President of the Borough of Richmond has, for personal service and materials, funds which could be used for the construction of this culvert, but such funds were allowed for specific work. In addition, it will be more economical to have the work done by contract."

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

Respectfully, ALEX. BROUGH, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on May 2, 1916, requesting an issue of special revenue bonds in the sum of one thousand five hundred dollars ($1,500), the proceeds thereof to be used by the President of the Borough of Richmond for the purpose of repairing the storm water culvert across Richmond Turnpike (at a point about 210 feet west of Ontario Avenue), all obligations contracted for hereunder to be incurred on or before December 31, 1916, 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 one thousand five hundred dollars ($1,500), redeemable from the tax levy of the year succeeding the year of issue.

Which was adopted by the following vote:

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

Board of Assessors; Department of Finance—Issue of Corporate Stock (Cal. No. 79).

(On May 19, 1916 (Cal. No. 40), the report of the Deputy and Acting Comptroller was presented and the matter laid over for one week, May 26, 1916, under Rule 19; on the latter date (Cal. No. 168), it was laid over until this meeting.)

The Secretary presented the following report of the Deputy and Acting Comptroller:

May 17, 1916.

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

Gentlemen—Pursuant to the provisions of chapter 207 of the Laws of 1890, the Board of Assessors, under date of January 5, 1915, made an award in the sum of $10,000 for damages to property situated in the Borough of Manhattan, City of New York, and designated and known on the tax maps of the city as lots 38, 39 and 40, block 2040, said damages having been caused by the change of grade of streets and avenues approaching the bridge over the Harlem River, between Seventh Avenue, in the present Borough of Manhattan, and Jerome Avenue, in the present Borough of The Bronx. The award is made payable to "Charles E. Littlefield as administrator with the will annexed of Mary G. Pinkney, deceased, two-thirds," and Arthur D. Greenfield and Mary M. Greenfield, one-third.

Under date of April 11, 1916, the Corporation Counsel advises that the award should be paid to the persons entitled thereto, "together with interest, pursuant to chapter 701 of the Laws of 1910." The interest from the time the change of grade took place (November 25, 1893) to June 10, 1916, will amount to $13,525.

In connection with this award, there is submitted the following communication from Mr. William C. Ormond, President of the Board of Assessors, giving the history of the claim leading up to the award it is now proposed to pay.

"Board of Assessors of the City of New York, New York, April 17, 1916.

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

"*In re award made for damage caused by Changing the Grade of Macombs Dam Road, lot 38, block 2040, Borough of Manhattan, under Chapter 207 of the Laws of 1890.*

"Dear Sir—This change of grade was brought about in connection with the construction of the bridge over the Harlem River at Macombs Dam Road, from the Borough of Manhattan to the Borough of The Bronx. The work on the approach to the bridge was completed on the 25th of November, 1893.

"The first hearing before the McClellan Board of Assessors was held on August 25, 1908, and the last hearing on February 16, 1909, the City being represented by Stephen O'Brien, Assistant Corporation Counsel, and the claimant by John C. Shaw, Attorney.

"The Board of Assessors were at that time acting under a Resolution of the Board of Estimate and Apportionment, requesting that no awards be made on account of the financial condition of the City at that time.

"On Nov. 4, 1909, the claimant obtained from the Supreme Court a peremptory writ of mandamus, directing the Board of Assessors within 20 days to pass upon the claim, as required by statute.

"On November 23, 1909, the claim was dismissed.

"The City contended that sub-division 2 of section 382 of the Code of Civil Procedure provided a limitation of six years within which action must be brought to recover upon a liability created by statute.

"The claimants appealed from the decision of the Board of Assessors, and the case was decided by the Appellate Division on February 6, 1914, reported in 160 A. D. 578.

"The Appellate Division decided against the City on every point raised by the City.

"The case was again submitted to the Board of Assessors on March 16, 1914. Messrs. Elkus, Gleason & Proskaur appeared for the claimants. Charles J. Nehrbas, Assistant Corporation Counsel, for the City.

"Many hearings were held, and the hearings closed on October 16, 1914.

"Briefs were submitted by the City and the claimant on December 11, 1914.

"It will be seen that 15 years elapsed *after* the damage *before* the claim was filed, although a remedy was provided by statute in 1890, or 8 years *before* the claim was filed.

"The claimant's witness testified to a damage of $23,485.

"The City's witness testified to a damage of $9,449.

"The Board of Assessors made an award of $10,000.

"Chapter 701 of the laws of 1910 was passed by the Legislature as an amendment to the Highway Law. It was not submitted to the Mayor of the City of New York, and it was so drawn as to compel the payment of interest on this claim 15 years prior to the time that the claim was filed. This Act was signed by Governor Hughes over the objection of the City, and became a law on June 25, 1910. Yours respectfully,

"WILLIAM C. ORMOND, President."

In view of the fact that the claim had not been brought within the statutory

limit of six (6) years mentioned in Mr. Ormond's letter, the city, through the office of the Corporation Counsel, sued out a writ of certiorari to review the award after it had been made by the Board of Assessors (January 5, 1915), but the award has been confirmed both by the Appellate Division of the Supreme Court and by the Court of Appeals.

Chapter 207 of the Laws of 1890 provides that the Comptroller shall, when directed by the Board of Estimate and Apportionment, issue bonds for the purpose of paying the awards which may be made for damages by reason of any change of grade of streets and avenues approaching the aforementioned bridge and since the improvement, of which this award forms a part of the cost, was authorized by statute many years ago, any expenditures in connection therewith cannot be classed with those which, under the resolution of the Board of Estimate and Apportionment, adopted September 11, 1914, should be made in part a budgetary charge.

While it appears entirely proper to treat the principal of the award as a part of the cost of the improvement and to issue corporate stock therefor, it does not seem proper to issue long term bonds to pay the interest thereon.

A resolution is therefore appended hereto for your consideration, authorizing the issuance of corporate stock to the amount of $10,000 to pay the award, and approving the issuance of special revenue bonds, pursuant to subdivision 7 of section 188 of the Greater New York Charter, to pay the interest on said award, which, as heretofore stated, will amount to $13,525 by June 10, 1916. Respectfully,

ALEX BROUGH, Deputy and Acting Comptroller.

The following resolution was offered:

Resolved, By the Board of Estimate and Apportionment, that, pursuant to the provisions of chapter 207 of the Laws of 1890 and section 169 of the Greater New York Charter, the Comptroller be and is hereby authorized and directed to issue, in the manner provided by said section 169 of the Charter, corporate stock of The City of New York to the amount of ten thousand dollars ($10,000) for the purpose of paying an award made by the Board of Assessors January 5, 1915, for damages to lots 38, 39 and 40, block 2040, Borough of Manhattan, sustained by reason of the change of grade of streets and avenues approaching the bridge over the Harlem river, between Seventh Avenue in the Borough of Manhattan and Jerome Avenue in the Borough of The Bronx; and be it further

Resolved, That the proposal of the Comptroller to issue special revenue bonds, pursuant to subdivision 7 of section 188 of the Greater New York Charter, to pay the interest on said award from the time when the change of grade took place to the time of the payment of the award, pursuant to Chapter 701 of the Laws of 1910, be and is hereby approved.

Which was adopted by the following vote:

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

East 51st Street, from Avenue N to Avenue O, Borough of Brooklyn—Acquiring Title (Cal. No. 80).

(On May 26, 1916 (Cal. No. 151), the matter was laid over until this meeting.)

The Secretary presented a resolution adopted April 16, 1913, by the Local Board of the New Lots District, Borough of Brooklyn, initiating proceedings for this improvement; and the following report of the Chief Engineer:

Report No. 15667. May 16th, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—At the meeting of the Board of Estimate and Apportionment held on September 25th, 1913, and in accordance with a resolution of the Local Board of the New Lots District adopted on April 16th, 1913, a proceeding was instituted for acquiring title to East 51st Street from Avenue N to Flatbush Avenue, in the Borough of Brooklyn. The Commissioners have not yet been applied for and in order to advance the proceeding it will have to be reinstituted to conform with the requirements of the new Street Opening Law as recently amended.

The street has been laid out upon the City Map to have a width of 60 feet, and the proceeding affects a length of four blocks, or about one-half mile, at the southerly end. For a distance of about 250 feet adjoining Avenue N a narrow roadway is in use and a few buildings have here been erected upon the property abutting on the westerly side. The street is otherwise not in use and the area traversed is under cultivation. Near Flatbush Avenue a building falls within the street lines. From informal advice received from the Bureau of Street Openings it would appear that the charges incurred against this proceeding up to a recent date amount to $15.56.

It is understood that changes are contemplated in the lines originally determined upon for the street in the vicinity of the Flatbush Avenue intersection, by which the building referred to will be avoided, and apparently in the belief that the proceeding insofar as the section between Avenue O and Flatbush Avenue is concerned, is premature, the Local Board on April 13th, 1916, adopted a new resolution, which is herewith transmitted, for acquiring title to East 51st Street from Avenue N to Avenue O. In view of the undeveloped condition of the territory traversed on the south, and of the uncertainty regarding the street alignment, it would seem advisable in reinstituting the proceeding to recognize the suggestion made by the Local Board as to curtailing its scope. In the long block that would then be affected there are no building encroachments.

I would accordingly recommend that after giving a new public hearing as to a proposed area of assessment modified as required by the changed conditions, a resolution be adopted providing for reinstituting the proceeding for acquiring title in fee to East 51st Street, but that its scope be limited to the block between Avenue N and Avenue O.

I would also recommend that the compensation to be made to the owners of the real property to be acquired, and the assessment of the cost of the improvement, be ascertained by Commissioners of Estimate and one Commissioner of Assessment to be appointed by the court; and that the entire cost and expense of the proceeding be assessed upon the property benefited. A description for the district of assessment is herewith presented. Respectfully, NELSON P. LEWIS, Chief Engineer.

On motion of the President of the Borough of The Bronx, the matter was referred to the Committee of the Whole.

Crystal Street and Fountain Avenue, from Belmont Avenue to Sutter Avenue, Borough of Brooklyn—Acquiring Title (Cal. No. 81).

(On May 26, 1916 (Cal. No. 152), the matter was laid over until this meeting.)

The Secretary presented a resolution adopted January 27, 1916, by the Local Board of the New Lots District, Borough of Brooklyn, initiating proceedings for this improvement; and the following report of the Chief Engineer:

Report No. 15659. May 11th, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a resolution of the Local Board of the New Lots District, Borough of Brooklyn, adopted on January 27th, 1916, initiating proceedings for acquiring title to the following streets: Crystal Street, from Belmont Avenue to Sutter Avenue; Fountain Avenue, from Belmont Avenue to Sutter Avenue.

These streets have been laid out upon the City Map to have a width of 60 feet, and the resolution in each case affects a length of one block, or about 400 feet. The streets are in use only for a distance of about 200 feet adjoining Belmont Avenue, and here a number of buildings have been erected upon the abutting property. It is believed that there are no encroachments. Information is presented to show that the property owners are desirious of further developing their holdings, but are deferring the actual work of construction until they are assured that the streets will be made a definite part of the street system through their legal acquisition.

In reporting on this matter the Topographical Engineer recommended that the Fountain Avenue proceeding be made to include the two additional blocks between Sutter Avenue and New Lots Avenue in order to open up a connection along this line. I have informally directed the attention of the Borough President to the fact that this suggestion could apparently be carried out with substantial advantage, but in a recent communication the Commissioner of Public Works has stated that after due consideration the Local Board had decided to limit the proceeding to the sections included in the resolutions now under consideration. It is accordingly desired that the proceeding be immediately advanced.

The more comprehensive proceeding suggested by the Topographical Engineer would result in decreasing the expense to the property owners, and also in securing a more substantial benefit; but in view of the statement made by the Commissioner of Public Works, and at his specific request, the matter is placed on the calendar for such action as the Board may deem proper.

If the proceeding is instituted, all of the land needed for the two streets should be acquired under a single opening proceeding; title to the land should be acquired in fee; the compensation to be made to the owners of the real property to be acquired and the assessment of the cost of the improvement should be ascertained by the Supreme Court without a jury; the entire cost and expense of the proceeding should be assessed upon the property benefited; and it is recommended that a district of assessment be laid out to include the area, a description for which is herewith presented. Respectfully, NELSON P. LEWIS, Chief Engineer.

On motion of the President of the Borough of The Bronx, the matter was referred to the Committee of the Whole.

Walker Street, from Centre Street to Lafayette Street, Borough of Manhattan—Repaving, Curbing and Recurbing (Cal. No. 82).

The Secretary presented a resolution adopted November 10, 1914, by the Local Board of the Bowery District, Borough of Manhattan, initiating proceedings for this improvement; and a report of the Chief Engineer relative thereto.

(On May 26, 1916 (Cal. No. 82), the matter was laid over until this meeting.)

On motion of the President of the Borough of Manhattan, the matter was laid over for one week (June 9, 1916), for report from the Committee on Corporate Stock Budget.

Board of Estimate and Apportionment—Specifications for Purchase of Coal (Cal. No. 83).

(On May 12, 1916 (Cal. No. 179), the specifications were approved to apply to June, 1916, deliveries only. The question of their application to contracts subsequent to that time was laid over until May 19, 1916. On May 19, 1916 (Cal. No. 98), the matter was laid over until May 26, 1916, and on the latter date (Cal. No. 178) it was laid over until this meeting.)

The Secretary presented a report of the Bureau of Contract Supervision submitting proposed amended specifications for the purchase of coal.

(Note—The Specifications for Coal approved by the Board on May 12, 1916 (Cal. No. 179) are printed in the minutes of said meeting on pages 2731 to 2742.)

The following resolution was offered:

Resolved, By the Board of Estimate and Apportionment, that the amended specifications for the purchase of anthracite and semi-bituminous coal, to supersede standard specifications adopted January 12, 1911, for the use of all departments authorized to purchase this class of supplies (approved by this Board on May 12, 1916, *for June, 1916, deliveries only*) be and the same are hereby approved *for deliveries subsequent to June*, 1916, and all departments, bureaus and offices of the City government authorized to purchase said supplies are hereby directed to adopt the same.

Which was adopted by the following vote:

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

Oakland Avenue, Between Henderson Avenue and Castleton Avenue, Borough of Richmond—Acceptance of Deeds of Cession (Cal. No. 84).

(On May 26, 1916 (Cal. No. 63), the matter was laid over until this meeting.)

The Secretary presented the following:

The City of New York, Office of the President of the Borough of Richmond, New Brighton, May 8, 1916.

Honorable Board of Estimate and Apportionment, Municipal Building, New York City:

Sirs—Herewith please find the following deeds to the City of New York:

Susan M. Burton and Amalie Smith.

Frank J. Nettleton, unmarried, Henry A. Tabb and Jeannie S. Tabb, his wife, John Whalen and Annie Whalen, his wife, and George E. Cullom and Katherine C. Cullom, his wife.

John Frederick Smith, and Abbie E. Smith, his wife.

All of the property conveyed by these deeds lies within the lines of Oakland Avenue, between Castleton Avenue and Henderson Avenue, and comprises the entire street, with the exception of a narrow strip of land for 100 feet adjoining Henderson Avenue. These deeds were tendered in 1913 under section 992 of the Charter, which has been repealed by chapter 606 of the Laws of 1915.

The Corporation Counsel has recently advised the attorney for the property owners, Frank I. Smith, 26 Richmond Avenue, Port Richmond, N. Y., that the Board of Estimate and Apportionment has the power to authorize the acceptance of these deeds.

This street is wholly improved and largely built up, and it is desirable that the street be turned over to the City for maintenance, cleaning, etc. I, therefore, request that a resolution of the Board of Estimate and Apportionment be adopted, authorizing the acceptance of these instruments. Very truly yours,

CALVIN D. VAN NAME, President of the Borough.

This indenture made the fifteenth day of October in the year one thousand nine hundred and thirteen between Susan M. Burton, residing at West New Brighton, in the First Ward of the Borough of Richmond, in the County of Richmond, in the City and State of New York, and Amalie Smith, residing at Little Farms, Fifth Ward, Borough of Richmond, City of New York, parties of the first part, and The City of New York, a municipal corporation, party of the second part:

Whereas, the parties of the first part are the owners of, or the mortgagee of a part of, or have an easement in and over the following described land and of all the estate therein embraced within the lines of Oakland Avenue, between Castleton and Henderson Avenues, as laid down and shown on Section, Ward 1, of the map or plan of The City of New York, in the Borough of Richmond, and are willing to cede the same to The City of New York in pursuance of the provisions of section 992 of the Greater New York Charter, as amended:

Witnesseth, that the said parties of the first part, in consideration of the sum of One Dollar, lawful money of the United States of America, paid to the said parties of the first part, the receipt whereof is hereby acknowledged, do hereby grant, bargain and sell, release and convey unto the said party of the second part and its successors forever, all that certain piece or parcel of land situate, lying and being in The City of New York, Borough of Richmond, County of Richmond, and State of New York, and shown as Oakland Avenue on the aforesaid map, and being more particularly bounded and described as follows:

Beginning at the corner formed by the intersection of the southerly side of Henderson Avenue with the easterly side of Oakland Avenue, thence westerly along the southerly side of Henderson Avenue sixty (60) feet to the corner formed by the intersection of said southerly side of said Henderson Avenue with the westerly side of said Oakland Avenue, thence southerly along the westerly side of said Oakland Avenue ten hundred and seven feet and forty-five one hundredths of a foot (1,007.45 feet) to the corner formed by the intersection of said westerly side of Oakland Avenue with the northerly side of Castleton Avenue, thence easterly along the northerly side of said Castleton Avenue to the corner formed by the intersection of said northerly side of said Castleton Avenue with said easterly side of said Oakland Avenue, and thence northerly along said easterly side of said Oakland Avenue ten hundred and fifteen feet and eighty-six one hundredths of a foot (1,015.86 feet) to the corner formed by the intersection of said easterly side of said Oakland Avenue with the southerly side of said Henderson Avenue at the point or place of beginning. Being all of Oakland Avenue as laid down on a certain map entitled "Map of Property Belonging to John Frederick Smith, West New Brighton, Borough of Richmond, City of New York, July, 1906, Henry P. Morrison, C.E., July, 1906." Filed August 15, 1907, Map case No. 941A, and said premises being conveyed to the party of the second part to be hereinafter used as and for a public street or highway.

Together with the appurtenances and all the estates and rights of the parties of the first part in and to said premises. It being the intention of the grantors to convey all land in said street and all the estate therein that they may own.

To have and to hold the above granted premises unto the said City of New York and its successors forever in fee, in trust for street purposes, as fully as if the same had been acquired by condemnation proceedings.

And the said Susan M. Burton does covenant with the said party of the second part, as follows:

First—That the said Susan M. Burton is seized of a part of the premises in fee simple, and has a good right to convey the same.

Second—That the said premises are free from incumbrances, except a mortgage thereon held by Amalie Smith, one of the parties hereto, and easements over said avenue.

In witness whereof, the said parties of the first part have hereunto set their hands and seals the day and year first above written.

In the presence of C. Simpson as to signature of Susan M. Burton; Harry F. Zurnuhlen as to signature of Amalie Smith.

SUSAN M. BURTON (L. S.), AMALIE SMITH (L. S.)

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

On this 25th day of June in the year one thousand nine hundred and fourteen, before me personally came Susan M. Burton, to me known, and known to me, to be one of the individuals described in and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same.

CLARENCE E. SIMPSON, Notary Public, Richmond County, N. Y.

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

On the seventh day of October, in the year 1914, before me personally came Amalie Smith to me known and known to me to be one of the individuals described in and who executed the foregoing instrument, and she duly acknowledged that she executed the same.

HARRY F. ZURNUHLEN, Commissioner of Deeds of the City of New York, Residing in Richmond County, Certificate filed in Richmond County.

This indenture, made the fifteenth day of October in the year one thousand nine hundred and thirteen between Frank J. Nettleton, unmarried; Henry A. Tabb and Jeannie S. Tabb, his wife; John Whalen and Annie L. Whalen, his wife, and George E. Cullom and Katherine C. Cullom, his wife, all of The City of New York, parties of the first part, and The City of New York, a municipal corporation, party of the second part:

Whereas, the parties of the first part are the owners of or have an easement in and over, or have an inchoate right of dower in the fee of the following described land and of all the estate therein embraced within the lines of Oakland Avenue, laid down and shown on Section, Ward 1 of the map or plan of the City of New York, in the Borough of Richmond, and are willing to cede the same to the City of New York in pursuance of the provisions of section 992 of the Greater New York Charter, as amended:

Witnesseth: That the said parties of the first part, in consideration of the sum of One Dollar, lawful money of the United States of America, paid to the said parties of the first part, the receipt whereof is hereby acknowledged, do hereby grant, bargain and sell, release and convey unto the said party of the second part and its successors forever, all that certain piece or parcel of land situate, lying and being in the City of New York, Borough of Richmond, County of Richmond, and State of New York, and shown as a portion of Oakland Avenue on the aforesaid map, and being more particularly bounded and described as follows:

Beginning at the corner formed by the intersection of the southerly side of Henderson Avenue with the easterly side of Oakland Avenue, thence westerly along the southerly side of Henderson Avenue sixty (60) feet to the corner formed by the intersection of said southerly side of said Henderson Avenue with the westerly side of said Oakland Avenue, thence southerly along the westerly side of said Oakland Avenue one hundred (100) feet to a point, thence easterly to a point in the easterly side of said Oakland Avenue distant one hundred (100) feet southerly along said easterly side of said Oakland Avenue from the point of beginning, and thence northerly along said easterly side of said Oakland Avenue one hundred (100) feet to the southerly side of said Henderson Avenue at the point or place of beginning. Being a portion of Oakland Avenue as laid down on a certain map entitled "Map of Property Belonging to John Frederick Smith, West New Brighton, Borough of Richmond, City of New York, July 1906, Henry P. Morrison, C. E., July 1906." Filed August 15, 1907, Map case No. 941 A., and said premises being conveyed to the party of the second part to be hereinafter used as and for a public street or highway.

Together with the appurtenances and all the estates and rights of the parties of the first part in and to said premises. It being the intention of the grantors to convey all land in said street and all the estate therein that they may own.

To have and to hold the above granted premises unto the said City of New York and its successors forever in fee, in trust for street purposes, as fully as if the same had been acquired by condemnation proceedings.

And the said Frank J. Nettleton and said Henry A. Tabb do covenant with the said party of the second part as follows:

First: That the said Frank J. Nettleton and the said Henry A. Tabb are seized of the premises in fee simple, and have a good right to convey the same.

Second: That the said premises are free from incumbrances, except easements over said avenue.

In Witness Whereof, the said parties of the first part have hereunto set their hands and seals the day and year first above written.

In the presence of George H. Treadwell as to Frank J. Nettleton. C. E. Simpson as to signatures of Henry A. Tabb, Jeannie S. Tabb, John Whalen, Annie L. Whalen, George E. Cullom and Katherine C. Cullom.

FRANK J. NETTLETON (L. S.), HENRY A. TABB (L. S.), JEANNIE S. TABB (L. S.), JOHN WHALEN (L. S.), ANNIE L. WHALEN (L. S.), GEORGE E. CULLOM (L. S.), KATHERINE C. CULLOM (L. S.).

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

On this twenty-fifth day of June in the year one thousand nine hundred and fourteen, before me personally came George E. Cullom and Katherine C. Cullom, his wife, to me known, and known to me to be two of the individuals described in and who executed the foregoing instrument, and severally acknowledged to me that they executed the same.

CLARENCE E. SIMPSON, Notary Public, Richmond County, N. Y.

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

On this eleventh day of July in the year one thousand nine hundred and fourteen, before me personally came John Whalen and Annie L. Whalen, his wife, to me known, and known to me to be two of the individuals described in and who executed the foregoing instrument, and severally acknowledged to me that they executed the same.

CLARENCE E. SIMPSON, Notary Public, Richmond County, N. Y.

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

On this thirteenth day of August in the year one thousand nine hundred and fourteen, before me personally came Henry A. Tabb and Jeannie S. Tabb, his wife, to me known, and known to me to be two of the individuals described in and who executed the foregoing instrument, and severally acknowledged to me that they executed the same.

CLARENCE E. SIMPSON, Notary Public, Richmond County, N. Y.

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

On this 6th day of December in the year one thousand nine hundred and thirteen, before me personally came Frank J. Nettleton (unmarried), 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.

GEORGE H. TREADWELL, Notary Public, Richmond County, N. Y.

This indenture, made the fifteenth day of October, in the year one thousand nine hundred and thirteen, between John Frederick Smith and Abbie E. Smith, his wife, residing at No. 1213 Clove Road, West New Brighton, in the First Ward, Borough and County of Richmond, City and State of New York, parties of the first part, and The City of New York, a municipal corporation, party of the second part:

Whereas, the parties of the first part are the owners of or have an easement in and over, or have an inchoate right of dower in the fee of the following described land and of all the estate therein embraced within the lines of Oakland Avenue, laid down and shown on Section, Ward 1, of the map or plan of the City of New York, in the Borough of Richmond, and are willing to cede the same to the City of New York in pursuance of the provisions of Section 992 of the Greater New York Charter, as amended:

Witnesseth, that the said parties of the first part, in consideration of the sum of One Dollar, lawful money of the United States of America, paid to the said parties of the first part, the receipt whereof is hereby acknowledged, do hereby grant, bargain and sell, release and convey unto the said party of the second part and its successors, forever, all that certain piece or parcel of land situate, lying and being in the City of New York, Borough of Richmond, County of Richmond, and State of New York, and shown as a portion of Oakland Avenue on the aforesaid map, and being more particularly bounded and described as follows:

Beginning at the corner formed by the intersection of the southerly side of Henderson Avenue with the easterly side of Oakland Avenue, thence westerly along the southerly side of Henderson Avenue sixty (60) feet to the corner formed by the intersection of said southerly side of said Henderson Avenue with the westerly side of said Oakland Avenue, thence southerly along the westerly side of said Oakland Avenue ten hundred and seven feet and forty-five one hundredths of a foot (1007.45 feet) to the corner formed by the intersection of said westerly side of Oakland Avenue with the northerly side of Castleton Avenue, thence easterly along the northerly side of said Castleton Avenue to the corner formed by the intersection of said northerly side of said Castleton Avenue with said easterly side of said Oakland Avenue, and thence northerly along said easterly side of said Oakland Avenue ten hundred and fifteen feet and eighty-six one hundredths of a foot (1015.86 feet) to the corner formed by the intersection of said easterly side of said Oakland Avenue with the southerly side of said Henderson Avenue at the point or place of beginning. Being all of Oakland Avenue as laid down on a certain map entitled "Map of Property belonging to John Frederick Smith, West New Brighton, Borough of Richmond, City of New York, July, 1906; Henry P. Morrison, C. E., July, 1906." Filed August 15, 1907, Map case No. 941A, and said premises being conveyed to the party of the second part, to be hereinafter used as and for a public street or highway, excepting, however, the six inch water pipe now laid in said Avenue, together with its gates, valves and hydrants now constructed and existing belonging to the Staten Island Water Supply Company, as granted to it by John Frederick Smith by instrument bearing date April 16, 1909, together with the right as granted by said instrument to said company to lay, operate, repair, etc., the aforesaid water pipe, hydrants, etc., and make all necessary connections, etc., for supplying water to residents of said Avenue and of opening, excavating, etc., said avenue for the purpose of laying, operating, repairing and maintaining said water pipe, etc.

Together with the appurtenances and all the estates and rights of the parties of the first part in and to said premises. It being the intention of the Grantors to convey all land in said street and all the estate therein that they may own.

To have and to hold the above granted premises unto the said City of New York and its successors forever in fee, in trust for street purposes, as fully as if the same had been acquired by condemnation proceedings.

And the said John F. Smith does covenant with the said party of the second part as follows:

First: That the said John Frederick Smith is seized of a part of the premises in fee simple, and has a good right to convey the same.

Second—That the said premises are free from incumbrances, except as aforesaid, and easements over said avenue.

In witness whereof the said parties of the first part have hereunto set their hands and seals the day and year first above written.

JOHN FREDERICK SMITH (L. S.), ABBIE E. SMITH (L. S.).

In the presence of C. E. SIMPSON.

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

On the second day of January in the year 1914, before me personally came John Frederick Smith and Abbie E. Smith, his wife, to me known and known to me to be the individuals described in and who executed the foregoing instrument and they duly acknowledged that they executed the same.

CLARENCE E. SIMPSON, Notary Public, Richmond County, N. Y.

Report No. 15703. May 22, 1916.

Hon. JOHN PURROY MITCHEL, *Mayor, Chairman of the Board of Estimate and Apportionment:*

Sir—Herewith is transmitted a communication from the President of the Borough of Richmond, bearing date of May 8, 1916, presenting three deeds conveying to The City of New York title to the land within the lines of Oakland Avenue, between Henderson Avenue and Castleton Avenue, and requesting that the Board of Estimate and Apportionment authorize their acceptance.

These deeds are drawn in conformity with the provisions of former section 992 of the Charter, and were tendered to the Corporation Counsel in 1913, but were rejected by him at that time because of a defect in the title. I have been informally advised by the Corporation Counsel's office that the deeds were again presented for acceptance at a date subsequent to that on which the rules governing the acceptance of deeds were adopted by the Board, but were then rejected for the reason that the grantors would not conform to the conditions prescribed by these rules.

On January 21, 1916, the Board adopted a resolution providing for a waiver of the rules of September 17, 1915, governing the acceptance of deeds of cession, in those cases where deeds were in the possession of or tendered to the Law Department at the time of the adoption of said rules and that such deeds be accepted under the conditions formerly in force.

The deeds submitted to the Law Department in 1913 were returned to the grantors prior to the adoption of the above-mentioned rules and were not resubmitted until a date subsequent thereto, which condition, in my judgment, excludes them from the class of deeds above described.

I would accordingly recommend that they be returned to the Borough President with the suggestion that he call the attention of the grantors to the necessity of conforming with the rules of the Board as adopted on September 17, 1915, before again presenting the deeds to the Corporation Counsel for acceptance.

Respectfully, NELSON P. LEWIS, Chief Engineer.

The President of the Borough of Richmond stated the deeds had been submitted prior to the adoption by the Board of rules governing acceptances, and offered the following:

Whereas, the President of the Borough of Richmond has submitted to the Board of Estimate and Apportionment, under date of May 8, 1916, a deed dated October 15, 1913, from Frank J. Nettleton, Henry A. Tabb and Jeannie S. Tabb, John Whalen and Annie L. Whalen, and George E. Cullom and Katherine C. Cullom, a deed dated October 15, 1913, from John Frederick Smith and Abbie E. Smith, and a deed dated October 15, 1913, from Susan M. Burton and Amalie Smith, conveying to the City of New York real property within the lines of Oakland Avenue, between Henderson Avenue and Castleton Avenue, Borough of Richmond; be it

Resolved, that the Corporation Counsel be and he hereby is authorized and requested to accept the aforesaid deeds in accordance with the provisions of the resolution adopted by the Board of Estimate and Apportionment on January 21, 1916, reading as follows:

"Resolved, subject to the approval of the Board of Commissioners of the Sinking Fund, that the rules governing the acceptance of deeds conveying to the City of New York real property within street lines, adopted by the Board of Estimate and Apportionment on September 17, 1915, be waived as to deeds in the possession of or tendered to the offices of the Borough Presidents, the Law Department or the Board of Estimate and Apportionment at the time of the adoption of said rules by the said Board of Estimate and Apportionment, and that such deeds be accepted by the Corporation Counsel under the conditions contained in the sections of the Street Opening Law and under the terms fixed by the Board of Estimate and Apportionment relating to the acceptance of deeds of cession as these were in force prior to the enactment of chapter 606 of the Laws of 1915."

Which was adopted by the following vote:

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

Court House Board—Modified Plans, Specifications and Contract for New Court House and Issue of Corporate Stock Therefor (Cal. No. 85).

The Secretary presented a communication from the Secretary of the Court House Board, dated March 7, 1916, submitting for approval modified plans, specifications and contract for the erection of a new court house and requesting an authorization of $7,500,000 corporate stock to meet the cost thereof.

(On March 10, 1916 (Cal. No. 59), the matter was laid over until March 17, 1916, and referred to the Committee of the Whole for report. On the latter date (Cal. No. 121) the matter was laid over until March 24, 1916, awaiting the report of the Committee. On March 24, 1916 (Cal. No. 81), after hearing citizens and representatives of civic organizations in opposition to, or in favor of the proposed improvement, and the presentation of various communications on the subject, the matter was referred back to the Committee of the Whole.)

(The matter was ordered noted on the Calendar of the meeting held April 14, 1916, and laid over on that date until April 28, 1916. On April 28, May 5 and 19, 1916, the matter was again laid over; on the latter date (Cal. No. 101), until this meeting.)

(On April 14, 1916 (Cal. No. 122), a communication dated April 9, 1916, from the

Bedford Park Taxpayers' Association, Inc., in opposition to the construction of the court house at the present time, was presented.)

The Secretary presented communications dated April 14, April 15 and April 28, 1916, respectively, from the Taxpayers' Alliance of the Borough of The Bronx, the Sunset Park Civic Association of the Borough of Brooklyn and Peter J. Brady in opposition to any appropriations being granted for the building of the new court house; communications dated April 12 and April 24, 1916, from the Secretary of the Court House Board, transmitting copies of communications on file in the office of said Board, from the United Board of Business Agents of the Building Trades of Manhattan and Vicinity, the New York County Lawyers' Association, the Municipal Art Society, the New York Board of Trade and Transportation and the Fine Arts Federation of New York, in favor of the appropriation for the erection of the new court house; also communication, dated May 3, 1916, from the Secretary of the Court House Board, transmitting copies of communications from the American Scenic and Historic Preservation Society and others relative to the most advantageous time to advertise for bids for the construction of the New Court House, etc., and a communication, dated May 2, 1916, from W. H. Chesebrough, suggesting that the Board approve of an appropriation and contract for the erection of the new Court House upon the site purchased for that purpose, but to limit the financial commitment of the City to an amount sufficient to put in the foundations so that the work can be proceeded with immediately.

The matter was laid over for one week (June 9, 1916).

MATTERS CONSIDERED BY UNANIMOUS CONSENT.

The following matters not on the Calendar for this day were considered by unanimous consent:

Board of Estimate and Apportionment; Biennal Conference of the Federation of Women's Clubs of the United States—Resolution Extending Welcome to Delegates (Cal. No. 86).

The President of the Borough of Manhattan offered the following resolution:

Resolved, By the Board of Estimate and Apportionment that a hearty welcome be extended to the members of the Biennial Conference of Women's Clubs now in session in The City of New York; and

Resolved, Further, that it is the desire of the Board that there be also extended by the various City officials such courtesies as will facilitate or add to the convenience of the visiting delegates.

Which was adopted by the following vote:

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

Department of Street Cleaning—Disposal of Trade Waste (Cal. No. 87).

(On May 12, 1916 (Cal. No. 80), the report of the Commissioner of Street Cleaning relative to this matter was presented and referred to the Committee of the Whole for consideration in executive session.)

The Secretary presented the following communication from his Honor the Mayor:

New York, May 31, 1916.

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

Sir—At an executive meeting held this day, the Board decided to hold a public hearing on Wednesday, June 21, at 2.30 o'clock p. m., on the question of the collection and disposal of trade waste, as set forth in the report of the Commissioner of Street Cleaning, referred at the meeting of May 12, 1916. Please advertise. Yours very truly, JOHN PURROY MITCHEL, Mayor.

The Secretary also presented a communication dated June 1, 1916, from the New York Building Managers' Association, requesting that appropriations be made which will enable the proper City Departments to remove steam ashes from all office buildings in New York.

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hold a public hearing on Wednesday, June 21, 1916, at 2.30 o'clock P. M. in room 16, City Hall, Borough of Manhattan, on the question of the collection and disposal of trade waste as set forth in the report of the Commissioner of Street Cleaning, dated April 25, 1916, and presented to the Board on May 12, 1916.

Which was adopted by the following vote:

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

The Secretary was directed to notify the New York Building Managers' Association of the date of the hearing.

Department of Public Charities—Transfer of Appropriation (Cal. No. 88).

The Secretary presented a communication, dated May 31, 1916, from the Deputy and Acting Commissioner of Public Charities requesting a transfer within the appropriation for 1916; and the following report of the Deputy and Acting Comptroller recommending approval thereof:

June 2, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 29, 1916, the First Deputy and Acting Commissioner of Public Charities requested transfer of funds within appropriations to his department for the year 1916. This request was referred to the Bureau of Contract Supervision on the same date, which bureau reports thereon as follows:

"It is proposed to transfer the sum of $1,000 from Code 1950, Food Supplies, to Code 1951, Forage and Veterinary Supplies.

"In Account No. 1951 there is an available balance of $238.03 out of an appropriation of $7,010. With this sum and part of the amount to be transferred it is the desire of the commissioner to enter into a contract for

12,500 pounds oats	$233 75
23,000 pounds hay	386 40
4,000 pounds straw	42 00
750 pounds bran	12 38
200 pounds oil meal	5 00
	$679 53

"The balance of the transfer is to be used later to purchase additional forage, and including the forage to be acquired under the contract mentioned above, the supply should be sufficient for a period of only sixty days, based on a per diem cost per horse of 51 cents.

"The budget allowance was based on the assumption that with the substitution of motor vehicles for horse drawn vehicles all the horses in the department with the exception of 28 could be dispensed with by March 1, 1916, thereby effecting a decided economy. The department, however, experienced considerable trouble and delay in securing the new motor equipment as provided in the budget. Notwithstanding this fact the force of horses was gradually reduced from 128 to 40. Due to the delay in securing the new equipment the demands upon the appropriation for forage was considerably larger than anticipated with the result that the fund is now practically exhausted.

"The commissioner desires to retain in service at this time 40 horses, as the present motor vehicle service is not on a basis sufficiently efficient to warrant the entire reorganization of the vehicular service of the department as originally contemplated.

"As there is no available stock of forage on hand it is believed desirable that your board provide the additional funds by transfer as requested so that the necessary forage might be procured without delay. In the course of the next few weeks the Commissioner will probably apply to the Board of Aldermen for an issue of special revenue bonds to replenish this account. Meantime the necessity for the 12 horses over the original allowance basis can be more fully determined.

"Owing to the actual census in the institutions being less than the census upon which the budget allowance for food was based, there appears to be sufficient excess balance in Account 1950 to permit of the transfer."

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

Respectfully, ALEX. BROUGH, Deputy and Acting 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 Public Charities for the year 1916, as follows:

FROM

Supplies.

1950	Food Supplies	$1,000 00

TO

Supplies.

1951	Forage and Veterinary Supplies	$1,000 00

Which was adopted by the following vote:

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

Department of Water Supply, Gas and Electricity—Issue of Special Revenue Bonds, Appropriation from Water Revenues and Modification of Schedules (Cal. No. 89).

The Secretary presented a resolution adopted by the Board of Aldermen on May 9, 1916, requesting issue of $18,975 special revenue bonds to be used by the Commissioner of Water Supply, Gas and Electricity to employ labor for additional protection to the Croton Water Shed and the New Croton Aqueduct, a communication dated May 26, 1916, from said Commissioner, requesting an appropriation of $12,320 from Brooklyn Water Revenue for appointment of Laborers to patrol the Brooklyn watershed, reservoirs and aqueducts connected with the Brooklyn Water supply system; and the following report of the Committee on Salaries and Grades relative thereto:

June 1st, 1916.

To the Board of Estimate and Apportionment:

Gentlemen—On May 23rd, 1916, the Board of Aldermen requested the Board of Estimate and Apportionment to authorize an issue of special revenue bonds for $18,975, the proceeds of which are to be used to provide additional protection on the Croton Watershed and the new Croton Aqueduct. Your Committee recommends concurrence in this resolution to the extent of $18,475, which represents the amount necessary at this time to provide such additional protection as the Commissioner of Water Supply, Gas and Electricity deems necessary up to the end of the year.

On May 26th, 1916, the Commissioner of Water Supply, Gas and Electricity requested an allotment of $12,320 from the Brooklyn Water Revenues in order to provide for the appointment of 22 additional Laborers to patrol the Brooklyn Watershed and the Reservoirs and Aqueducts connected with the Brooklyn Water Supply System. This amount may be reduced to $11,550, which is the amount now needed to carry this force to the end of the year. Your Committee recommends that this amount be granted.

Attached hereto are (1) a resolution concurring in the recommendation of the Board of Aldermen to the extent of $18,475 in special revenue bonds, (2) resolution to modify schedules to include the special revenue bond allowance of $18,475, to provide 30 additional Laborers on the Croton Watershed, and modification to include $11,550 for 22 additional Laborers for the Brooklyn Watershed to the end of the year; and (3) resolution setting aside $11,550 out of the Brooklyn Water Revenues for use of the Department of Water Supply, Gas and Electricity for the year 1916.

Respectfully, ALEX. BROUGH, Deputy and Acting Comptroller; JOHN PURROY MITCHEL, Mayor; LEWIS H. POUNDS, President, Borough of Brooklyn; Committee on Salaries and Grades.

The following resolution was offered:

Resolved, That the resolution adopted by the Board of Aldermen on May 9, 1916, requesting an issue of special revenue bonds in the sum of eighteen thousand nine hundred and seventy-five dollars ($18,975), the proceeds thereof to be used by the Department of Water Supply, Gas and Electricity for employing laborers to patrol the Croton Water Shed and the New Croton Aqueduct, all obligations contracted for hereunder to be incurred on or before December 31, 1916, be and the same is hereby approved of and concurred in by the Board of Estimate and Apportionment to the extent of eighteen thousand four hundred and seventy-five dollars ($18,475), 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 eighteen thousand four hundred and seventy-five dollars ($18,475), redeemable from the tax levy of the year succeeding the year of their issue.

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment, pursuant to the provisions of subdivision 1 of section 242 of the Greater New York Charter, hereby further appropriates from the water revenues received in the Borough of Brooklyn during the year 1916 the sum of eleven thousand five hundred and fifty dollars ($11,550.00) for the use of the Department of Water Supply, Gas and Electricity in the maintenance, improvement and extension of the water supply system of the Borough of Brooklyn during the year 1916, the said appropriation to be apportioned as follows:

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Personal Service, Wages, Temporary Employees.

	Collection and Storage—	
2197W	Water Revenue Force	$10,500 00
	Distribution—	
2201W	Water Revenue Force	1,050 00
	Total	$11,550 00

—and be it further

Resolved, That the appropriation herein made for Wages, Temporary Employees, Collection and Storage, 2197W, Water Revenue Force, and Distribution, 2201W, Water Revenue Force, shall be administered by the Commissioner of Water Supply, Gas and Electricity in accordance with the 1916 Budget resolutions relative to the appropriations for Wages, Temporary Employees.

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedules, as revised, for the Department of Water Supply, Gas and Electricity, for the year 1916, as follows:

Personal Service, Wages Temporary Employees.

2196	Collection and Storage—Tax Levy Force—	
	Foreman, at $3 per day (10 days)	$30 00
	Assistant Foreman, at $3 per day (30 days)	90 00
	Laborer, at $2.50 per day (8,300 days)	20,750 00
	Schedule Total	$20,870 00
	Tax Levy Allowance	$2,395 00
	Special Revenue Bond Allowance	18,475 00
	Total Allowance	$20,870 00
2197W	Water Revenue Force—	
	Foreman, at $4 per day (20 days)	$80 00
	Assistant Foreman, at $3.50 per day (10 days)	35 00
	Carpenter, at $5 per day (20 days)	100 00
	Bricklayer, at $6 per day (10 days)	60 00
	Mason's Helper, at $3 per day (10 days)	30 00

	Well Driver, at $3 per day (20 days)	60 00
	Laborer, at $2.50 per day (4,690 days)	11,725 00
	Schedule Total	$12,090 00
	Water Revenue Allowance	12,090 00
2201W	Water Revenue Force—	
	Assistant Foreman, at $3 per day (63 days)	$189 00
	Plumber, at $5.50 per day (60 days)	330 00
	Machinist, at $4.50 per day (70 days)	315 00
	Machinist's Helper, at $3 per day (70 days)	210 00
	Blacksmith, at $4.50 per day (10 days)	45 00
	Blacksmith's Helper, at $3 per day (10 days)	30 00
	Caulker, at $4 per day (575 days)	2,300 00
	Tapper, at $4 per day (10 days)	40 00
	Driver, at $2.50 per day (20 days)	50 00
	Laborer, at $2.50 per day (1,970 days)	4,925 00
	Schedule Total	$8,434 00
	Water Revenue Allowance	8,434 00

Which was adopted by the following vote:

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

Board of Estimate and Apportionment—Insuring Municipal Employes Under the Workmen's Compensation Law (Cal. No. 90).

The President of the Borough of Brooklyn moved that the Secretary be directed to request the Corporation Counsel to advise the Board before the meeting to be held on Friday, June 9, 1916, as to the responsibility and liability of the City with reference to the insurance of City employees under the Workingmen's Compensation Law, as recently amended.

Which motion was agreed to.

Board of Estimate and Apportionment; Commissioner of Accounts—Transfer of Appropriation and Modification of Schedules (Cal. No. 91).

The Deputy and Acting Comptroller moved that the resolution adopted May 26, 1916 (Cal. No. 164), transferring the sum of $4,000 from the Contingent Fund of the Board of Estimate and Apportionment to the Commissioner of Accounts, be reconsidered, which motion was agreed to.

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 for the year 1916, as follows:

FROM

BOARD OF ESTIMATE AND APPORTIONMENT.

47	Contingencies	$4,000 00

TO

COMMISSIONER OF ACCOUNTS.

225	Contingencies	$4,000 00

Which was adopted by the following vote:

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

The following resolution was offered:

Resolved, That the Board of Estimate and Apportionment hereby approves of the schedule, as revised, for the Board of Estimate and Apportionment for the year 1916, as follows:

47	Contingencies		$64,111 30
	Bureau of Public Improvements—		
	Assistant Engineer at $2,700 per annum (3 months)		675 00
	Committee on Taxation—		
	Stenographer and Typewriter at $80 per month (2 months)	$160 00	
	For temporary and occasional services	250 00	
	For general and incidental expenses	300 00	
			710 00
	Pension Commission		225 00
			$65,721 30

Which was adopted by the following vote:

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

Flatbush Avenue Extension, Between Concord and Nassau Streets, Borough of Brooklyn—Petition for Reapportionment of Cost of Acquiring Title to Widening (Cal. No. 92).

The Secretary presented a communication, dated May 26, 1916, from the Secretary of the Brooklyn Civic Club, Inc., enclosing copy of resolution adopted at a meeting of the Board of Directors of said Club on May 25, 1916, requesting the Board to reconsider its action of March 7, 1912, placing on the City fifty per centum of the cost of acquiring land for the widening of the Flatbush Avenue Extension, between Concord and Nassau streets, Brooklyn, to the end that the entire cost shall be placed upon the City at large.

(On May 19, 1916 (Cal. No. 63) a similar request from the Brooklyn Board of Real Estate Brokers was referred to the Committee on Assessments.)

The communication was referred to the Committee on Assessments.

Department of Parks, Borough of Brooklyn—Improvement to Swimming Pool at Betsy Head Memorial Playground (Cal. No. 93).

The Secretary presented a resolution adopted by the Alumni Association of Public School No. 109, Brooklyn, urging an appropriation for the erection of a glass roof and covering of the swimming pool in the Betsy Head Memorial Playground in Brownsville so as to make possible the use of the pool throughout the entire year.

The matter was referred to the Commissioner of Parks, Borough of Brooklyn, for report.

President, Borough of Manhattan—Report Upon Results of Test of Steam and Electric Plant at Hall of Records (Cal. No. 94).

The Secretary presented a communication, dated May 29, 1916, from the Director of the Bureau of Municipal Research, submitting additional information with respect to the test of the steam and electric plant in the Hall of Records, Borough of Manhattan.

(On February 25, 1916 (Cal. No. 77), and March 24, 1916 (Cal. No. 60), reports from the Bureau of Municipal Research as the result of the above test were referred to the Chief Engineer of the Board and the Consulting Engineer of the Borough of Manhattan.)

The communication was referred to the Chief Engineer of the Board and the Consulting Engineer of the Borough of Manhattan.

Charitable Institutions; German Hospital of Brooklyn—Request for Additional Appropriation (Cal. No. 95).

The Secretary presented a communication, dated April 1, 1916, from the Superintendent of the German Hospital of Brooklyn, renewing request for funds to provide for the appointment of a Custodian for the hospital.

(On April 28, 1916 (Cal. No. 163), the original request was referred to the Comptroller.)

The communication was referred to the Comptroller.

West 219th Street, from Broadway to Indian Road and to West 220th Street, from Broadway to Seaman Avenue, Borough of Manhattan—Acquiring Title (Cal. No. 96).

The Secretary presented a communication, dated May 25, 1916, from the President of the Henry Morgenthau Company, urging the acquisition of title to West 219th street, from Broadway to Indian road, and to West 220th street, from Broadway to Seaman avenue, Borough of Manhattan.

(On May 26, 1916 (Cal. No. 10), the above matter was referred to a Committee, consisting of the Chief Engineer of the Board and the President of the Board of Aldermen.)

The communication was referred to the committee, consisting of the Chief Engineer of the Board and the President of the Board of Aldermen.

Department of Water Supply, Gas and Electricity—Retirement of Charles H. Ramsden, Inspector of Meters and Water Consumption (Cal. No. 97).

The Secretary presented a communication, dated May 25, 1916, from the Commissioner of Water Supply, Gas and Electricity requesting the retirement of Charles H. Ramsden, Inspector of Meters and Water Consumption.

The matter was referred to the Committee on Salaries and Grades.

Public Service Commission for the First District; Board of Estimate and Apportionment—Progress on Certain Sections of Rapid Transit Routes (Cal. No. 98).

(Contracts referred to in the following communication from the President of the Borough of The Bronx, dated May 29, 1916, were approved April 28, 1916 (Cal. No. 1), and May 19, 1916 (Cal. No. 100).)

The Secretary presented the following communications from the President of the Borough of The Bronx relative to approval of contracts for certain sections of Rapid Transit Routes with Lawrence C. Manuell and E. C. Moore, which were ordered printed in the Minutes and filed:

City of New York, President of the Borough of The Bronx, Third Avenue and 177th Street, Office of the President, May 31, 1916.

To the Board of Estimate and Apportionment:

There has been made a part of the record of the meeting of your Board held on Friday, May 12, 1916, in connection with the action then taken approving of a certain stipulation to be entered into between the City of New York, acting by the Public Service Commission for the First District, and the Interborough Rapid Transit Company, a letter from Hon. Oscar S. Straus, Chairman of the Public Service Commission, addressed to Hon. John Purroy Mitchell, Mayor, under date of May 9, 1916.

As Chairman of the Committee on Transit and at the request of the Mayor, I communicated with Chairman Straus, commenting upon certain of the statements made in his letter. A copy of that communication, which is dated May 29th, 1916, is enclosed herewith. I would suggest that that communication be made a part of the record, so that it may be read in connection with Chairman Straus's letter.

Respectfully yours, DOUGLAS MATHEWSON, President of the Borough of The Bronx, Chairman, Committee on Transit of the Board of Estimate and Apportionment.

City of New York, President of the Borough of The Bronx, Third Avenue and 177th Street, May 29, 1916.

Hon. OSCAR S. STRAUS, *Chairman, Public Service Commission for the First District,* 120 Broadway, Manhattan, New York City:

Dear Mr. Chairman—I appreciate your courtesy in having sent to me by Mr. James B. Walker, Secretary, under date of May 9th, a copy of the letter signed by you and addressed to His Honor, the Mayor, relative to duct lines and other matters.

The letter to the Mayor I have read with care, and, inasmuch as some statements in it might convey a false impression, and I have particular knowledge concerning the subjects involved, I deem it my duty to comment upon it, for I am sure that you would not knowingly issue over your signature any communication which would not correctly state the facts, or which would create false impressions. I know, too, that many of the occurrences to which reference is made took place before your connection with the Public Service Commission, so that you could not be expected to have had the personal knowledge which one reading the letter, and not knowing all the facts, might surmise that you had.

You are quite correct in stating that there has been ground for concern over the situation in regard to duct lines, but do you not think it would be fairer, rather than to attribute the situation to the position taken by the Board of Estimate and Apportionment on the advice of the Corporation Counsel, to attribute it to the difference in opinion of the respective legal staffs of the City and of your Commission, and the failure to have obtained an authoritative judicial decision in the months that have elapsed during which one might have been obtained? You know it takes two to make a disagreement, and on such a close question as the one involved, no lawyer (and I am sure, least of all, one with the experience of yourself) would be willing to guarantee the inerrancy or infallibility either of the Corporation Counsel's opinions, or of your own legal staff.

In your letter you state that:

> "The contract with Lawrence C. Manuell for the construction of Section No. 2 of Routes Nos. 19 and 22 (Westchester and Whitlock Avenues in the Borough of he Bronx) *was so delayed in the Board of Estimate and Apportionment on account of this question* (of ducts) *that the contractor at first refused to execute the contract because of the delay and because of the intention to omit these ducts.*"

The underlining (italics) is mine.

To one who reads as the ordinary reader does, such a statement is a plain intimation that the Board of Estimate and Apportionment, and its staff, was very nearly responsible for the City losing nearly a million dollars through a justified refusal of Mr. Manuell to execute a contract, the loss being because of the increased price of steel, which loss was only averted by what you term the "most unusual action" of the Public Service Commission. Is that implication quite fair? Let me give you a little history concerning this Westchester Avenue contract.

I entered upon the duties of my present office on the first day of January, 1914. I had not been in office many months before the people of the East Bronx commenced to protest that they were being discriminated against because of the inactivity of the Public Service Commission in not providing for the letting of the contract for the construction of the route along Westchester Avenue. Then, along in the fall of 1914, the staff of the Public Service Commission apparently discovered that the delay in giving out that contract was chargeable to my office, or, at least, statements to that effect were made, and under date of October 29, 1914, I received a letter from the then Chairman of the Public Service Commission upon the subject of the rapid transit line crossing the Bronx River at Westchester Avenue. This letter stated that all of the subway construction contracts for the rapid transit lines in The Bronx were then under way except the one for the outer end of the Westchester Avenue line, beginning at about Whitlock Avenue and Bancroft Street, the plans for which work could not be made until the character of the Bronx River crossing had been determined upon. The letter then set forth three alternatives, i. e., a draw span, which the then Chairman thought should be eliminated from further consideration, for reasons mentioned; a tunnel under the river, which would entail an additional cost of approximately two million dollars, on account of which the then Chairman thought that method prohibitive; or crossing the river on an elevated railroad on a fixed span. This last method the communication favored and discussed. It was stated among other things in the letter that if this method of crossing was agreed upon numerous other considerations must be borne in mind, such as the grade of Westchester Avenue, the ultimate clearance to be provided for the New Haven Railroad bridge, crossing several hundred feet north, which it was stated the Commission believed should be made a fixed span. It was stated that the only logical way of dealing with the problem was to develop the whole situation, and with that idea in mind Chief Engineer Craven was having a plan prepared which would indicate a change in the City map, which, among other things, would ultimately permit the New Haven bridge to be closed with a fixed span at a clearance of 24 feet above mean high water.

The then Chairman further continued that as soon as the plan was finished it would be submitted to me, with the request that if it receive my approval I submit it to the Board of Estimate and Apportionment as a change in the City map, and for the purpose of that Board requesting the Secretary of War to authorize the City to close the Bronx River north of Westchester Avenue. The then Chairman very courteously suggested that pending the completion and transmission to me of the plan referred to he would greatly appreciate it if the matter could be considered by my representatives, in order that they might inform Mr. Craven whether or not we agreed with the principles as outlined. The map mentioned was submitted in a tentative form on November 18, 1914. The matter was given immediate consideration by the engineers of the office of the Borough President of The Bronx.

Under date of January 14, 1915, I wrote the then Chairman of your Commission—

and you will note that this was 57 days after the plan had been received, during which time careful studies and calculations had to be made—enclosing a lengthy report of the Chief Engineer of my office, approved by my Consulting Engineer, concurring in the views expressed in that report. That report recommended that nothing be done or initiated for changes in the surface grades necessarily involved in a change of grade for the New Haven Railroad draw-bridge, the solution of that question to be left for later developments. I stated that I was particularly desirous that that position be taken because the New Haven Railroad had theretofore succeeded in having done in the Borough of The Bronx considerable that it desired, where it was claimed that the resultant expense had been placed on property owners, and to some extent, on the City, rather than upon the Railroad, where it belonged. I further suggested that if that Railroad, for its own purposes, desired a change, it and not the City, could become the applicant, and the Railroad could be made to assume the entire expense, and stated that certainly a disposition of the Railroad and street grades was not necessary for a solution of the problem as to how to carry the transit system across the Bronx River at Westchester Avenue, the solution proposed being that a map be prepared for a fixed span for the construction contemplated, at a clear elevation above mean high water of 65 feet, and the authority of the Federal Government obtained to the closing of the river to masted vessels north of Westchester Avenue.

In that letter I stated that it seemed hardly necessary to add that the sentiment of the people along the proposed route was very much aroused and insistent upon immediate action, and that while perhaps it seemed that our action might have been hurried, I assured the then Chairman that it had involved a very considerable amount of work and research, and all things considered, had been closed as rapidly as possible.

On February 17, 1915, I received a letter dated February 16, 1915, from then Secretary Whitney of your Commission, that he was directed by the Commission at its meeting held on the day the letter was written, to inform me that the plan, which had been forwarded on January 30, 1915, showing a bridge with a mean high water clearance of 61 feet, had been examined and found to be satisfactory, and that the Commission approved the plan. On February 17, 1915, I forwarded the plan to the Board of Estimate and Apportionment, with a recommendation that a resolution be adopted by the Board, requesting the Federal War Department to close the portion of the Bronx River north of the southerly side of Westchester Avenue, as required for the carrying out of the plan.

On February 19, 1915, the Board of Estimate and Apportionment adopted a resolution accordingly. On March 10, 1915, a public hearing was held upon the application at the War Department District Engineer's Office, First District, which was attended by representatives of my office, but not of yours, as I am informed, although the Secretary of your Commission did write a letter to Col. Black, the then District Engineer, dated March 10, 1915. It is unnecessary to detail the questions raised by the Engineers of the War Department, and it suffices to say that the Corporation Counsel and representatives of this office succeeded in having the various objections raised, disposed of, so that on the 11th of June, 1915, the approval and consent of the Acting Secretary of War was obtained, and the way cleared for construction. Meanwhile, and as early as April 7, 1915, as appears from a letter on my files, the Engineers of your Commission were at work on the contract drawings. Bids were not advertised for, however, until November 11, 1915, to be opened on November 30, 1915.

On December 10, 1915, your Commission awarded the contract to Lawrence C. Manuell, subject to the consent of the Board of Estimate and Apportionment, and to the appropriation by that Board of the necessary funds, and under the same date, but actually on December 16, 1915, through its Acting Chairman, transmitted the proposed contract to the Board of Estimate and Apportionment for its approval and for the necessary appropriation. Then was raised the question, which had previously been raised as early as September 24, 1915, that so much of the contract as related to duct installation was a contract for equipment and not construction, and so therefore, chargeable to the operating company and not to the City. The matter was apparently being argued out between subordinates of the Board of Estimate and Apportionment and of your Commission until along in January.

As nearly as I recall, about the middle of that month, as a member of the Transit Committee of the Board of Estimate and Apportionment, I took an interest in the situation. Suggestions were made that the question be provided for by stipulation between the City and the operating company. I know that on January 25th of this year, I participated in a conference attended by then President McAneny, then Chairman of the Transit Committee of the Board of Estimate and Apportionment, and representatives of the Municipal Railways Company, the Interborough Company, of the Corporation Counsel's office, of the Comptroller's office, and of your Commission, and discussed the possibility of some solution of the question. At that time it was agreed that Mr. Harkness, of your legal staff, should take up with the legal representatives of the operating companies, the question of arriving at an agreement upon a form of stipulation, so that the work could be continued by the City, the price agreed to, and an agreed case made for the Appellate Division to fix final responsibility. In this the representatives of the Corporation Counsel were to co-operate.

Under date of January 26th, I received from Mr. Harkness a draft of such a proposed stipulation. Then the matter apparently dragged again, although I subsequently learned that the Interborough's representatives—that company being the one interested in the particular contract in question—refused to execute any stipulation whatever.

On February 4th again I took up the matter at the offices of your Commission, but at that time, the Interborough not then having refused to proceed along those lines, it was still agreed that efforts would be made to obtain a stipulation in a form which Mr. Harkness and Assistant Corporation Counsel Hahlo should agree upon.

Then on Monday, February 14th, there was another conference at the offices of your Commission, and I think that this was the first time that it was my privilege to go over the situation with your good self. At that conference some one offered the happy suggestion that the contract should be approved, the work ordered ahead, and that then there should be an understanding that the Chief Engineer, pursuant to the terms of the contract, should direct the elimination of the duct work so that your Commission might order the operating company to put it in, and an adjudication be obtained. This was agreed to by all present, and on the day following, and on the 17th of February, letters were exchanged between myself—I at that time having become Chairman of the Transit Committee of the Board of Estimate and Apportionment—and the Secretary of your Commission, setting forth the understanding arrived at.

Four days afterward, at the next meeting of the Board of Estimate and Apportionment, the Manuell contract was approved and the appropriation made. This was on February 18th.

Up to that time I had not heard the slightest suggestion, as stated in your letter, that the contractor refused to execute the contract because of the delay, and because of the intention to omit the ducts. To the contrary, I heard after that time, and this upon inquiry at the offices of your Commission, that the contractor kept repeatedly requesting additional time to execute the contract, even stipulating that the time of completion should not be extended by his delay. I was similarly informed that the difficulty was in the contractor's securing the necessary bond.

On Friday, April 7th, well on toward two months after the Board of Estimate and Apportionment had approved the contract, I was called to the offices of your Commission and informed that the contractor was endeavoring to repudiate the contract and withdraw from it. At this interview, at which were present Commissioner Hayward, Commissioner Hodge, Commissioner Whitney, and Commissioner Hervey, as well as Mr. Harkness and some others, I learned for the first time that the contractor was basing his claims, in part, upon the proposed intention to exclude the duct work. Within two hours after that, I telephoned Commissioner Hodge that if that were an element in the situation, the understanding as to the elimination of the duct work would be withdrawn and the work could be done under the contract, and this after conference with other members of the Board of Estimate and Apportionment sufficient to justify my making the statement upon the authority of a majority of the votes.

Then followed the negotiations so successfully consummated by your Commission for the successful completion of which we are all so largely indebted to Commissioner Hodge, resulting in the contract being executed. In every possible way that the City's representatives in the Board of Estimate and Apportionment or in the Corporation Counsel's office could co-operate, they did.

Under date of April 27, 1916, your Commission, through its Secretary, forwarded to the Board of Estimate and Apportionment for approval the stipulations and modifying agreements necessary to carry out the arrangement pursuant to which the contract was to be executed, and on the next day, April 28th, the Board of Estimate and Apportionment gave the necessary approval. This was done at an adjourned meeting specially held for that purpose at three o'clock in the afternoon. I may add that different of the actions referred to herein as having been taken by the Board of Estimate and Apportionment, were taken upon the introduction of the matter for consideration, by unanimous consent, the communications from your Commission having been received too late, or understandings having been arrived at too late to permit of the matter being placed upon the Board of Estimate and Apportionment calendar in the regular way.

I have recited this history somewhat fully. I deemed that course necessary because of the implication, I am sure unintentional so far as you were personally concerned, that the delay in erecting the rapid transit route along Westchester Avenue was owing to delay by the Board of Estimate and Apportionment. I think anyone who scans the record, and I have that faith in yourself which makes me believe you will agree with me, must appreciate that what action has been required of the Board of Estimate and Apportionment, or any of its members, was not only taken with celerity, but with unusual celerity, and that the only way in which matters could have been hastened by the Board of Estimate and Apportionment or its subordinates would have been through an unconditional surrender by them to the views of the lawyers of your legal staff, notwithstanding the contrary opinion held by the official legal adviser of The City of New York, its Corporation Counsel. It is but fair to add that had the Manuell contract been earlier let the high steel market would have been avoided in that way, too, for the price for steel was already advancing and had advanced as far back as November, 1915.

Turning now to the 44th Street duct line, also referred to in your letter, it is quite true that on September 10, 1915, the Commission transmitted the contract for that work to the Board of Estimate and Apportionment. On September 24th the Board, upon a report of the Comptroller, adopted a resolution submitting a copy of that report to the Public Service Commission, with the request that the Public Service Commission reconsider the bid of Mr. Moore in relation to the prohibition in the invitation to contractors against improper balancing of unit prices, and that after such reconsideration the Commission notify the Board whether or not the bid of E. C. Moore complied with this prohibition. It also directed that a copy of the same report be submitted to the Corporation Counsel, with the request that he advise the Board upon the question of whether or not duct lines constructed apart from the railroad structure, should be charged as construction or equipment.

It appeared that notwithstanding the provision in the invitation of your Commission to contractors, that "the unit prices must not be improperly balanced and any bid which the Commission considered detrimental to the City's interest may be rejected," that on 26 out of a total of 42 important items, the contractor had bid only one cent per unit, while on the earth excavation, which would be the first work done, the successful bidder bid the high price of $2.20 per cubic yard.

The Corporation Counsel having advised under date of November 10, 1915, that the work contemplated by that contract was properly equipment, and should be charged for as such, and not as construction, the Board of Estimate and Apportionment on December 3, 1915, disapproved the proposed award of the contract to Mr. Moore and instructed its Secretary to return to your Commission the official papers in the case.

The representatives of the Interborough apparently having reconsidered the refusal to sign stipulations made in connection with the Manuell contract, negotiations were held between representatives of your Law Department and of the Corporation Counsel's office, in an effort to work out a stipulation which would be acceptable in the Moore 44th Street contract. The first I heard of these negotiations nearing completion was when on April 17th of this year, four months after the Board of Estimate and Apportionment's action, I received for my information, copies of certain correspondence between Mr. Quackenbush, representing the Interborough Rapid Transit Company, and Mr. Harkness, Assistant Counsel of your Commission, and of the proposed stipulation, the correspondence all being dated in April, 1916, and all of the correspondence and the contract, of which I obtained copies, having been forwarded to Assistant Corporation Counsel Hahlo for the purpose of his considering the draft of the proposed stipulation.

Later, and on April 27, 1916, I received for my information, a copy of a letter sent by Mr. Coleman, Counsel to your Commission, to the Corporation Counsel, which transmitted four copies of the same stipulation which had theretofore been transmitted to Mr. Hahlo for the formal approval of the Corporation Counsel, with the request that they be transmitted to myself as Chairman of the Transit Committee, so that I might submit the stipulations to the Board. It is true that between that date and the date when I received the copy of your letter to the Mayor, I personally did not follow the matter up, assuming that as soon as the stipulations were approved they would be forwarded to me. This, however, was but a delay of two weeks, after a four months' delay, which would have seemed almost long enough to have brought about a situation enabling recourse to the courts and an adjudication upon the disputed point, and does not seem very material.

However, upon receipt of the copy of your letter to the Mayor, I did take the matter up, and on May 12th, without the matter being regularly upon the calendar of the Board of Estimate and Apportionment, the Board approved the proposed stipulations, reconsidered its action in disapproving the Moore contract, and laid the question of approving that contract over for one week, to permit of the stipulations being executed, and on May 19th, the Board of Estimate and Apportionment approved the Moore contract for the 44th Street ducts. I would call your attention, too, to the fact that it did this after all the papers in the matter had been officially returned to your Commission, and without their having been at any time returned by your Commission to the Board of Estimate and Apportionment, until they were returned on said May 12th, after the meeting of that Board, the only ground for taking it up being a request that the Corporation Counsel transmit the subject of the stipulations—not of the contract—with his approval, to me to bring it before the Board. It would seem that what comment I made upon the subject of delay in the Manuell contract, might very well be repeated as to the Moore 44th Street contract.

As to the matter to which you refer, of the small duct line under the viaduct over the Sunnyside Yard, I have no personal knowledge, and so far as I know, the subject has not been called to my attention. I have directed that it be taken up.

My own opinion is that one of the cases you mention as a proper one to test the question of whether ducts be equipment or construction, should be utilized for that purpose. I particularly so understood this as to the New Utrecht Avenue line, and I think that that understanding is clearly shown in my letter to yourself under date of February 21st, your answer thereto under date of March 2nd, and my acknowledgment of the receipt of that answer, under date of March 6th. It is possible that in the two months and more that have elapsed, some steps have been taken to secure an adjudication as concerns that particular line. I am in accord with your belief that the Corporation Counsel should control any proceedings that may be brought to secure such an adjudication, and the Mayor informs me that he has called the attention of the Corporation Counsel to the suggestions in your letter that affect legal matters. He will doubtless act upon them accordingly.

The very considerable length of this communication is probably open to criticism, but I feel that you and your associates upon the Public Service Commission are desirous, as are the members of the Board of Estimate and Apportionment, of the most thorough co-operation in matters over which your Commission and the Board of Estimate and Apportionment exercise authority. Co-operation can best be obtained where facts are plainly stated. I have endeavored to state them plainly here, feeling assured of your willingness to consider them. It is most desirable that there should be a thorough understanding. The Public Service Commission and the Board of Estimate and Apportionment are jointly interested in completing our great transit undertaking with the utmost expedition. The earlier the operation of the new system, the better it is for the City, which we all, in different capacities, represent, and I can assure you that I feel that I speak for my associates upon the Board of Estimate and Apportionment in stating that what can be done will be done to expedite matters, believing that in that aim we will have the most thorough co-operation of yourself and the members of your Commission, leaving the records to speak for themselves as to the progress of different matters, rather than indulging in comment as a matter of record.

With my assurance of most hearty esteem for yourself, believe me to be, sincerely yours,

(Signed) DOUGLAS MATHEWSON, President of the Borough of The Bronx, Chairman, Transit Committee, Board of Estimate and Apportionment.

On motion, the Board adjourned, to meet Friday, June 9, 1916, at 10.30 o'clock a. m.

JOSEPH HAAG, Secretary.

DEPARTMENT OF FINANCE.

WARRANTS MADE READY FOR PAYMENT IN DEPARTMENT OF FINANCE MONDAY, JUNE 12, 1916.

Below is a statement of warrants made ready for payment on the above date, showing therein the Department of Finance voucher number, the dates of the invoices or the registered number of the contract, the date the voucher was filed in the Department of Finance, the name of the payee and the amount of the warrant.

Where two or more bills are embraced in the warrant, the dates of the earliest and latest are given, excepting that, when such payments are made under a contract, the registered number of the contract is shown in the place of the second invoice date.

Where the word "final" is shown after the name of the payee, payment will not be made until thirty days after the completion and acceptance of the work, but all of the other warrants mentioned will be forwarded through the mail unless some reason exists why payment is to be made in person, in which event written notice will be promptly given to the claimant.

In making a written or verbal inquiry at this office for any of the above mentioned warrants, it is requested that reference be made by the Department of Finance voucher number.

WILLIAM A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.
			Armory Board.	
82634	5- 2-16	6- 7-16	T. J. Cummins Plbg. Co.	$14 27
82343	4- 5-16	6- 6-16	William Farrell & Son	12 38
82341	5-13-16	6- 6-16	William Farrel & Son	3375
			Department of Bridges.	
82241		6- 6-16	Ernest E. Krampff	1 63
			Bellevue and Allied Hospitals.	
76533	4-13-16	5-22-16	G. E. Stechert & Co	252 75
75094			Hayes, Diefenderger Co., Inc	604 40
			Supreme Court.	
82527	1-24-16. 5-11-16	6- 7-16	Remington Typewriter Company	3 35
			Board of City Record.	
82831	5-20-16	6- 8-16	William Bratter & Co	12 25
82830	5-12-16. 5-18-16	6- 8-16	M. B. Brown Ptg. & Bdg. Co	19 08
82832	5-11-16. 5-12-16	6- 8-16	P. J. Collison & Co	14 86
82892	5-12-16	6- 8-16	The J. W. Pratt Co	19 50
82837	5-18-16	6- 8-16	M. B. Brown Ptg. & Bdg. Co	1 50
82839	5-16-16	6- 8-16	P. J. Collison & Co	10 00
82838	5-10-16. 5-13-16	6- 8-16	The J. W. Pratt Co	29 50
82844	5- 8-16	6- 8-16	William Bratter & Co	27 40
82843	5- 5-16	6- 8-16	The J. W. Pratt Co	5 50
82840	5-18-16	6- 8-16	The J. W. Pratt Co	10 00
82842	5-18-16	6- 8-16	P. J. Collison & Co	23 60
			Department of Correction.	
82989			John Hayes, Warden	3 85
82988	5-31-16	6- 8-16	Martin J. Feely, Warden	11 05
66386	4-15-16	4-26-16	The Knickerbocker Paint Company	160 00
66382	12-15-15. 12-31-15	4-26-16	The Sherwin-Williams Co	133 83
62420	11-10-15. 2-27-16	4-15-16	The Sherwin-Williams Co	241 56
			District Attorney, Bronx County.	
82450	5-31-16	6- 6-16	Fred M. Schildwachter, Inc	8 65
			District Attorney, New York County.	
82971	5-31-16	6- 8-16	The Western Union Telegraph Co	33 09
82968		6- 8-16	Francis X. Mancuso	98 81
			Department of Docks and Ferries.	
82267	5- 1-16	6- 6-16	Sagamore Water Company, Inc	21 28
82268	5-10-16	6- 6-16	Agent & Warden of Sing Sing Prison.	4 80
			Department of Education.	
80935	2-10-16 41646	6- 1-16	The Baker & Taylor Co	14 00
82736	5-16-16	6- 6-16	J. L. Fries	12 80
82755			Abraham S. Magida	8 00
81391	12-31-15 41201	6- 2-16	Jas. S. Barron & Co	34 77
80985	3-25-16 41253	6- 1-16	A. L. Nathan & Co	41 99
80958	1-17-16 39289	6- 1-16	The Macmillan Co	3 72
80969	1-18-16 44546	6- 1-16	G. Schirmer, Inc	19 20
81360	3-31-16 44569	6- 2-16	Peerless Manifold Book Co	38 40
80970	3-31-16 44418	6- 1-16	M. B. Brown Ptg. & Bdg. Co	11 38
80986	9- 4-14 38513	6- 1-16	Hammacher, Schlemmer & Co	16 33
81020	1-25-16 41124	6- 1-16	M. J. Tobin	7 65
80965	6- 2-16 41482	6- 1-16	Defiance Manufacturing Co	1 08
80968	1-18-16 44491	6- 1-16	D. Appleton & Co	22 32
81371	12-21-15 41491	6- 2-16	Syndicate Trading Co	84
81414	12-10-15 41485	6- 2-16	F. W. Devoe & C. T. Raynolds Co	2 69
80939	1-21-16 44398	6- 1-16	Isidor Frank	9 71
80940	44398		Isidor Frank	13 04
82602	5- 6-16	6- 7-16	Department of Public Charities	29 02
82601	5- 6-16	6- 7-16	Department of Public Charities	14 65
82600	5- 6-16	6- 7-16	Department of Public Charities	64 23
72110	3-11-16	5-10-16	H. Gordon	49 75
			Fire Department.	
82612	4-30-16	6- 7-16	The Western Union Telegraph Co	11 50
82613	4-30-16	6- 7-16	American District Telegraph Co.	2 05
83734	6- 2-16	6-10-16	H. H. Rathyen	31 07
			Department of Health.	
81150	4-30-16 43951	6- 1-16	Richman & Samuels	$57 10
81149	4-29-16 43933	6- 1-16	Samuel E. Hunter	8 26
73689	4-26-16 43936	5-15-16	John Burns Co.	237 42
78166	1-31-16 43936	5-24-16	John Burns Co.	31 77
78166	43936		John Burns Co.	31 77
79703	5- 3-16	5-26-16	Knickerbocker Ice Company	508 95
81116	4- 5-16. 4-25-16	6- 1-16	Agent & Warden of Sing Sing Prison.	40 50
71836	4- 6-16	5- 9-16	Oriental Rubber and Supply Company, Inc.	14 75
			Department of Licenses.	
82845	6- 6-16	6- 8-16	George H. Bell, Commissioner	$63 05
82117	5-16-16. 6- 2-16	6- 6-16	Theo. Moss & Co.	5 34
82121	5-15-16	6- 6-16	Royal Ribbon and Carbon Co	8 00
82118	5-11-16. 5-25-16	6- 6-16	B. B. Neal Hardware Co.	14 58
82122	5-18-16	6- 6-16	Neostyle Co.	11 50
82123	5-26-16	6- 6-16	Yawman & Erbe Mfg. Co.	19 50
82124			Eureka Towel and Apron Supply	5 00
82125			F. Madlener Mfg. Co.	12 20
82120	5-15-16	6- 6-16	Jacob P. Guth	7 00
			Law Department.	
81069	5-17-16	6- 1-16	M. B. Brown Printing & Binding Co.	$57 50
81071	5-18-16	6- 1-16	B. Lang & Co.	54 60
			Miscellaneous.	
83082			Mary A. Lacy	$1 00
83081			Eugene Sullivan	19 92
83083			Mary C. Craig Ancillary, Executrix of the Estate of Emma Arndt, Deceased.	233 32
83295		6- 9-16	Title Guarantee and Trust Company or Arthur P. Hilton, Atty	990 56
83068		6- 8-16	Nellie J. Reid	199 83
83065		6- 8-16	Richard E. Purcell or Collector of Assessments and Arrears	548 00
83067		6- 8-16	Narcorth Realty Company	102 73
83066		6- 8-16	Sophia Spohr and Augusta Spohr, as Executrices of the Last Will and Testament of Ludwig Spohr, Deceased	64 71
82444			P. B. Jennings	10 00
			The Mayoralty.	
82686	4-30-16	6- 7-16	The Western Union Telegraph Co	$18 02
82687			United Electric Service Co.	2 15
			Public Administrator, Bronx County.	
82851	6- 6-16	6- 8-16	Ernest E. L. Hammer	$2 59
			Bronx Parkway Commission.	
82702		6- 8-16	Anthony Laura	$1,861 20
82703		6- 8-16	John Resser	661 08
82704			Kate Hopkins	32,540 32
83500		6- 9-16	John O'Neill and Catherine L. O'Neill.	5,231 87
82697			Donato Nannariello & Vincenza Nannariello	15,883 74
82698			Henry Scheer	421 05
82695		6- 8-16	Salvatore Vallario & Maria N. Vallario	6,146 05
82705		6- 8-16	Church of Our Lady of Mount Carmel	16,819 27
82696		6- 8-16	John H. Harmon	14,551 63
82698		6- 8-16	Henry C. Scheer	421 05
82699		6- 8-16	John Rescorl	142 38
82700		6- 8-16	William V. Horton	101 70
82701		6- 8-16	Cleveland De Vere Manville	1,665 92
			Department of Parks.	
82191	4-29-16	6- 6-16	M. B. Brown Printing & Binding Co.	$7 20
82135	5- 1-16. 5- 8-16	6- 6-16	A. P. Dienst Co., Inc.	23 74
82211	5- 1-16	6- 6-16	Grochola & Kuskowski	26 50
82210	3-25-16	6- 6-16	Taylor & Winokur	3 50
82204	5-12-16	6- 6-16	John R. Carpenter Co.	4 00
82203	4-22-16	6- 6-16	Fred Adee Co.	27 45
82202	5-15-16	6- 6-16	The Long Island Hardware Co.	12 77
82200	4-29-16	6- 6-16	Coal Tar Product Co.	4 03
82197	4-21-16	6- 6-16	Charles E. Miller	6 72
82196	5- 2-16	6- 6-16	Pure Oil Co.	50 88
82193	5- 6-16	6- 6-16	F. S. Halstead & Co.	14 00
82192	5- 1-16	6- 6-16	E. I. duPont deNemours & Co.	2 90
82150	5-15-16	6- 6-16	George Haiss Mfg. Co.	7 80
82147	4-14-16. 4-22-16	6- 6-16	R. Hoe & Co.	16 11
82146	5- 5-16	6- 6-16	G. B. Raymond & Co.	11 25
82145	5-29-16	6- 6-16	Douglas Bros. Hardware Co., Inc.	9 40
82144	5-24-16	6- 6-16	Eagle Lock Co.	5 62
82143	5-20-16	6- 6-16	Standard Plumbing Supply Co.	72
82141	5-17-16	6- 6-16	Pierce, Butler & Pierce Mfg. Corp.	7 59
81473	5-22-16. 5-24-16	6- 2-16	Paul Ayres Co., Inc.	94 58
71456	4-15-16	5- 8-16	Midland Linseed Products Co.	437 43
81476	5-25-16	6- 2-16	James M. Murphy, Musical Director.	85 00
			Police Department.	
82163	5-20-16	6- 6-16	Remington Typewriter Co.	$3 05
82162	5-16-16	6- 6-16	Art Metal Construction Co.	56 40
82161	5-16-16	6- 6-16	F. R. U. Company	6 00
			President of the Borough of Manhattan.	
81673	1-31-16	6- 3-16	A. F. Brombacher & Co.	$44 90
75425	43628	5-18-16	The Barber Asphalt Paving Co.	2,042 80
			President of the Borough of The Bronx.	
81662	5- 1-16	6- 3-16	Platt & Washburn Refining Company.	$27 03
			President of the Borough of Brooklyn.	
81626	4-19-16	6- 3-16	Great Bear Spring Co.	$33 00
81627	5-15-16	6- 3-16	P. W. Taylor	7 00
81625	5-22-16	6- 3-16	W. H. James	8 39
81622	5- 4-16	6- 3-16	Roneo Company	1 34
81620	5-23-16	6- 3-16	Paul Ayres Co., Inc.	5 40
81619	5-16-16	6- 3-16	Royal Eastern Electrical Supply Co.	11 32
81639	5-16-16	6- 3-16	The J. L. Mott Iron Works	23 40
81636	5-17-16	6- 3-16	Sweeney & Gray Co.	21 00
81617	5-12-16	6- 3-16	Oriental Rubber and Supply Co., Inc.	32 74
81628	5-22-16	6- 3-16	West Publishing Co.	3 00
81611			Oriental Rubber and Supply Co., Inc.	5 00
81610	5-24-16	6- 3-16	E. Belcher Hyde	37 50
81609	5-23-16	6- 3-16	Alfred W. Hall	5 00
81607	5-22-16	6- 3-16	N. Ryan Co.	15 00
81606	5-18-16	6- 3-16	Oriental Rubber and Supply Co.	8 30
81615	3-15-16	6- 3-16	Stevenson & Marsters, Inc.	28 80
81616	4-20-16	6- 3-16	P. W. Taylor	4 50
81614			Peerless Rubber Mfg. Co.	13 00
81613	5- 1-16	6- 3-16	Colonial Garage	12 29
77677	11-30-15 41024	5-23-16	Stephen V. Duffy	1,562 07
			President of the Borough of Queens.	
82310	2-17-16. 3- 7-16	6- 6-16	Ford Motor Co.	$6 14
82312	2-12-16. 5-30-16	6- 6-16	Elmhurst Bridge Garage	5 50
82309	3- 1-16. 5- 1-16	6- 6-16	Elmhurst Bridge Garage	40 00
82298	3-30-15	6- 6-16	Ford Motor Company	1 50
82292	4- 1-16	6- 5-16	Jamaica Auto Garage	2 40
82297	3- -16	6- 6-16	Elmhurst Bridge Garage	7 65
82287	5-17-16	6- 6-16	The Long Island Hardware Co.	12 39
82286	5-26-16	6- 6-16	Nason Manufacturing Co.	3 17
			President of the Borough of Richmond.	
79070	43687	5-25-16	Joseph Johnson's Sons	$473 04
			Public Service Commission.	
79905	44608	5-27-16	D. C. Serber	$3,700 00
81730	4- 5-16	6- 3-15	Lafayette Mirror Company	24 00
81728	5-22-16	6- 3-16	The Emil Greiner Co	3 00
81720	5- 9-16	6- 3-16	Dieges & Clust	6 00
81718	5-18-16	6- 3-16	Geo. Damon & Sons	5 88
81707	4-25-16	6- 3-16	Bendiner & Schlesinger	1 85
81703	4- 5-16	6- 3-16	Union Carbide Sales Company	7 00
81715	5- 1-16	6- 3-16	Central Garage	35 92
81713	4-30-16	6- 3-16	Burns Bros. Ice Corporation	3 75
81709	2-15-16. 4-20-16	6- 3-16	William Bratter & Co	25 15
81717	4-19-16	6- 3-16	Correct Printing Co., Inc	4 30
			Department of Public Charities.	
81846	3-30-16	6- 5-16	Underwood Typewriter Co., Inc	$0 75
81831	5-11-16	6- 5-16	A. D. Granger Co	18 62
81593	5-12-16 44681	6- 3-16	Henry Frank	61 40
78355	3- 9-16. 4-29-16	5-24-16	Bloomingdale Bros.	420 25
82483	4- 6-16. 4-22-16	6- 7-16	Armour & Company	41 75
84004	3-25-16	5-16-16	The Holbrook Mfg. Co	89 52
82493			Farbwerke, Hoechst Co.	9 00
82491	4- 5-16. 4-18-16	6- 7-16	F. W. Devoe & C. T. Raynolds Co	16 20
81832	5-13-16	6- 5-16	B. Frank & Sons	25 44
81277	5- 1-16	6- 2-16	Greenpoint Taxicab Co.	42 00
			Staten Island Association of Arts and Sciences.	
81643	5-26-16	6- 3-16	Eimer & Amend	$11 30
81642	6- 1-16	6- 3-16	The Peerless Towel Supply Co	1 75
			Department of Street Cleaning.	
82965		6- 8-16	John J. O'Brien, Chief Clerk	$1 65
82964		6- 8-16	John J. O'Brien, Chief Clerk	61 40
82647	5-17-16	6- 7-16	Margaret Glynn	50 00
			Board of Water Supply.	
82401			Ulster County Savings Instituion	$600 00
82389	1-30-16	6- 6-16	The Electro Sun Blue Print Co	9 36
82390	5-19-16	6- 6-16	James Millard & Son Co	7 25
83144		6- 8-16	New York Telephone Co	5 69
82455		6- 6-16	W. F. Wood	125 00
			Department of Water Supply, Gas and Electricity.	
82322		6- 6-16	Lexington Auto Supply Co	$0 90

Finance Voucher No.	Invoice Dates or Contract Number.	Received in Department of Finance.	Name of Payee.	Amount.
82323	5-17-16	6- 6-16	Philip Braender	9 50
83085		6- 8-16	Louisa Williamson	5 25
83084		6- 8-16	Claus Block	7 00
82327	5-15-16	6- 6-16	William Nelson	5 00
82334	5-13-16	6- 6-16	F. F. Fuhrmann	2 00
82335	5-12-16	6- 6-16	Belmont Packing & Rubber Co.	77 37
82331	5- 1-16	6- 6-16	Richmond Auto Tire Repair Co.	4 85
82336	5- 6-16	6- 6-16	American Vulcanized Fibre Co.	1 50
82324	5- 2-16	6- 5-16	The Sherwin, Williams Co.	5 25
82008	4-24-16	6- 5-16	Royal Typewriter Co., Inc.	60 00

VOUCHERS RECEIVED IN DEPARTMENT OF FINANCE, MONDAY, JUNE 12, 1916.

A statement is herewith submitted of all vouchers filed in the Department of Finance on this date, in which is shown the Department of Finance voucher number, the date of the invoices or the registered number of the contract, the name of the payee and the amount of the claim. Where two or more bills are embraced in one voucher the date of the earliest is given, excepting that when such vouchers are submitted under a contract the registered number of the contract is shown instead.

WILLIAM A. PRENDERGAST, Comptroller.

Finance Voucher No.	Invoice Date or Contract Number.	Name of Payee.	Amount.
		Commissioners of Accounts.	
84329		Alexander J. Brezin	$157 51
		Surrogate's Court, Bronx County.	
84550		Daniel J. Carr	13 00
84552	5-27-16	The General Fireproof Co.	18 60
84553	6- 2-16	Sayles Electric Co.	6 00
84554	5-31-16	Fred M. Schildwachter Inc.	2 25
84555		Nickel Towel Supply Co.	2 77
84557	6- 7-16	J. Schapiro	3 00
		Court of Special Sessions.	
84376	4-30-16	N. Y. Tel Co.	7 88
84369	5-31-16	Knickerbocker Towel Co.	12 00
84370	5- 1-16	Elder & Wells	3 00
84371	5- 1-16	Great Bear Spring Co.	1 80
84372	6- 7-16	Mrs. M. J. Rorke	7 01
84373	5-31-16	Nickel Towel Supply	1 00
84374	5-16-16	Underwood Typewriter Co.	63 03
84375	5-29-16	James T. Boyle & Co.	2 00
		Supreme Courts.	
84352	6-10-16	The Banks Law Pub. Co.	267 60
		County Clerk, Bronx County.	
84549	4-30-16	N. Y. Telephone Co.	18 56
84576		Van Dorn Iron Works Co.	447 20
84577	5-31-16	Nickel Towel Supply	2 01
84578	5-31-16	Berkshire Products Co.	5 70
84579		Fred M. Schildwachter	5 20
		Department of Correction.	
84494	6- 1-16	Erie R. R. Co., H. J. Pershall, agent	13 23
84495	5-29-16	Department of Correction.	12 00
84496	3-31-16	James McVeigh, agent Erie R. R. Co.	85 00
84447		Frank W. Fox	14 55
84448		John J. Hanley	5 23
84449		N. Y. Tel. Co.	70 85
84450		Frank W. Fox	3 76
84451		Peter A. Mallon	22 85
84468	5-29-16	J. S. Woodhouse Co.	34 53
54469	5- 5-16	Jas S. Barron Co.	163 40
84470	5- 3-16	Hull, Grippen & Co.	1 35
84471		Hull, Grippen & Co.	9 00
84472	5-26-16	Heywood Bros. & Wakefield Co.	21 60
84473	5-12-16	E. F. Keating Co.	63 51
84474	6- 3-16	E. F. Keating Co.	18 52
84475	5-31-16	Montgomery & Co.	53
84476	5-29-16	Nason Mfg. Co.	8 40
84477	5- 8-16	Candee, Smith & Howland Co.	57 50
84478	6- 1-16	E. F. Keating Co.	11 25
84479	5-15-16	De La Vergne Machine Co.	9 38
84480	5-26-16	Stanley & Patterson	2 70
84481	5-23-16	The Smith Worthington Co.	5 20
84482	5-27-16	The H. B. Smith Co.	6 40
84483	5-31-16	Duparquet, Huot & Moneuse Co.	3 30
84484	5-27-16	William Dauphin	18 00
84485	5-23-16	Wm. Langbein & Bros.	75
84486	5-15-16	The Fairbanks Co.	16 00
84487	5-23-16	Remington Typewriter Co.	14 00
84488	4-30-16	M. Reidy	6 90
84489	5-31-16	Keane & Ryan	60 00
84490	5-31-16	C. J. Chapman	8 00
84491	5-29-16	The N. Y. Multi-color Copying Co.	1 26
84492	5-31-16	The Tabulating Machine Co.	58 00
84493	5-30-16	C. H. Zimmermann	12 00
84455	5-18-16	C. H. F. Jurgens	107 28
84456		Cypers Incubator Co.	31 97
84457	5- 4-16	Jas. A. Miller	111 14
84458	5- 8-16	Knickerbocker Supply Co.	60 00
84459	5-19-16	Peter Henderson & Co.	35 15
84460	5-24-16	The H. & D. Folsom Arms Co.	8 52
84461	4-23-16	Hull, Grippen & Co.	5 40
84462	5- 5-16	Dept. of Correction Mfg. Industry	91 25
84463	5-16-16	Jas. S. Barron & Co.	222 00
84464	6- 6-16	Dept. of Correction Mfg. Industry	24 00
84465	5-24-16	The H. & D. Folsom Arms Co.	76 50
84466	5- 3-16	Hull, Grippen & Co.	2 20
84467	5-27-16	Montgomery & Co.	10 80
		District Attorney, New York County.	
84349		Edward Cooper	7 00
84350		Allen C. Landvoe	7 50
84342		Geo. Haerle	27 00
84343	5-24-16	Benj. H. Tyrrel	214 36
84344	6- 6-16	Frank Tourist Co.	43 20
84345		Edward Swann	344 17
84346		Economy Clean Towel Supply Co.	10 50
84347		Frank M. Gallagher	24 95
84348		Jas. O'Malley	25 65
		Department of Education.	
84238	1-26-16	The Tabulating Machine Co.	$662 06
84239	3-29-16	A. J. Maguire	8 00
84240	3-29-16	Jas. F. McManus	5 60
84241	3-31-16	Wm. Sussman	23 00
84242	2- 1-16	Rufus J. Suits	17 00
84243		Thos. F. O'Neill	26 25
84244	5- 8-16	F. J. Canning	3 50
84245	2-16-16	A. J. Maguire	9 75
84225	1-28-16	Victonia Awning Co.	418 11
84226	2-28-16	Thos. Garnar & Co.	14 55
84227	3- 4-16	Bruce & Cook	74 96
84228	3- 1-16	Rapid Photo Engraving Co., Inc.	6 46
84229	2-28-16	Wm. Zinsser & Co., Inc.	1 38
84230	2-26-16	Bade Bros.	15 50
84231	3- 1-16	Wm. Zinsser & Co., Inc.	13 30
84232	3- 2-16	Manhattan Elec. Supply Co.	6 05
84233	3-13-16	Henry P. Davison	48 50
84234		Chas. Lanier	62 50
84235	3-11-16	Thos. Garnar & Co.	7 50
84236	2- 7-16	McElraevy & Hauck Co.	4 10
84237	3- 2-16	Hammacher, Schlemmer & Co.	2 58
84275	4- 5-16	A. D. Evertsen Co.	39 80
84276	3-22-16	Louis Guerr	47 84
84277	4- 3-16	Kroepke Plumbing & Heating Co.	70 42
84278	3-21-16	B. E. Gfroerer	19 98
84279	2-14-16	Herrman & Grace Co.	46 23
84280	3-17-16	Felix Menz	13 80
84281	3-24-16	McKeon & Mackenzie	43 96
84282	3-22-16	Edward E. Stapleton	10 39
84283	1-30-16	Edward Sullivan	10 62
84284	2-25-16	J. Friedman	20 35
84285	1-11-16	General Electric Co.	122 06
84286	2-14-16	E. J. Stanley	42 00
84287	2-29-16	Gustave Killenberg	21 24
84273	5- 4-16	J. L. Fries	55 00
84274	5-15-16	J. L. Fries	65 00
84258	2- 4-16	The Manhattan Supply Co.	171 60
84259	3-31-16	Paul Baron	3 00
84260	2-15-16	The Tabulating Machine Co.	93 65
84261	3-30-16	J. & T. Adikes	12 00
84246	3-28-16	B. E. Gfroerer	10 75
84247	4- 8-16	Jas. I. Newman	75 00
84248	4- 6-16	John Gelshion	67 00
84249	4-18-16	Frank Kiebitz	23 00
84250		Gus H. Reichold	42 00
84251	4-10-16	Edward E. Stapleton	21 00
84252	4-10-16	Edward E. Stapleton	33 00
84253	4-17-16	Fred Kelin	74 00
84254	3-25-16	Max Jackel	2 50
84255	1-20-16	Harlem Roofing & Contr. Co.	63 00
84256	1-23-16	Morris Levi & Co.	65 75
84257		C. J. Doherty	12 50
84262	11-10-15	Fredk. Pearce Co.	1 04
84263	2-11-16	The Kny & Scheerer Co.	1 25
84264	12- 9-15	Bloomingdale Bros.	50
84265	2-15-16	Scientific Equipment Co.	2 20
84266	3- 8-16	Montgomery & Co.	78
84267	11-19-15	Fredk. Pearce Co.	2 08
84268	12-31-15	Woldenberg & Schaar	39 50
84269	2-15-16	L. E. Knott Apparatus Co.	40 21
84270	1-22-16	C. H. Stoelting Co.	8 98
84271	1-31-16	Holmes Electric Protective Co.	81 31
84272	1-28-16	W. J. Brennan	159 67
84288	4-21-16	W. R. Ostrander & Co.	10 50
84289	3-23-16	T. F. Long	124 00
84290	2-18-16	H. Pfund	663 00
84291	1- 1-16	W. G. Hawthorne	20 00
84292	3-22-16	Hyman Bros.	48 50
94293	1- 9-16	M. Inkelas, Inc.	123 00
84294	3- 1-16	M. Inkelas, Inc.	190 00
84295	3- 5-16	Philip Mittelman	36 00
94296	11-24-15	The Aeolian Co.	620 00
94297	3-30-16	H. Hanig	61 65
84298	11-15-15	J. & C. Fisher	700 00
84299	11-13-15	John Wanamaker	26 33
84300	2-17-16	Patrick Murphy, Inc.	56 00
84301	1-15-16	N. A. Etter Co.	126 50
84302	4-25-16	John A. Scollay	8 00
84303	9- 2-15	Godfrey, Keeler Co.	19 00
84304	3-24-15	T. Fredk. Jackson, Inc.	99 00
84305	10- 1-15	Jos. A. Graf	43 50
84306	3-13-16	Johnson Service Co.	390 00
84307	6- 6-16	Hardman, Peck & Co.	650 00
84508	10- 2-15	C. Frank Boughton	3 20
84309	3- 9-16	Rufus J. Suits	3 00
84310	12-17-15	A. J. Maguire	10 10
84311	12-28-15	The Crowell Pub. Co.	500 00
84312	4- 4-16	C. M. O'Connor	20 00
84313	3-29-16	Henry Pearl & Sons Co.	49 40
84314	3-28-16	Lignum Carpenter Works.	114 00
84315	3-27-16	John H. Laws	65 00
84316	3-20-16	John F. Ferguson	16 00
84317	4- 3-16	J. D. Gordon	27 00
84318	3-28-16	Fischer Bros.	14 25
84319		Stephen F. Bayne	3 34
84320	2-18-16	H. Gold	9 95
84321	2-16-16	Little, Brown & Co.	3 60
84322	2-28-16	F. C. Stechert Co.	3 55
84323	3- 3-16	Jas. Butler, Inc.	2 75
84324	3-31-16	Isidor Frank	21 54
84325	1-21-16	Isidor Frank	8 05
84326	2-10-16	Jas. Butler, Inc.	7 60
84327	2-26-16	J. & T. Adikes	6 00
84328	2-12-16	J. & T. Adikes	10 50
		Department of Licenses.	
84389	5-31-16	Samuel Solomon	$14 66
84390	3-31-16	N. Stafford Co.	48 00
84391	5-15-16	Easpario Mario	3 60
94392		The Initial Towel Sup. Co.	3 00
84393	6- 1-16	John Ferretti	8 75
84386		The Roberts Numbering Machine Co.	75
84387		Eagle Garage	2 32
84388		Geo. A. Bell	134 00
		Law Department.	
84497		Lamar Hardy	500 00
84595	5-26-16	Harry S. Van Demark	11 50
84596		Adeline Sessions	11 00
84697	5-15-16	John Standfast	73 00
84598	5-17-16	Wm. P. Cherry	18 10
84599	5-20-16	Abraham Spinard	5 70
84600	3-14-16	Arnold J. Wisch	7 80
84601	3-14-16	John I. Cotter	20 00
84602	6- 2-16	Harry W. Wood	22 50
84603		Lucius N. How	4 25
84604		United Electric Service Co.	10 75
84605		Edward J. McGoldrich	466 22
84606		Geo. W. Perry	10 00
		Miscellaneous.	
84355	6- 1-16	Henry F. A. Wolf Co.	1,100 17
84356	6- 2-16	Wm. C. Wolf, as general guardian	82 01
84357	6- 5-16	Anna C. Asher, or Collector of Assessments and Arrears	120 00
84358	6- 5-16	T. Edwin Ward, as executor of Althea Rudd Ward, deceased	1,136 45
84359	6- 1-16	Arthur Josephson	34 19
84360	6- 2-16	Mary Kraftmeyer	30 01
84394		Brooklyn Athenaeum and Reading Room	2,375 00
84395		Henry Lieb	75 00
84396		Mrs. Anna C. Becker	50 00
84397		Florence Miller Lantry et al.	135 00
84398		Thomas K. Davis	60 00
84399		Weinbros Real Est. Co.	249 75
		The Mayoralty.	
84589		Joseph Hartigan	56 30
		Brooklyn Public Library.	
84433		Brooklyn Public Library.	13,367 91
		Department of Parks, Borough of Queens.	
84351	44107	J. & T. Adikes	347 72
		Department of Plant and Structures.	
84377	5-25-16	Line-A-Time Mfg. Co., Inc.	15 00
84378	3-11-16	The East River Mill & Lumber Co.	452 26
84379	5-29-16	Geo. N. Joyce	3 50
84380	6- 1-16	The Harlem Stables Co., Inc.	110 00
84381	5-31-16	Wm. Murphy	18 00
84382	5- 2-16	Milliken Bros., Inc.	525 56
84383	6- 6-16	Gulian Ross	540 89
84384	6- 1-16	John F. Schmadeke, Inc.	89 00
84385	5-31-16	John J. Kelly	38 05
		President of the Borough of Manhattan.	
84519	6- 1-16	Buick Motor Co.	5 15
83420	5-31-16	George F. Erfort et al.	46 85
84521	5-26-16	Benj. Korenblum et al.	56 05
84522	5-31-16	Rubin Fisher	269 10
84523		Wm. A. Prendergast, as Comptroller	1,681 25
		President of the Borough of The Bronx.	
84219	42714	W. H. Callahan Cont. Co.	61 50
84220	44404	S. Amanna & Sullivan	2,428 45
84221	43269	Sam'l S. Davis	8,509 69
84222	44555	Warner, Quinlan Asphalt Co.	9,284 15
84223	43966	Standard Oil Co. of N. Y.	392 10
84224	43233	Fred Schneider	1,609 24
		President of the Borough of Brooklyn.	
84590	44345	N. Y. Tel. Co.	448 56
84591	43097	Brooklyn Alcatraz Asphalt Co.	1,677 34
84592	44651	The Sicilian Asp. Paving Co.	2,530 04
84593	44605	Murphy Bros.	489 50
85494	44574	E. Ghelardi Cont. Co.	724 78
		President of the Borough of Queens.	
84571	5-31-16	Jamaica Auto Garage	20 00
84572		The L. I. R. R. Co.	297 90
84573	5-31-16	The Tabulating Machine Co.	69 00
84574	4-30-16	Crescent Garage	26 20
84575	5-20-16	W. J. Scanlan Co.	118 02
84558	5-25-16	Edw. E. Buhler Co.	190 27
84559	5-23-16	Eimer & Amend	6 41
84560	5-26-16	The L. I. Hardware Co.	5 60
84561	3-28-16	A. Pearsons' Sons	58 50
84562	6- 2-16	The Flushing Bicycle Exchange	4 50
84563	4-29-16	Manhattan Electrical Supply Co.	2 00
84564	2-17-16	Manhattan Electrical Supply Co.	6 83
84565	5-15-16	Edw. E. Buhler Co.	42 50
84566	5-25-16	Edw. E. Buhler Co.	68 30
84567	5-17-16	United Welding & Mfg. Co.	2 00
84568	5- 1-16	Jos. Ward	80 00

Finance Voucher No.	Invoice Date or Contract Number.	Name of Payee.	Amount.
84569		Frank Fredericks	80 00
84570	5-22-16	Samuel Traugott	16 78
		President of the Borough of Richmond.	
84551	43655	Cornelius Vanderbilt	176 30
		Public Service Commission.	
84452		M. J. Farrell	$125 15
84453		Thos. D. Hoxsey	69 32
84454		John H. Myers	78 79
84498	5- 8-16	Adams Express Co	16 77
84499		American Dist. Tel. Co	4 75
84500		The Brooklyn Union Gas Co.	6 23
84501	5-15-16	Josephine Collins	50 00
84502	4-15-16	Ellen Maloney	55 00
84503	1-31-16	N. Y. Telephone Co	616 48
84504	5-17-16	Montrose Realty Co	20 00
84505	5-20-16	Anna R. Morris	90 00
84506	4-13-16	The N. Y. Central R. R. Co.	231 58
84507		Ellen A. O'Connell	150 00
84508		Postal Telegraph Cable Co..	1 88
84509	4- 1-16	The Rapid Safety Filter Co. of N. Y.	10 50
84510	5-15-16	Riker & Hegeman Co	112 34
84511	5- 9-16	South Brooklyn Savings & Loan Assn.	50 00
84512		N. Y. Telephone Co	2 50
84513		N. Y. Telephone Co	79 80
84514		Louis D. Fouquet	89 59
84515		Jos. Johnson	424 83
84516		George L. Lucas	725 49
84517		J. O. Shipman	42 53
84518		The Long Island R. R. Co..	56,959 98
84524	4- 6-16	Addressograph	2 72
84525	3-31-16	Argus Press Clipping Bureau	20 00
84526	4-25-16	Baron Ptg. Co	17 50
84527	5- 5-16	Wm. Bratter & Co	48 20
84528	5-17-16	M. B. Brown P. & B. Co	49 63
84529	5-23-16	Conwell Graphic Co., Inc..	429 00
84531	5-18-16	I. & S. Glick	12 70
84530	5- 2-16	The General Fireproofing Co.	123 12
84532	5- 7-16	The Grand Plumbing Co	2 50
84533	3-20-16	McGraw Pub. Co., Inc	3 00
84534	4-10-16	National Process Co., Inc	1,689 70
84535	5- 1-16	N. Y. Blue Print Paper Co.	1,820 81
84536	4-12-16	P. Keefe, Bannin Co., Inc..	13 25
84537	4-14-16	R. L. Polk & Co., Inc	12 00
84538	3-25-16	Power	2 00
84539	4- 4-16	Powers Photo Engraving Co.	3 71
84540	5- 1-16	The Peerless Blue Print Co.	50 84
84541	4-19-16	The J. W. Pratt Co	71 96
84542	4-19-16	W. M. Pringle & Co., Inc..	56 72
84543	4- 4-16	Agent and Warden, Auburn Prison	906 20
84544	4-10-16	Tower Bros. Staty. Co	259 45
84545	4-30-16	Wadsworth Garage, Inc	82 48
84546	4-19-16	Wilkinson Bros. & Co	64 47
84547	4- 6-16	The Will & Baumer Co	202 50
84548	4-16-16	Chas. G. Willoughby	304 07
		Tenement House Department.	
84341		John J. Murphy	$450 95
		Board of Water Supply.	
84353	37383	Michael Staub	$10,086 78
84354	39597	A. L. Guidone & Co	11,318 52
		Department of Water Supply, Gas and Electricity.	
84429		Bureau of Highways	$500 00
84430	4-29-16	Morgan Cont. & Repair Co.	117 00
84431	4-29-16	Atlantic Basin Iron Works.	17 14
84432	5-26-16	E. C. Bridgman	5 50
84443		Henry E. Sholl	33 75
84444		Frank E. Hale	34 56
84445		Jos. Dougherty	71 69
84446		Chas. O. Davis	7 84
84434	44278	Pattison & Bowns	20,589 71
84435	44640	H. Z. Graves Co	1 90
84436	44639	T. C. Dunham, Inc	9 78
		T. C. Dunham, Inc	11 75
84437	43920	The N. Y. Edison Co	1,886 65
84438	43591	Victory Cont. Co	3,912 03
84439	43115	Soraci Cont. Co	5,000 00
		Soraci Cont. Co	5,724 28
84440	39727	Geo. Stanton	1,148 50
84441	44642	D. B. Pershall & Son	7 57
		D. B. Pershall & Son	3 79
84442	40974	Thos. E. O'Brien, Inc	28 55
84400	3-26-16	Pattison & Bowns	529 01
84401	5-17-16	John Wanamaker	2 25
84402	5-11-16	S. D. Woodruff & Sons	7 50
84403	5-29-16	Eimer & Amend	4 46
84404	5-23-16	Remington Typewriter Co..	3 15
84405	5-12-16	Remington Typewriter Co..	51 95
84406	5-18-16	Watson Mfg. Co	372 40
84407	12-31-15	Shaw, Walker Co. of N. Y..	19 50
84408	5-24-16	A. F. Brombacher & Co	3 50
84409	5-12-16	Lowe Motor Supplies Co	1 30
84410	5-22-16	United Lead Co., Tatham & Bros. Works	77 85
84411	5-22-16	H. Mueller Mfg. Co	76 50
84412	5-24-16	John Fox & Co	298 80
84413	5-16-16	John Fox & Co	92 81
84414	5- 3-16	John Fox & Co	46 02
84415	5-23-16	Rensselaer Valve Co	79 50
84416	5-31-16	J. H. Martin	9 80
84417	5-17-16	P. W. Vallely, Inc	6 60
84418	6- 1-16	W. D. Smalley	5 70
84419		City of Yonkers, Bureau of Water	14 78
84420		City of Yonkers, Bureau of Water	15 45
84421		City of Yonkers, Bureau of Water	13 81
84422	4- 1-16	Monogram Garage	4 50
84423		Mrs. Elmira Reed	2 07
84424	5-17-16	Pratt & Cady Co., Inc	647 50
84425		Bureau of Highway	598 65
84426	5- 1-16	Henry R. Worthington	9 35
84427	4-10-16	Neptune Meter Co	2 90
84428	4-27-16	General Electric Co	32 17

MUNICIPAL CIVIL SERVICE COMMISSION.

Minutes of Meeting of the Municipal Civil Service Commission of New York, Held Wednesday, May 10, 1916, at 10:30 o'Clock A. M.

Present: Dr. Henry Moskowitz, President; Darwin R. James, Jr., Commissioner. The President presided.

A public hearing was had on the proposed amendment of the classification by including in the Exempt Class the following: "City Magistrates' Courts—Interpreter (Chinese)." Harry W. Marsh, Assistant Secretary of the Civil Service Reform Association, addressed the Commission in the matter. There were no other appearances and the Chair declared the hearing closed.

A public hearing was had on the proposed amendment of the Classification by striking from the Non-Competitive Class, under the heading, "Positions in the Board of Inebriety at compensations not exceeding the amounts set forth below (with maintenance)," the following: "Farmer and Caretaker, $720 per annum." There were no appearances.

The Commission then went into regular session and the minutes of the meetings held April 24, 26, 28 and May 1 were approved.

On motion, the following resolutions were adopted:

Resolved, That the Municipal Civil Service Classification be and the same hereby is amended by including in the exempt class the following: "City Magistrates' Courts —Interpreter (Chinese)."

Resolved, That the following resolution adopted by the Commission at its meeting of April 12, 1916, be and the same hereby is rescinded:

"Resolved, That the classification of positions in the Non-Competitive Class, under the heading, 'Positions in the Board of Inebriety at compensations not exceeding the amounts set forth below (with maintenance),' be and the same hereby is amended by changing the line, 'Farmer and Caretaker, $720 per annum,' to read, 'Farmer and Caretaker, $900 per annum.'"

Resolved, That the Municipal Civil Service Classification be and the same hereby is amended by striking from the Non-Competitive Class, under the heading, "Positions in the Board of Inebriety, at compensations not exceeding the amounts set forth below (with maintenance)," the following: "Farmer and Caretaker, $720 per annum."

Robert H. Whitten, Secretary to the Committee on City Plan, Board of Estimate and Apportionment, appeared in connection with the request of the Committee on City Plan for authority to employ John P. Fox as Transit Expert for an additional 55 days at $10 a day and George B. Ford as Consultant on City Planning for an additional period of one year at a compensation of $5,000. On motion, the following resolutions were adopted:

Resolved, That, subject to the approval of the Mayor and the State Civil Service Commission, George B. Ford, 404 W. 115th st., Manhattan, be and he hereby is excepted from examination, pursuant to the provisions of Clause 6a of Civil Service Rule XII, to be employed as consultant on city planning by the Committee on City Plan of the Board of Estimate and Apportionment, from time to time during the year beginning May 16, 1916, at a compensation not to exceed $5,000.

Resolved, That, under authority of Clause 6a of Rule XII of the Rules of the Municipal Civil Service Commission, John P. Fox be and he hereby is excepted from examination, to be employed as Transit Expert by the Committee on City Plan of the Board of Estimate and Apportionment for a period of fifty-five days at $10 a day.

Resolved, That the Secretary and the Acting Chief Examiner be and they hereby are appointed a committee to consider and report to the Commission on the question as to what positions, hitherto filled under the provisions of Clause 6 of Rule XII where the individual is to act as Consulting Engineer or Architect, might be put in the Competitive Class where the examination consists simply of a thesis and a paper on experience, and said committee is hereby directed to confer with the Civil Service Reform Association in the matter.

The following resolutions were adopted after a hearing of each of the candidates named therein:

Resolved, That the following names be and the same hereby are removed from the eligible list of Sweeper under the provisions of Clause 14 of Rule VII (physical disability): Max Fisher, 230 McKibben st., Brooklyn; William A. Frank, 273 Jerome st., Brooklyn; Jacob Eisman, 23 Meserole st., Brooklyn; Gipolit Jecewitjz, 144 N. Eighth st., Brooklyn; John J. Mulligan, 167 Ross st., Brooklyn.

Resolved, That the name of Charles E. Finnegan, 636 Third ave., Manhattan, be and the same hereby is removed from the eligible list of Inspector of Licenses under the provisions of Clause 14 of Rule VII.

Resolved, That the application for the position of Coal Passer of Antonio Dalluso, 285 York ave., New Brighton, S. I., whose name appears upon the disqualified list, be and the same hereby is accepted, his name, however, to remain upon said disqualified list for all other positions in the City Service.

Resolved, That the name of Charles H. Miller, 2145 Houghton ave., Bronx, be and the same hereby is removed from the list of persons disqualified for employment in the City Service.

Charles Pines, 54 E. 3rd st., Manhattan, appeared, as directed, in connection with his employment as Assistant Physician, Clinic, in the Department of Health under the provisions of Clause 3 of Rule XII. The matter was referred to the Examiner in Charge of the Bureau of Investigation.

Anthony de Piano, 54 Withers st., Brooklyn, a candidate for the position of Climber and Pruner, failed to appear, as directed, and the Secretary was instructed to continue the disqualification appearing against the candidate on the eligible list.

John Butler, 142 Schenectady ave., Brooklyn, a candidate on the eligible list of Sweeper, failed to appear, as directed. On motion, it was

Resolved, That the name of John Butler, 142 Schenectady ave., Brooklyn, be and the same hereby is removed from the eligible list of Sweeper under the provisions of Clause 14 of Rule VII. (Physical disability).

William Harris, 206 Floyd st., Brooklyn, and Max Greenberg, 684 Metropolitan ave., Brooklyn, candidates on the eligible list of Sweeper, appeared, as directed, to show cause why their names should not be removed from the eligible list on account of physical disability. The Secretary was instructed to arrange a medical re-examination of the candidates.

Allen Rich, 57 W. 135th st., Manhattan, a candidate on the eligible list of Driver, Department of Street Cleaning, appeared, as directed, to show cause why his name should not be removed from the eligible list of Driver, Department of Street Cleaning, on account of physical disability. In this connection the Commission considered a memorandum from the Application Clerk, dated May 4, to the effect that the candidate had failed to appear for the medical re-examination ordered for him. On motion, it was

Resolved, That the name of Allen Rich, 57 W. 135th st., Manhattan, be and the same hereby is removed from the eligible list of Driver, Department of Street Cleaning, under the provisions of Clause 14 of Rule VII. (Physical disability).

The Commission approved the action of the Secretary in summoning Patrick H. Leyden, Joseph J. Victory, Alexander Wilson and Joseph S. Gunn before the Commission upon the recommendation of the Examiner in Charge of the Bureau of Investigation in a report dated May 8 relative to candidates 1 to 26, inclusive, on the eligible list of Asphalt Worker. The Secretary was instructed to mark all the other candidates named in said report "Qualified." Messrs. Wilson and Gunn failed to appear, as directed, and the Secretary was instructed to summon them to appear at the next regular meeting of the Commission. The two other candidates summoned appeared and, on motion, it was

Resolved, That the disqualification appearing against the following-named candidates on the eligible list of Asphalt Worker be and the same hereby is removed: Patrick H. Leyden, 48 Fourth st., Brooklyn; Joseph J. Victory, 385 Third st., Brooklyn.

Marcellus Wolsch, 141 Twentieth st., Brooklyn, a candidate on the eligible list of Climber and Pruner, appeared, as directed. In this connection the Commission considered a report dated May 1 from the Examiner in Charge of the Bureau of Investigation relative to the said candidate and Thomas H. Fitzgerald. The Secretary was instructed to mark Thomas H. Fitzgerald "Qualified" on the eligible list of Climber and Pruner and, on motion, it was

Resolved, That the disqualification appearing against the name of Marcellus Wolsch on the eligible list of Climber and Pruner be and the same hereby is removed.

Samuel Bolitho, an Instructor of Industry in the Department of Correction, serving under Clause 3 of Rule XII., failed to appear, as directed. It appearing that the candidate's services had terminated, the papers were ordered filed.

John F. Moskie, 98 Nineteenth st., Brooklyn, a candidate on the eligible list of Climber and Pruner, failed to appear, as directed, and the Secretary was instructed to continue the disqualification appearing against his name on the eligible list.

Commissioner Keogh then appeared.

The Commission then considered the case of Edward A. Bonns, which had been laid over at a previous meeting. On motion, it was

Resolved, That certification of the name of Edward A. Bonns, 150 E. 116th st., Manhattan, to the Department of Licenses from the eligible list of Inspector of Licenses be and the same hereby is rescinded and his name be and the same hereby is removed from the eligible list of Inspector of Licenses under the provisions of Clause 14 of Rule VII. and placed upon the list of persons disqualified for employment in the City Service.

The Commission then took up the case of Daniel V. Mullen, 826 E. 14th st., Brooklyn, which had been considered at a previous meeting. On motion, it was

Resolved, That the disqualification appearing against the name of Daniel V. Mullen, 826 E. 14th st., Brooklyn, on the eligible list of Climber and Pruner, be and the same hereby is removed.

The Commission then took up the case of George A. Burden, 452 Lockwood st., Astoria, L. I., a candidate on the eligible list of Probation Officer, considered at its meeting of July 21, 1915. In this connection the Secretary presented a letter from the candidate dated April 26. On motion, it was

Resolved, That the name of George A. Burden, 452 Lockwood st., Astoria, L. I., be and the same hereby is removed from the eligible list of Probation Officer under the provisions of Clause 14 of Rule VII. and placed upon the list of persons disqualified for employment in the City Service.

On motion it was

Resolved, That the appointment of Lorenz Reich, Jr., as Civil Service Examiner at $2,100 per annum in the office of the Commission, from the eligible list for that position, on March 10, 1916, be and the same hereby is approved.

Resolved, That the salaries of the following named Clerks in the office of the Commission be and the same hereby are fixed at the amounts specified, effective May 1, 1916: Edward F. Looney, $900 per annum; Otto Bochat, $480 per annum; John J. Horan, $420 per annum.

Upon the recommendation of the Committee on Transfers, the following transfers were approved:

From Attending Physician at $600 per annum, to Assistant Physician (Clinic), at $600 per annum, Department of Health, to conform to the Budget effective May 1: Martin J. Sgier, Charles D. Bless, Thomas G. Davis, Arthur J. Huey, William J. Pulley, William Lamberson, Joseph Leo, Walter A. McLaren, Arthur S. Driscoll, John J. Wagner, Joseph P. Deevy, Bernard Kohn, Edward L. Creedan, John G. McCarthy, George Hatzel, Arthur L. Carroll, Charles B. Cortright, Richard M. Mills, Henry J. Kohlman and Luther B. Mackenzie.

Edwin J. Cooley from Inspector of Sewer Construction at $4 a day, to Inspector of Sewers and Basins at $1,200 per annum, office of the President, Borough of Brooklyn, May 1; Sam Oberhardt, from Harnessmaker at $4 a day, to Laborer at $2.50 a day, Department of Street Cleaning, he having consented in writing to such demotion; George F. Felter and James Daly, Laborers, from Department of Docks and Ferries to Department of Parks, Brooklyn; Peter S. Garaventa, Laborer, from Department of Parks, Queens, to Department of Parks, Brooklyn; Michael Higgins and Samuel T. Brown, from Climber and Pruner to Laborer, Department of Parks, Brooklyn; Thomas R. Malone, Clerk at $300 per annum, from the College of The City of New York to the Board of Estimate and Apportionment; James J. Smith, Laborer, from Department of Docks and Ferries to the office of the President, Borough of Brooklyn; Lawrence J. Hanley, Clerk, from Board of Water Supply, at $1,799 per annum, to Department of Licenses at $1,200 per annum; Howard B. Elliott, from Examiner at $2,400 per annum, Board of Estimate and Apportionment, to Auditor, at $3,000 per annum, Department of Health; Goodley Chrystal, Electrician, at $1.200 per annum, from Department of Public Charities to Bellevue and Allied Hospitals; John McCormack, Electrician, at $1,200 per annum, from Bellevue and Allied Hospitals to Department of Public Charities; George C. J. Muhlmeyer, from Stationary Engineer at $4.50 a day, to General Plant Operator at $1,320 per annum, in Bellevue and Allied Hospitals, to conform to the budget; William Mahady, Laborer, from Fire Department to the office of the President, Borough of Brooklyn; Joseph P. Brady, Clerk, from Municipal Civil Service Commission at $600 per annum to Department of Parks, Brooklyn, at $780 per annum. From Laborer to Auto Truck Driver, Department of Water Supply, Gas and Electricity, they having qualified in the necessary practical test: Martin J. Noone, Rocco Agoglia, John F. Yates, John Dunlay, Francis J. Quinn, William W. Dwyer, John A. Carney. James E. Coleman, Clerk, from the office of the President, Borough of Brooklyn, at $420 per annum, to Department of Finance at $540 per annum; James V. Hickey, Clerk, at $300 per annum, from Department of Health to the office of the President, Borough of Manhattan; William H. Gavin, from Paver, at $5 a day, to Laborer, at $600 per annum, office of the President, Borough of Manhattan, he having consented in writing to such demotion; Frank Pasta, Clerk, from the Bureau of Standards, Board of Estimate and Apportionment, at $600 per annum, to Department of Licenses at $840 per annum.

Upon the recommendation of the Committee on Transfers, the following transfers were disapproved:

Michele Addonizio, from Driver to Laborer, for assignment in the Borough of The Bronx, Department of Street Cleaning, a Preferred List of Laborer existing for the Borough of The Bronx; Daniel Carver, Foreman, at $4 a day, from the office of the President, Borough of The Bronx, to the Bureau of Highways, office of the President, Borough of Manhattan, a promotion list existing for the position for the Bureau of Highways, office of the President, Borough of Manhattan.

Upon the recommendation of the Committee on Reinstatements, the Commission approved the reinstatement of Richard D. Fitzgerald, Laborer, in the office of the President, Borough of The Bronx, under the provisions of Section 1543-b of the Charter.

Upon the recommendation of the Committee on Transfers, the Commission approved the retransfer of the following named employees of the Police Department from the position of Laborer at $2.50 a day for 303 days to that specified: Lawrence Kennedy and William J. Lappin to Oiler at $960 per annum; Louis Brundage, Michael Murnane and William H. Stoutenburgh to Deckhand at $816 per annum.

Upon the recommendation of the Committee on Transfers, the Commission disapproved the request of the Police Commissioner to change the titles of Michael J. Heelan, James Eriksen, Samuel Morris and Henry W. Hansen from Laborer to Fireman at $960 per annum, a Preferred List of Licensed Fireman existing and the employees mentioned having formerly held positions other than Licensed Fireman.

On the recommendation of the Committee on Special and Temporary Appointments, the following appointments were approved in accordance with the requests of the several Departments, on the dates specified:

CLAUSE 4, RULE XII, AND SPECIAL CERTIFICATE FOR TIME IN EXCESS OF THIRTY DAYS.

May 5—William Denton and Joseph Austin, Supervising Engineers, Department of Correction, from Feb. 1 to April 30; Mary Minoletti, Hospital Clerk, Department of Public Charities, at $540 per annum, pending rating of application for provisional appointment; William G. Lush, Examiner of Purchase and Supplies, Department of Public Charities, at $2,700 per annum, from April 1, pending selection from eligible list.

May 6—Edward Kopp, Assistant Pharmacist at Sea View Hospital, Department of Public Charities, pending classification of position.

CLAUSE 4, RULE XII.

May 3—Henry Eggolt and Frank Miller, Park Foremen, Department of Parks, Brooklyn, at $3.50 a day, for a second fifteen days from April 16 and 23, respectively.

May 4—Samuel Roth, Assistant Physician, Clinic, Department of Health, at $300 per annum, for two periods of fifteen days each from April 18.

April 29—Louise DeRoode, Social Service Nurse, Department of Public Charities, for two periods of fifteen days each.

May 5—Milton P. Schreyer, Maxwell Thurm, James W. E. Magrath, Jr., H. Goldberg and John Kissel, Jr., to collect, sort and distribute text books for day and evening college in the College of the City of New York, at $1.50 a day, for two periods of fifteen days each.

May 1—William J. D. Lynch, Superintendent of Asphalt Plant, office of the President, Borough of Manhattan, at $2,100 per annum, for two periods of fifteen days each from April 16.

May 5—Myra A. Ellard, Junior Institutional Clerk, Department of Public Charities, at $600 per annum, for two periods of fifteen days each from April 14; Frank G. Schaible, Pathologist, Department of Public Charities, at $1,500 per annum, for two periods of fifteen days each, from May 1; Grace Rogers, Instructor (Kindergarten), Department of Public Charities, for two periods of fifteen days each, from April 1.

May 8—Anthony J. Stacom, Martin Schaaf, Asphalt Foremen, office of the President, Borough of Queens, at $4 and $4.50 a day, respectively, for two periods of fifteen days each.

May 3—Guy Maine, Interpreter (Chinese), City Magistrates' Courts, at $5 a day, for eight days, from March 28; Fred. G. Lemke, Supervising Engineer, Bellevue and Allied Hospitals, at $1,680 per annum, for two periods of fifteen days each, from April 1; Attendants, Organ Recital, the College of the City of New York, at $1 a day, for four days each, from April 2: Albert H. Dirkes, James Ferrier, Henry Weyrauch and Peter Doyle.

May 8—Interpreters, Court of Special Sessions, at $3 a day: Max Wohl, Hungarian, on May 2; S. Takagi, Japanese, on April 24; Ralph Kruchas, Lithuanian, on April 14.

May 3—Mary Dowling, Delia Moore, Mary Donohue, Attendants, Department of Bridges, at $2 a day, on April 27.

April 5—Thomas Barry, Engineer, Department of Public Charities, at $4.50 a day, for a second period of fifteen days from April 16.

April 27—John J. Dowd, Clerk, Department of Public Charities, at $900 per annum, for fifteen days from April 19.

May 3—Christopher C. McGrane, Supervising Engineer, Department of Public Charities, at $1,500 per annum, with maintenance, for two periods of fifteen days each.

May 1—Mark Cohen, Walter H. Kerby, Victor Lowenstein, Assistant Physicians, Department of Public Charities, at $1.140 per annum, for fifteen days each.

CLAUSE 11, RULE XIX.

May 3—Licensed Firemen, Department of Public Charities, at $3 a day: Patrick Henry, three days, from April 28; Charles Kelly, two days, from April 26; Vincent Grace, four days, from April 22.

May 4—Charles Bohn, Automobile machinist, Department of Public Charities, at $4.50 a day, for three periods of five days each, from May 4.

April 27—Licensed Firemen, Department of Public Charities: John Zelski, five days, from April 17. April 29: Martin Henry, two periods of five days each, from March 17; David Fenton, nine days, from April 18. April 27, Joseph Pirecca, second period of five days, from April 16. April 28: Thomas Conarty, second period of five days from Feb. 23.

April 29. Martin Henry, Oiler, Department of Public Charities, for six days from March 11.

May 2. Licensed Fireman, Department of Public Charities: Leonardo Laplaca, from April 11 to 21; James McCann, for five days from April 9, under Clause 11, and pending selection from the eligible list under special certificate.

May 8. George A. Place, Automobile Machinist, Department of Street Cleaning, at $4.50 a day, for five days from May 8.

May 5. Henry Shaire and William C. Krampff, Automobile Machinists, Department of Bridges, at $4.50 a day, for fifteen days each; 63 Drivers and 4 Sweepers, Department of Street Cleaning, as per payroll.

The Commission approved the action of the Committee on Special and Temporary Appointments in directing that Wilfred Blanchard be marked "Qualified" for employment as Hoist Operator in the Board of Water Supply under the provisions of Clause 3 of Rule XII, pending the promulgation of the eligible list for that position, and that Frederick J. Hayman and Alphonse P. Cherry, candidates for similar employment, be summoned before the Commission, upon the recommendation of the Examiner in Charge of the Bureau of Investigation, in a report dated May 8.

The Commission approved the action of the Committee on Special and Temporary Appointments in adopting the recommendations contained in the following reports of Leonhard Felix Fuld, Assistant Chief Examiner:

Report (Q-225) dated May 9 recommending that Mrs. Myra A. Ellard, 111 W. 90th st., Manhattan, be marked "Qualified" for employment as Junior Institutional Clerk in the Department of Public Charities, under the provisions of Clause 3 of Rule XII, pending promulgation of the appropriate promotion list for Hospital Clerk, Grade 2.

Report (Q-224) dated May 8 recommending that Frederick G. Lemke, 323 E. 30th st., Manhattan, be marked "Qualified" for employment as Supervising Engineer in Bellevue and Allied Hospitals, under the provisions of Clause 3 of Rule XII, pending promulgation of the promotion list for that position.

Report (Q-221) dated May 8 recommending that Mary C. Minoletti, 305 E. 73rd st., Manhattan, be marked "Qualified" for employment as Hospital Clerk in the Department of Public Charities, under the provisions of Clause 3 of Rule XII, pending promulgation of the promotion list for that position.

Report (Q-223) dated May 8 recommending that the following named employees of the Department of Water Supply, Gas and Electricity be marked "Qualified" for employment as Watershed Inspectors, under the provisions of Clause 3 of Rule XII, pending promulgation of the promotion list for that position: Coleman S. Townsend, Jr., Augustus B. Cook, Eugene T. Lyon, Michael Wood, Fernando Baltes, George W. Hyde, Daniel H. Cole, Thomas J. Doyle, Merritt W. Moseman, John Reed, James H. Dennis, John J. Hanney, Alfred F. Daniel, William Rich.

Report (Q-218) dated May 4 recommending that the following-named employees of the Department of Water Supply, Gas and Electricity be marked "Qualified" for employment as Watershed Inspectors, under the provisions of Clause 3 of Rule XII, pending promulgation of the promotion list for that position: Edward F. Pyne, Thomas F. Robbins, Thomas McHenry, Arthur J. Brown.

Report (Q-217) dated May 4 recommending that Christopher C. McGrane be marked "Qualified" for employment as Supervising Engineer in the Departemnt of Public Charities, under the provisions of Clause 3 of Rule XII, pending promulgation of the promotion list for that position.

Report (Q-216), dated May 3, recommending that Gordon T. Broad be marked "Qualified" for employment as Senior Bookkeeper in the Department of Public Charities under the provisions of Clause 3 of Rule XII pending promulgation of the promotion list for that position.

Report (Q-220), dated May 5, recommending that Henry Eggolt and Frank Miller be marked "Qualified" for employment as Park Foremen in the Department of Parks, Brooklyn, under the provisions of Clause 3 of Rule XII pending promulgation of the promotion list for that position.

A memorandum dated May 8 was presented from the Secretary recommending the following procedure in the matter of certifications to fill the position of Instructor of Industry:

1. When a request is made for a certification for an Instructor of Industry in a particular trade and there is an eligible list established in 1915 for major and minor trade, certify the 1915 list provided the major trade is the same as the single trade asked for.
2. In case the single trade asked for is a minor trade on a major and minor list for 1915, or for no trade examined for in 1915, certify the 1916 list.
3. Where the request for certification is for a major and minor list, certify the 1915 list if such list exists.
4. If we have no list for a single trade, but have a major and minor list with that trade established in 1915, certify the 1915 list.

The recommendations were approved.

A report, dated May 4, was presented from the Acting Chief Examiner submitting a statement of examination held during the month of April, 1916. The report was ordered filed.

A report, dated May 4, was presented from the Acting Chief Examiner to the effect that no list had resulted from the examination for promotion to Stenographer and Typewriter, Grade 3, office of the Mayor. The Secretary was instructed to note the fact on the records.

Reports (2), dated May 4, were presented from the Acting Chief Examiner, notifying the Commission of the completion of the examination for promotion to Marine Engineer, Fire Department, and Clerk, Second Grade, Mayor's office. On motion, it was

Resolved, That the following promotion eligible lists be and the same hereby are promulgated: Marine Engineer, Fire Department, Clerk, Second Grade, office of the Mayor.

Reports (2), dated May 8, were presented from the Acting Chief Examiner, notifying the Commission of the completion of the examination for promotion to Foreman Lineman, Grade 2, Fire Department, and Clerk, Fifth Grade, Department of Street Cleaning, Fire Department and office of the President, Borough of Richmond. On motion, it was

Resolved, That the following promotion eligible lists be and the same hereby are promulgated: Foreman Lineman, Grade 2, Fire Department; Clerk, Fifth Grade, Department of Street Cleaning; Clerk, Fifth Grade, Fire Department; Clerk, Fifth Grade, office of the President, Borough of Richmond.

A report, dated May 2, was presented from the Acting Chief Examiner, stating that it would be no longer necessary to continue the practice of authorizing provisional appointments under Clause 3 of Rule XII pending the result of promotion examinations where no change of title was involved, which practice had been due to the fact that the Department of Finance would only pass payrolls exactly in accordance with budget provisions, it appearing that the Department of Finance would in future pass payrolls at a lower salary than that given in the budget. The Examiner recommended, therefore, that the practice referred to be discontinued. The recommendation was adopted.

Reports dated May 2 and May 5, respectively, were presented from the Acting Chief Examiner, recommending George W. Booth, East Orange, N. J., and Joseph P. Byrne, Germantown, Pa., for appointment as Expert Examiners in the office of the Commission in connection with the examinations for Deputy Chief, Bureau of Fire Prevention, and Superintendent of Industries, respectively. On motion, it was

Resolved, That, subject to the approval of the Mayor, as provided in Section 3 of an ordinance entitled "An ordinance to prevent non-residents of the State of New York from holding employment in any of the departments or branches of the government of the City of New York," the requirement of residence in the State of New York be waived in the cases of George W Booth, East Orange, N. J., and Joseph P. Byers, Germantown, Pa., for services as expert examiners in the Municipal Civil Service Commission in connection with the examinations for Deputy Chief, Bureau of Fire Prevention, and Superintendent of Industries, respectively.

A report dated May 2 was presented from the Acting Chief Examiner with

further reference to the request of the Commissioner of Public Charities for approval of the transfer of Victor Lowenstein from the position of Social Investigator to that of Assistant Physician, which transfer had been disapproved by the Commission. After careful consideration of the facts set forth in the above report and upon the recommendation of the Acting Chief Examiner set forth therein the change of title was approved under Clause 3 of Rule XIV.

A report dated May 8 was presented from the Advisory Board transmitting a report (E-706) dated May 1 from Mr. Fuld, Assistant Chief Examiner, recommending certain qualifications for applicants for appointment under the provisions of Rule XII., Clause 3. The recommendation was adopted.

A report dated May 8 was presented from the Advisory Board recommending the use of admission cards instead of preliminary sheets in promotion examinations in which the number of candidates does not exceed four hundred. The recommendation was adopted.

The following reports were presented from Mr. Fuld, Assistant Chief Examiner, to the effect that the efficiency reports of the departments specified had been prepared in accordance with the rules: Report (Z-20) dated May 8—Board of Parole for the first quarters of 1916. Report (Z-21) dated May 8—Board of Elections for the first quarter of 1916. Report (Z-19) dated May 5—Board of Inebriety for the first quarter of 1916. Report (W-148) dated May 5—Department of Water Supply, Gas and Electricity for the third quarter of 1915. Report (X-100) dated May 4—Office of the President, Borough of Queens, for the fourth quarter of 1915. The efficiency reports were approved.

A report dated May 2 was presented from the Examiner in Charge of the Bureau of Investigation submitting a list of candidates on the old eligible list of Automobile Engineman whose records had not been investigated, or had been only partially investigated, and recommending that the papers of the candidates be filed and no further investigations made, as a new list had been promulgated for the position. The recommendation was adopted.

A report (Y-26) dated May 2 was presented from Mr. Fuld, Assistant Chief Examiner, relative to the request of the Department of Correction for authority to change the title of William Golden from General Inspector to General Storekeeper. The matter was referred to the Acting Chief Examiner.

A memorandum dated May 4 was presented from the Secretary of the Commission relative to department in which promulgation of promotion lists had been withheld because of lack of efficiency records and in which appointees had served under Clause 3 of Rule XII., pending the promulgation of such lists for the full time allowed by law. The Secretary was instructed to withhold certification of the payrolls of such provisional appointees for time in excess of the period allowed by law.

A report dated May 5 was presented from the Examiner in Charge of the Bureau of Investigation relative to the date of original appointment in the City Service of John Whalen, a candidate on the preferred list of Foreman, who had requested that he be credited with services rendered prior to Nov. 11, 1898, the date appearing on the records of the Commission as the date of his original appointment. It appearing that the candidate's services prior to that date had been rendered in the Sheriff's office and, therefore, not in the City Service, the request of the candidate was denied.

The following reports were presented from the Examiner in Charge of the Bureau of Investigation:

Report dated May 5 recommending that candidates 1 to 4, inclusive, on the eligible list of Cable Splicer be marked "Qualified" thereon.

Report dated May 6 recommending that the disqualification appearing against the name of Jacob Levinson, 676 Hendrix st., Brooklyn, on the eligible list of Inspector of Licenses be removed.

Report dated May 8 recommending that Cecelia E. DeCelles, 126 W. 90th st., Manhattan, be marked "Qualified" on the eligible list of School Farm Attendant, Grades 1 and 2.

Report dated May 6 recommending that certification of the names of Marie E. Williams, Alice I. Sabens, Bertha Wengler and Grace E. Wesson from the eligible list of School Farm Attendant, Grades 1 and 2, be withheld, and that Eugenie Blank, Esther Siebel, Ethel J. Wall, Minna R. Streich and Alice T. Grady be marked "Qualified" on the eligible list.

Report dated May 1 recommending that Dorothy Dublin of 1727 President st., Brooklyn, a candidate for the position of Social Investigator, be permitted to correct her statements as to date of birth where in error in her papers in the examination for that position and that she be marked "Qualified" on the eligible list.

Report dated May 8 recommending that Wilfred Blanchard be marked "Qualified" for employment as Hoist Operator, Board of Water Supply, under the provisions of Clause 3 of Rule XII. and that Alphonse P. Cherry and Frederick J. Hayman, candidates for similar employment, be summoned before the Commission in the matter of residence and citizenship, respectively.

Report, dated May 5, recommending that Michael F. Henry, a candidate on the eligible list of Veterinarian, be summoned before the Commission in connection with his place of residence.

The recommendations were adopted.

A report, dated May 8, was presented from the Examiner in Charge of the Bureau of Investigation relative to candidates 1 to 13, inclusive, on the eligible list of Climber and Pruner. The Secretary was instructed to withhold certification of the names of Joseph J. Murphy, George Grimm, Albert Goehner; to summon Edgar S. Evers before the Commission and to mark the other candidates "Qualified" on the eligible list.

Upon the recommendation of the Examiner in Charge of the Bureau of Investigation in a report dated April 10, it was

Resolved, That the eligible list of Fireman be and the same hereby is promulgated.

The Commission then considered the above report relative to the first fifty candidates on the eligible list of Fireman and the following supplementary reports relative to the candidates named who appeared among the first fifty candidates referred to:

Report dated April 11, relative to J. H. Huber.
Report dated April 13, relative to John A. Fitzpatrick and James Madigan.
Reports (2) dated April 17, relative to John Higgins and William Schanover.
Report dated April 26, relative to Edward J. O'Connor.
Report dated May 1, relative to James J. Wood.
Report dated May 4, relative to George J. Nelson.

The Secretary was instructed to summon William Schanover, George J. Nelson, James W. Wood, Ernest J. H. Huber, James Madigan, Aloysius P. Clark, Samuel N. Avrick, John M. Breen, Thomas P. Fox, Louis J. Rauchut, Raymond J. F. Coakley and Harry J. Brown before the Commission; to withhold certification of the names of Robert P. Macaulay and Humphrey J. Moynihan, and to mark the other candidates "Qualified" on the eligible list.

A report dated May 5 was presented from William D. Ennis, Mechanical Engineering Examiner in the office of the Commission, relative to the request of the Commissioner of Public Charities under date of March 31, 1916, for authority to employ Louis Ortner as Expert Mechanical and Fuel Engineer for a period of eight months at the rate of $3,000 per annum, which matter had been referred to the Examining Division for a report at a previous meeting. After consideration of the report, the request of the Commissioner of Public Charities was denied, and, on motion, it was

Resolved, That the Secretary be and he hereby is instructed to proceed with an open competitive examination for the position of Senior Assistant Engineer (Power Plant Supervision), under the provisions of Clause 6 of Rule VI, that being a position requiring qualifications of an unusual character and one to which no classified title is applicable.

A report dated May 2 was presented from Charles A. Stiles, Examiner in the office of the Commission, relative to the request of the Director of the Bureau of Contract Supervision of the Board of Estimate and Apportionment that the preferred list of Chemist, Water Supply, Gas and Electricity, containing the name of John A. Powders, be certified to him as an appropriate list from which to appoint an Engineering Chemist at $1,350 per annum. The action of the Secretary in certifying the preferred list requested was approved.

A report dated May 2 was presented from William B. Clark, Examiner, recommending that the fourth question in the Arithmetic paper in the examination for promotion to Hospital Clerk, Grade 2, be eliminated, as an error had occurred in the preparation of same which had rendered the problem impossible of solution. The recommendation was adopted.

The following reports were presented from the Certification Clerk:

Report dated May 4 requesting approval of his action in certifying from the eligible list of Laboratory Assistant (Pathological Laboratory, Bacteriology and Serology) the names of eleven persons not reported upon by the Commission's investigation Bureau, and from the eligible list of Laboratory Assistant (Pathological Laboratory, Histology) the names of seven persons not so reported upon.

Report dated May 5 requesting approval of his action in certifying from the eligible list of Fire Telegraph Expert the name of a candidate not reported upon by the Commission's Bureau of Investigation.

Report dated May 5 requesting approval of his action in certifying from the eligible list of Inspector of Foods (Milk), Grade 2, the names of six persons not reported upon by the Commission's Bureau of Investigation.

The action of the Certification Clerk was approved.

Two reports dated May 8 were presented from the Application Clerk, stating that Otto G. Schafenberg and George W. Dietz had failed in a medical re-examination for the position of Fireman and that Harry Conklin had failed to appear for such re-examination. The Secretary was instructed to note the facts on the records, the eligible list of Fireman upon which the said candidates' names had appeared having expired.

A communication dated May 6 was presented from the President of the Borough of The Bronx requesting authority to assign a fireman to make the necessary repairs on the heating system in the Borough Hall of The Bronx for a period of from twelve to sixteen weeks. The request was granted.

The Secretary was instructed to note on the records the following reassignments to duty in accordance with notifications from the departments concerned under the dates specified:

President, Borough of Queens—April 26, George J. Berger, Assistant Engineer; April 27, William J. Murray, Bookkeeper. Department of Street Cleaning—May 1, John Kiely, Station Keeper; Alfio Marinaccio and Frank J. Hauft, Drivers; May 3, Hugh Gegley, Sweeper. President, Borough of Manhattan—May 4, Henry Weymann, Inspector of Regulating, Grading and Paving. President, Borough of Bronx—May 4, Thomas F. Coleman, Inspector of Regulating, Grading and Paving. Department of Public Charities—April 29, Maria M. Flynn, Stenographer and Typewriter. Department of Water Supply, Gas and Electricity—May 2, Henry A. Hughes, Stationary Engineer.

Department of Docks and Ferries—May 2, Dennis Sheehan, Machinist's Helper; May 3, John F. Gately, Jr., Lumber Inspector; May 4, Alexander Ross, Dock Builder.

A communication dated May 2 was presented from the Board of Water Supply, requesting certification of promotion lists of Clerk, Second Grade, for various divisions of the department. The request was denied, there being a preferred list of Clerk, Second Grade, containing the names of persons suspended from the Board of Water Supply.

The Commission again considered the case of Walter A. Coakley, who had not received payment for services rendered as Assistant Alienist in the Kings County Hospital, Department of Public Charities, from Aug. 1 to Oct. 26, 1915, for the reason that he was not a qualified Examiner in Lunacy and licensed to practise medicine in the State of New York. After careful consideration of the matter it was

Resolved, That the requirement that candidates for the position of Assistant Alienist shall be qualified Examiners in Lunacy and licensed to practice medicine in the State of New York be and the same hereby is waived in so far as it applies to non-competitive examination for provisional employment as Assistant Alienist under Clause 3 of Rule XII.

The Commission therefore directed that the application blank of Dr. Coakley for provisional employment as Assistant Alienist, Department of Public Charities, under Clause 3 of Rule XII, be rerated and the Secretary was instructed to inform the Commissioner of Public Charities that upon receipt of the examiner's report on the rerating the Commission would take action on the matter of approving Dr. Coakley's employment from Aug. 1 to Oct. 26, 1915.

A communication dated May 4 was presented from the Police Commissioner, stating that George W. Hartwell, Daniel C. Murphy, John F. Leykamm and George F. Behr, candidates on the eligible list of Patrolman, had been rejected by the Police Surgeons for physical defects. The Secretary was instructed to arrange a medical re-examination of the candidates by the physicians of the Commission.

A communication dated May 5 was presented from the Secretary of the Department of Health to the effect that he had accepted the resignation effective March 31, 1916, of Jacob Licker, a First Grade Clerk, of whose suspension at the end of his probationary period (April 7, 1916), the Commission had previously been notified. The Secretary was instructed to amend the records accordingly.

A communication dated May 2 was presented from the Secretary of the Department of Finance notifying the Commission of the change of name of a Stenographer and Typewriter in his department from Miss Anna E. Slyman to Mrs. Anna E. Smith. The Secretary was instructed to amend the records accordingly.

A communication dated May 4 was presented from the Deputy Commissioner of the Department of Water Supply, Gas and Electricity relative to the applications of 24 Laborers in his department acting as Watershed Inspectors for provisional appointment to the latter position pending the promulgation of an appropriate promotion list. The Commission approved the action of the Committee on Special and Temporary Appointments in waiving the requirement that applications be sworn to in so far as it affected the said employees upon the statement of the department that it would be impossible to have the applications sworn to in time owing to the assignments of the men.

A communication dated May 5 was presented from the Commissioner of Parks, Manhattan and Richmond, requesting certification of an eligible list from which to promote one Park Foreman to the position of District Park Foreman at $1,500 per annum. The action of the Secretary in certifying the promotion list of General Foreman (District Park Foreman), Grade 2, as an appropriate list was approved.

A communication dated May 4 was presented from the Secretary of the Department of Public Charities, requesting an amendment of the Municipal Civil Service Classification by changing the line "Pharmacist at $720 per annum, with maintenance," to read "Assistant Pharmacist at $720 per annum, with maintenance." The Secretary was instructed to advertise a public hearing on the proposed amendment in accordance with Rule III.

The following reports of Departmental Boards of Examiners for Positions in the Non-Competitive Class were approved upon the recommendation of the Chief Examiner: Department of Health, April 26; Department of Education, May 2; Department of Public Charities, April 22, 28 and 29 (2).

A report dated May 10 was presented from the Certification Clerk submitting a statement of certifications of names in excess of the number prescribed by the rules. The certifications were approved, the additional names having been certified to anticipate declinations on account of salary, location, etc.

The declinations of appointment of the following-named candidates from the eligible lists specified on account of illness, impracticability of leaving other employment, etc., were approved:

School Farm Attendant, Preferred—Julia L. Cornwall, 2767 Marion ave., N. Y. City. Patrolman—Winfield W. Robinson, 1711 University ave., Bronx; Thomas A. Mulholland, 438 E. 159th st., Bronx. Automobile Engineman—George Pfann, 214 Chauncey st., Brooklyn. Laborer, Queens—Lewis F. Devlin, 75 Jackson ave., L. I. City. Typewriting Copyist, Grade 2—Harry Mendlowitz, 2096 Daly ave., Bronx; S. Mendell, 40 E. 3rd st., Manhattan; Benjamin Lieberman, 88 First st., Manhattan; Bernard Belskin, 121 St. Marks pl., Manhattan. Steam Roller Engineer, Preferred—Wilbur E. Phelps, 417a Seventh ave., Brooklyn.

Clerk, Second Grade—William Morris, 319 E. 9th st., Manhattan; Albert J. Watts, 113 Cooper st., Brooklyn; Jacob Lieberman, 29 Cannon st., Manhattan. Clerk, Second Grade, Preferred—James Egan, 6 Barrow st., Manhattan; Peter Neary, 1003 39th st., Broklyn; Franklin J. Johnson, 2229 Adams pl., Manhattan. Structural Steel Draughtsman—John Woods, 286 Hawthorne ave., Ludlow, Yonkers, N. Y. Stenographer and Typewriter, Grade 2—Tyler Bunce, 53 Grove st., Elmhurst, L. I. Inspector of Foods, Milk—Daniel F. Mulcahy, 215 Franklin st., Elmira, N. Y.; William J. Goetz, Jr., 343 E. 58th st., Manhattan.

Laborer, Westchester County—John F. Leonard, 610 Nepperham ave., Yonkers, N. Y. Temporary Clerk—Henry Kohan, 101 Second ave., Manhattan; Abraham F. Hazen, 282 Broadway, Flushing, L. I. Typewriter Accountant (temporary preferred list)—Adelaide I. Roberts, 2151 Seventh ave., Manhattan. Nurse—Rose MacMullin, 132 State st., Brooklyn. School Farm Attendant, Preferred—Isabella Burkinshaw, 53 W. 104th st., Manhattan; Katharine A. Clancey, 638 Bedford ave., Brooklyn. Laboratory Assistant (Chemical Laboratory)—Michael Icahn, 213 Scholes st., Brook-

lyn. Temporary Preferred List of Clerk, Second Grade—Frank Fermer, 325 Vermont st., Brooklyn. Clerk, Fourth Grade, Preferred—George B. Pettit, 410 E. 8th st., Manhattan. Clerk, First Grade—James Toner, 129 E. 123rd st., Manhattan.

The requests of the following-named persons for restoration to the eligible lists specified were granted, their failure to reply to notices regarding appointment, declinations of appointment, etc., having been satisfactorily explained to the Commission:

John Donnellon, 623 St. Marks ave., Brooklyn, Laborer (Brooklyn), Preferred. William R. Lawson, 464 W. 152nd st., Manhattan, Clerk, Third Grade, Preferred. Anna Smith, 91 Greenpooint ave., Brooklyn, Cleaner (Women), Brooklyn. David M. Cohen, 3 E. 117th st., Manhattan, Laboratory Assistant, Research. Francis Reilly, 74 Richardson st., Brooklyn, Laborer, Brooklyn. Jacob Wolfshaut, 29 Avenue B, Manhattan, Clerk, First Grade, for appointment at over $300 per annum. Marie A. Pless, 308 E. 151st st., Bronx, Nurse. Alexander Goldstein, 183 E. 93rd st., Manhattan, Playground and Gymnasium Attendant. Isabelle E. Brown, 229 W. 130th st., Manhattan, Typewriting Copyist, Grade 2. Louis Brommer, 1662 First ave., Manhattan, Attendant (temporary preferred list). Mary Mahony, Albion, N. Y., Attendant, Female. William Kennedy, 748 Thirty-ninth st., Brooklyn, House Painter, Preferred. Raymond F. Martin, 556 W. 180th st., Manhattan, Court Stenographer, Fourth Grade, General List. Thomas J. Murphy, 305 Degraw st., Brooklyn, Machinist's Helper. Arthur Suer, 975 Union av., Brooklyn, Draftsman, Grade C. John Dodge Clark, 47 Linden st., Brooklyn, Playground and Gymnasium Attendant. Barnet Kinsky, 150 Henry st., Manhattan, Extra Sweeper, Manhattan.

A communication dated April 20 was presented from Nathan Raphael, 238 Floyd st., Brooklyn, addressed to the Department of Parks, Brooklyn, relative to his certification from the eligible list of Laborer, Brooklyn. The Secretary was instructed to record the candidate on the eligible list as having failed to report for appointment.

A communication dated May 5 was presented from Carrie Wright, 234 E. 34th st., Manhattan, a candidate on the eligible list of School Farm Attendant, who had been recorded thereon as having declined appointment in the Department of Parks, Brooklyn, on May 2 on account of temporary inability. The Secretary was instructed to note on the records the appointment of the candidate in the Department of Parks, Manhattan and Richmond, on April 29, 1916, for a period of eight months.

The Secretary was instructed to note on the records the death of John Kennedy, 621 E. 161st st., Bronx, whose name appeared upon the preferred list of Temporary Clerk.

The request of Joseph S. Gunn, 2860 Eighth ave., Manhattan, that his name be removed from the eligible list of Asphalt Worker was granted.

The requests of the following-named candidates in the examinations specified for permission to amend their statements as to date of birth where in error in their papers in the examinations specified were granted: Frank Gigante, 259 Washington st., Brooklyn, Laborer. William H. Kane, 82 S. 4th st., Brooklyn, Watchman. Alexander H. Stewart, 2333 Loring pl., Bronx, Inspector of Masonry.

The requests of the following-named persons that their names be removed from the list of persons disqualified for employment in the City Service were denied: Gennaro Vesce, 46 Water st., Manhattan; Solomon B. Solomons, 5 Flint st., Brooklyn.

Matters Not Upon the Calendar Considered by Unanimous Consent.

A report dated May 9 was presented from the Acting Chief Examiner notifying the Commission of the completion of the examination for promotion to Janitor, Grade 1 (Caretaker), Police Department. On motion, it was

Resolved, That the promotion list of Janitor, Grade 1 (Caretaker), Police Department, be and the same hereby is promulgated.

A report dated May 9 was presented from the Acting Chief Examiner notifying the Commission of the completion of various promotion examinations in the Clerical Service. On motion, it was

Resolved, That the following promotion eligible lists be and the same hereby are promulgated: Chief Clerk, Third Grade, Board of Coroners, Richmond. Clerk, Third Grade, Board of Estimate and Apportionment, and Finance Department. Cashier, Fourth Grade, Finance Department. Clerk, Fourth Grade, Tenement House Department, and Board of Elections

A report dated May 10 was presented from the Acting Chief Examiner stating that the examination for promotion to Foreman Driver, Grade 2, Bellevue and Allied Hospitals, had been completed. On motion, it was

Resolved, That the promotion eligible list of Foreman Driver, Grade 2, Bellevue and Allied Hospitals, be and the same hereby is promulgated.

A report dated May 9 was presented from the Acting Chief Examiner relative to the request of the Police Commissioner under date of May 5 that the consideration for marksmanship in examinations for promotion to the ranks of Lieutenant and Sergeant in the Police Department be changed as follows: For Commendation, 96 to 120 per cent.; for Excellent Police Duty, 72 to 96 per cent., out of a possible aggregate of 120 per cent., the same as allowed by the United States Army.

The Acting Chief Examiner recommended that the request be granted. The recommendation was adopted.

A report (Y-29) dated May 3 and a report (Y-36) dated May 10 was presented from Mr. Fuld, Assistant Chief Examiner, relative to the alleged inappropriate assignment of Robert Clark, Laborer, Department of Parks, Brooklyn. The Commission ruled that the said employee was not inappropriately assigned.

A report dated May 9 was presented from the Acting Chief Examiner, stating that the application of Richard J. Harmon for appointment to the position of Watershed Inspector in the Department of Water Supply, Gas and Electricity under the provisions of Clause 3 of Rule XII. had not been properly filled out, and recommending that a new blank be forwarded to him and that the officials of the department be requested to see that the blank was filled out properly. The recommendation was adopted.

The following reports were presented from Mr. Fuld, Assistant Chief Examiner, to the effect that the efficiency reports of the Departments specified had been prepared in accordance with the rules: X-101. dated May 9, Tenement House Department, for the fourth quarter of 1915; X-102, dated May 9, Department of Street Cleaning for the fourth quarter of 1915. The efficiency reports were approved.

The following reports were presented from the Examiner in Charge of the Bureau of Investigation:

Report dated May 9, recommending that the first two candidates on the eligible list of Instructor of Industry (Masonry) be marked "Qualified."

Report dated May 9, recommending that the first two candidates on the eligible list of Instructor of Industries (Steam Fitting), be marked "Qualified" thereon.

Report dated May 9, recommending that Edward B. Kelly and Christopher D. Keegan, candidates on the eligible list of Instructor of Industry (Bricklaying), be summoned before the Commission and that the three other candidates named in the report be marked "Qualified" on said list.

Report dated May 9, recommending that certification of the name of John C. Shuttleworth from the eligible list of Instructor of Industry (Structural Iron Working), be withheld and that the three other candidates named in the report be marked "Qualified" on said list.

Report dated May 9 recommending that certification of the names of Fred J. Slater, Bruce A. MacKenzie, Joseph A. Brady, James Morrissey and Michael Mohin from the eligible list of Instructor of Industry (Road Construction) be withheld.

The recommendations were adopted.

Upon the recommendation of the Examiner in Charge of the Bureau of Investigation in a report dated May 5 relative to the six candidates in the examination for Proofreader named therein, the Secretary was instructed to summon Franklyn G. Lundgren before the Commission, to withhold certification of the name of Harry A. Meyer and to mark the other candidates "Qualified," and, on motion, it was

Resolved, That the eligible list of Proofreader be and the same hereby is promulgated.

A report dated May 9 was presented from the Certification Clerk, stating that the following-named candidates on the eligible list of Sweeper had been rejected by the Commissioner of Street Cleaning for physical defects: James Lyons, Jacob Krank, Sam Tilles, Thomas E. Wedlock, Bernard Siegel, Patrick J. Hart, Ira Pusansky. The Secretary was instructed to arrange a medical re-examination of the candidates by the Commission's physicians, and to return to the Commissioner of Street Cleaning as requested by the Medical Officer of that department the name of Abraham Berger who had been rejected for temporary disability.

A report dated May 9 was presented from the Application Clerk, stating that Francesco A. Luongo, who had been rejected by the medical officers of the Street Cleaning Department for the position of Sweeper, had also been rejected in a medical re-examination by the Commission's physicians. The Secretary was instructed to summon the candidate before the Commission to show cause why his name should not be removed from the eligible list of Sweeper on account of physical disability.

The Secretary was instructed to note on the records the following reassignments to duty in accordance with notifications from the departments concerned under the dates specified: May 5: Daniel Leahy, Laborer, office of the President, Borough of Queens. May 8: Pasquale Garzone, Laborer, office of the President, Borough of Richmond. May 2: Charles C. Lynch, Stoker, Department of Correction, at the expiration of a temporary assignment as Stationary Engineer. May 5: Edward McGuire, Fireman, Department of Public Charities. May 3: James J. Curtin, Janitc Board of Education. May 5: Edward I. Elwin, Junior Chemist, office of the President, Borough of Manhattan, and Michael Lundrigan, Laborer, office of the President, Borough of Bronx. May 8 (2): Fritz Bode, Laborer, and Caleb Huntley, Inspector of Regulating, Grading and Paving, office of the President, Borough of Bronx. May 5 (2): Thomas E. Bresha, Driver, and Pasquale Lendino, Sweeper, Department of Street Cleaning. May 6: Walter F. Harrington, Stableman, and Clarence Smith, Driver, Department of Street Cleaning.

A communication dated May 10 was presented from the Commissioner of Public Works, Queens, requesting certification of the promotion list of Clerk, Fourth Grade, General Administration, from which to make a promotion to the position of Clerk, Fourth Grade, Bureau of Highways. The request was granted, there being no promotion list for the latter bureau.

Communications dated April 17 and April 19 were presented from the Department of Public Works, Manhattan, requesting approval of the increase in salary of Samuel Grant, Fred J. Bayer and William J. Donovan, Automobile Enginemen, from $3 to $4 a day. The request was denied, the said employees being ineligible for the proposed increase in salary under the provisions of Clause 4 of Rule XI.

A communication dated May 9 was presented from the Board of Water Supply, designating James F. Canborn, Division Engineer, to represent the City Aqueduct Department on the Board of Promotions in the place and stead of Dr. J. S. Langthorn, separated from the force. The designation was approved.

Upon the request of the Deputy Commissioner of the Department of Bridges under date of May 6, it was

Resolved, That the employment of Dr. Christian G. Rohrer, 522 W. 136th st., Manhattan, as Veterinarian in the Department of Bridges from time to time during the year 1916 be and the same hereby is authorized under the provisions of Clause 6a of Rule XII; provided, however, that his total compensation shall not exceed $250.

Upon the request of the Police Commissioner in a communication dated May 8, it was

Resolved, That the employment of Dr. E. B. Ackerman, 367 Flushing ave., Brooklyn, as Veterinarian in the Police Department from time to time for a period of one year from December 1, 1915, be and the same hereby is authorized under Clause 6a of Rule XII; provided, however, that his total compensation shall not exceed $750.

A communication dated May 9 was presented from the Chief Clerk of the Children's Court relative to the services of J. J. Boyd as Special Janitor in that court from Feb. 26 to April 1, 1916. The Secretary was instructed to approve the vouchers submitted for the said period under the provisions of Clause 8 of Rule XII.

A communication dated May 6 was presented from the Corporation Counsel, notifying the Commission of the change of name by court order of a clerk in his department from Benjamin Grodinsky to Benjamin Groden. The Secretary was instructed to note the change of name on the records.

The Secretary was instructed to replace on the eligible list of Medical Inspector, Grade 2, the name of Charles P. Frischbier of 1180 Hancock st., Brooklyn, in accordance with an order of the Supreme Court, Kings County, dated May 10, 1916.

The request of James A. Lapalusa, 40 Mulberry st., Manhattan, for permission to amend his statements as to date of birth where in error in his papers in the examination for Clerk, First Grade, was granted.

The request of Biagio Provinzano, 69 Main st., Brooklyn, that his name be removed from the list of persons disqualified for employment in the City Service was denied.

The Secretary was instructed to summon Samuel B. Cooper, 69 Seventh st., Manhattan, before the Commission in connection with the date of birth in his examination papers for the position of Clerk.

The Commission then adjourned to meet Wednesday, May 17, 1916, at 10.30 o'clock a. m.

ROBT. W. BELCHER, Secretary.

REGISTERED MASTER PLUMBERS, 1916.

Borough of The Bronx.

Name, Residence and Shop.	Reg. No.
Ahrens, Jacob J., 60 Audubon ave.; shop, 60 Audubon ave	132
Alkoff, Samuel, 987 Union ave.; shop, 987 Union ave	23
Armstrong, Charles A., 808 Eighth ave., Brooklyn; 219 E. 58th st	275
Armstrong, James, 335 President st., Brooklyn; shop, 219 E. 58th st	274
Arnone, Salvadore G., 2069 Westchester ave.; shop, 2300 Adams pl	65
Ash, Walter T., 521 W. 151st st.; shop, 1801 Amsterdam ave	137
Bachman, John A., 388 Willis ave.; shop, 273 W. 117th st	25
Bahr, Edwin, 668 St. Anns ave.; shop, 668 St. Anns ave	396
Barber, James H., 237 E. 234th st.; shop, 237 E. 234th st	130
Barkin, William, 945 Aldus st.; shop, 454 E. 168th st	325
Bass, Ralph, 125 St. Anns ave.; shop, 125 St. Anns ave	27
Basso, Alexander J., 184 Lincoln ave.; shop, 619 Morris ave	374
Baxter, Abraham, 871 Intervale ave.; shop, 935 Intervale ave	106
Beck, William, 214 E. 58th st.; shop, 214 E. 58th st	408
Beckert, John H., 2840 Valentine ave.; shop, 2061 Madison ave	280
Beik, John, 466 E. 135th st.; shop, 325 Willis ave	121
Bentz, J. Edward, 1953 Chatterton ave.; shop, 2362 Westchester ave	229
Berger, John S., 415 E. 162nd st.; shop, 871 E. 180th st	117
Bernard, Bernard J., 1438 St. Lawrence ave.; shop, 1438 St. Lawrence ave	262
Bernesser, Vincent F., 303 E. 158th st.; shop, 303 E. 158th st	165
Bernstein, Samuel, 1694 Clay ave.; shop, 1575 Washington ave	173
Beyrodt, Alfred, 759 Hewitt pl.; shop, 759 Hewitt pl	256
Birch, John Frederick, 871 Brook ave.; shop, 871 Brook ave	158
Birnbaum, Michael, 920 Tiffany st.; shop, 1014 Intervale ave	182
Blissman, Edward E., 3819 Fulton st., Woodhaven, L. I.; shop, 389 E. 141st st.	272
Bock, Charles, 1145 Union ave.; shop, 1145 Union ave	43
Bodenger, Jacob, 112 E. 3rd st.; shop, 112 E. 3rd st	419
Boswell, Michael F., 200 W. 143rd st.; shop, 263 W. 125th st	257
Bradspis, David, 702 E. 176th st.; shop, 453 E. 160th st	409
Brady, Frank E., 2567 E. 17th st., Brooklyn; shop, 341 E. 36th st	380
Brady, John J., 313 E. 183rd st.; shop, 313 E. 183rd st	1
Brandt, David, 440 E. 156th st.; shop, 467 E. 155th st	39
Breen, Thomas F., 794 Elsmere pl.; shop, 794 Elsmere pl	7
Breen, Wm. J., 472 E. 186th st.; shop, 598 E. 183rd st	171
Bregman, Louis I., 1789 Bathgate ave.; shop, 4031 Third ave	10
Bregman, Morris, 450 E. 175th st.; shop, 4031 Third ave	199
Brennan, Francis J., 28 E. 177th st.; shop, 28 E. 177th st	150
Brogan, Joseph A., 2478 Tiebout ave.; shop, 2478 Tiebout ave	29
Browdy, Morris, 583 E. 138th st.; shop, 583 E. 138th st	78
Brown, Richard S., 552 W. 185th st.; shop, 511 W. 181st st	406
Brown, William, 61 Landscape ave., Yonkers; shop, 259th st. and Riverdale ave.	239
Brutsche, Fred H., 571 Eagle ave.; shop, 571 Eagle ave	4
Buser, Fred A., 1319 Taylor ave.; shop, 1126 Walker ave	414
Bush, William L., 857 E. 176th st.; shop, 246 W. 145th st	109
Byrne, Michael D., 321 E. 33rd st.; shop, 321 E. 33rd st	365
Campbell, Alex., 2155 Crotona ave.; shop, 2472 St. Raymonds ave	356
Canavan, Michael J., 102 W. 94th st.; shop, 126 W. 100th st	400
Cantwell, Thomas M., 4263 Park ave.; shop, 1965 Webster ave	201
Carber, Philip, 1426 Unionport rd.; shop, 1442 Williamsbridge rd	335
Cash, Daniel M., 743 E. 220th st.; shop, 221st st. between White Plains and Barnes aves.	3
Cohen, Meyer J., 341 E. 118th st.; shop, 341 E. 118th st	330
Collins, John F., 7 Bell pl., Yonkers; shop, Mosholu and Newton aves	264
Conlan, Joseph E., 3050 Perry ave.; shop, 2740 Third ave	235

Name, Residence and Shop.	Reg. No.
Connell, Thomas, 2882 Middletown rd.; shop, 96 Westchester square	410
Cook, George H., Jr., 887 Freeman st.; shop, 887 Freeman st	21
Cook, William J., 1862 Wallace ave.; shop, 1862 Wallace ave	34
Cooley, John D., 117 E. 118th st.; shop, 1657 Lexington ave	407
Coughlin, Frank J., 384 E. 193rd st.; shop, 2470 Webster ave	322
Crohn, Harry, 2020 Washington ave.; shop, 1857 Washington ave	62
Cunneen, Daniel C., 60 Franklin ave., New Rochelle; shop, 971 E. 180th st	172
Daly, Michael J., 940 Teller ave.; shop, 1309 Teller ave	12
Daly, Thomas J., 361 E. 188th st.; shop, 1808 Amsterdam ave	128
Damm, John H., 821 E. 226th st.; shop, 301 W. 133rd st	334
Darmetadt, Chas. H., 188 St. Nicholas ave.; shop, 352 W. 43rd st	382
David, Alfred, 661 E. 158th st.; shop, 865 Cauldwell ave	126
Deady, Daniel J., 797 Home st., shop, 797 Home st	251
Deichsel, Albert F., 104 E. 177th st.; shop, 584 E. 169th st	244
Deigan, David, 1439 University ave.; shop, 126 W. 100th st	228
De Lacey, Thomas, 353 Myrtle ave., Brooklyn; shop, 343 W. 38th st	428
Delaney, Dennis L., 2062 Ryer ave.; shop, 32 W. Fordham rd	76
Delany, John M., 603 E. 169th st.; shop, 1311 Washington ave	164
Dellon, George, 147 Dumont st., Brooklyn; shop, 147 Dumont st., Brooklyn	384
De Voe, Harkness B., 109 W. 83rd st.; shop, 109 W. 83rd st	348
Donahue, John J., 2890 Bailey ave.; shop, W. 232nd st. and Broadway	138
Donohue, John H., 1335 Washington ave.; shop, 1335 Washington ave	129
Duggan, William O., 1346 Plimpton ave.; shop, 102 E. 90th st	290
Dunlop, Andrew, 480 E. 138th st.; shop, 455 E. 138th st	93
Dunn, John J., 152 E. 97th st.; shop, 3648 Holland ave	338
Durand, Fred, 132 Alexander ave.; shop, 129 Alexander ave	252
Ebert, John, 135 E. 114th st.; shop, 1482 Southern Boulevard	73
Ebner, Woodward F., 754 Oakland pl.; shop, 708 E. 180th st	422
Edelman, Isidor M., 54 W. 116th st.; shop, 260 Lenox ave	436
Eich, Edward L., 768 165th st.; shop, 768 E. 165th st	105
Ellis, Samuel, 316 E. 92nd st.; shop, 203 W. 61st st	68
Enell, Paul, 465 W. 157th st.; shop, 911 Amsterdam ave	435
Engel, Frank M. (Bligh & Engel, Inc.), 34th st. and Queens ave., Flushing; shop, 416 Fourth ave	265
Engeldrum, George P., 797 Jennings st.; shop, 797 Jennings st	253
Fajans, Julius, 411 E. 157th st.; shop, 650 Melrose ave	11
Fallon, John, 229 W. 142nd st.; shop, 13 Greenwich st	413
Fay, Martin F., 4436 Richardson ave.; shop, 957 E. 172nd st	18
Fehlinger, Jacob, 1240 Hoe ave.; shop, 213½ Sixth st	393
Feinholz, Fred W., 33 Convent ave.; shop, 301 W. 127th st	287
Ferkin, David S., 824 E. 226th st.; shop, 3989 White Plains rd	40
Finegan, James H., 1070 Tiffany st.; shop, 1070 Tiffany st	217
Fishko, Abraham, 166 Scholes st., Brooklyn; shop, 116 E. 7th st	312
Flach, Thomas, 779 E. 161st st.; shop, 779 E. 161st st	98
Flanagan, Thomas J., 965 Stebbins ave., shop, 707 Union ave	144
Flynn, William J., 11 E. 167th st.; shop, 11 E. 167th st	297
Foley, John J., 1329 Plimpton ave.; shop, 1329 Plimpton ave	390
Forster, Samuel, 3758 Third ave.; shop, 3758 Third ave	402
Foster, George W., 1729 Park ave.; shop, 1729 Park ave	351
Fox, John, 261 E. 201st st.; shop, 3623 Third ave	289
Fox, Michael, 1819 Sedgwick ave.; shop, 2829 Eighth ave	294
Fox, Sigmund, 739 E. 152nd st.; shop, 727 Tinton ave	424
Fox, Thomas F., 1465 Hoe ave.; shop, 939 Jennings st	250
Francis, William H., Jr., 365 E. 156th st.; shop, 365 E. 156th st	347
Frederick, Oscar, 1171 Ogden ave.; shop, 1171 Ogden ave	84
Frenz, Gustav F., 1854 Park ave.; shop, 1854 Park ave	163
Fresenius, Theo. C., 145 E. 149th st.; shop, 700 Sheridan ave	30
Frisse, Louis, 416 Stuyvesant ave., Brooklyn; 669 Bushwick ave., Brooklyn	339
Fusco, Frederick, 333 E. 152nd st.; shop, 652 Morris ave	22
Gallagher, James J., 2567 Poplar st.; shop, 2567 Poplar st	421
Garvey, Michael, 4240 Verio ave.; shop, 4240 Verio ave	152
Gauss, Frederick, 89 Horton st., City Island; shop, 89 Horton st., City Island	116
Gibson, George E., 17 Cooley pl., Mt. Vernon; shop, 49 E. 21st st	248
Glashow, Lewis, 351 W. 141st st.; shop, 130 Hamilton pl	131
Glass, Samuel, 464 E. 145th st.; shop, 463 E. 149th st	337
Gleason, C. J., 463 Cyrus pl.; shop, 541 E. 184th st	420
Gluckman, Albert, 73 E. 101st st.; shop, 503 W. 45th st	417
Glynn, James J., 2006 Bathgate ave.; shop, 2006 Bathgate ave	305
Goddard, Charles F., 393 City Island ave.; shop, 393 City Island ave	156
Godwin, John T., 452 E. 143rd st.; shop, 437 E. 156th st	231
Gold, Leon, 492 E. 141st st.; shop, 263 W. 125th st	278
Goldreyer, Tully, 782 Forest ave.; shop, 782 Forest ave	234
Goldstein, Barney, 1243 Thirty-sixth st., Brooklyn; shop, 68 Second ave	391
Gorcey, Samuel, 1485 Park ave.; shop, 229 E. 83rd st	357
Gorman, Thomas J., 39 W. 129th st.; shop, 2324 Seventh ave	364
Grabedunkel George, 311 Willis ave.; shop, 311 Willis ave	134
Grassmuck, Joseph, 1326 Chisholm st.; shop, 125 St. Anns ave	249
Gray, William H., 492 E. 162nd st.; shop, 1416 Longfellow ave	167
Grazier, Philip, 747 E. 133rd st.; shop, 550 E. 134th st	267
Greenberg, Michael, 119 Essex st.; shop, 167 E. 37th st	350
Grieser, Philip, 320 E. 85th st.; shop, 629 Amsterdam ave	318
Gross, Louis E., 1242 Intervale ave.; shop, 860 E. 169th st	50
Grossmann, Julius, 1526 St. Lawrence ave.; shop, 1526 St. Lawrence ave	6
Guerr, Louis, 762 Dawson st.; shop, 168 Willis ave	180
Gulde, John H., 282 E. 162nd st.; shop, 955 Morris ave	139
Gunset, Louis E., 2259 Ryer ave.; shop, 2259 Ryer ave	91
Gustaveson, Harry, 599 Courtlandt ave; shop, 396 E. 198th st	324
Guttman, Nathan, 1047 Tiffany st.; shop, 247 E. 28th st	432
Haas, John J., 726 E. 152nd st.; shop, 726 E. 152nd st	404
Habeck, Frank, 2479 Elm pl.; shop, 2479 Elm pl	38
Haft, Nathan, 543 E. 137th st.; shop, 213 St. Anns ave	392
Haggerty, Samuel, 357 E. 180th st.; shop, 937 Freeman st	238
Hahn, John A., 103 Thirteenth st., College Point; shop, 103 Thirteenth st., College Point	233
Halpin, James F., 643 E. 170th st.; shop, 1 Cottage pl	227
Hamill, John H., 3086 Hull ave.; shop, 3086 Hull ave	276
Hanft, Alwyn A., 125 E. 87th st.; shop, 100 E. 87th st	147
Harbater, Jacob H., 54 E. 115th st.; shop, 889 Freeman st	119
Hardardt, Joseph, 404 E. 141st st.; shop, 404 E. 141st st	170
Harry, John E., 55 Ninth ave., Queens; shops, 371 E. 159th st. and 55 Ninth ave., Queens	403
Hastings, Edmund J., 2532 Emmett st.; shop, 2532 Emmett st	331
Hastings, James Jos., 2421 Southern Boulevard; shop, 2421 Southern Boulevard	215
Haugh, Frederick, 1411 Taylor ave.; shop, 1411 Taylor ave	203
Healy, John J., 754 Tiffany st.; shop, 754 Tiffany st	100
Hearn, William J., 142 S. 7th ave., Mt. Vernon; shop, 669 243d st	136
Heatley, John, 517 W. 159th st.; shop, 81 E. 125th st	63
Heffelmeyer, William, 321 E. 72nd st.; shop, 465 Columbus ave	57
Helfrich, George, 1210 Havemeyer ave.; shop, 1210 Havemeyer ave	367
Henderson, Allan. 957 Teller ave.; shop, 933 Teller ave	427
Henrich, Michael W., 391 E. 158th st.; shops, 303 E. 140th st. and 628 Morris ave.	430
Herbst, George W., 2006 Honeywell ave.; shop, 881 Tremont ave	236
Hlawatsch, Joseph, 967 Sherman ave.; shop, 883 Tinton ave	42
Hlawatsch, Leo, 881 Tinton ave.; shop, 881 Tinton ave	71
Hoffman, George, 2059 Westchester ave.; shop. 2059 Westchester ave	411
Hoffman, Simon, 310 E. 56th st.; shop, 1072 Second ave	208
Hoffman, William, 1681 Madison ave.; shop, 1681 Madison ave	143
Hogan, James F., New Hampton, N. Y.; shop, 1965 Hughes ave	37
Horwitz, Samuel, 1561 Fulton ave.; shop, 543 Claremont Parkway	207
Hoyt, Charles E., 791 Jackson ave.; shop, 741 Forest ave	154
Huke, Edward, 32 North st.; shop, 2016 Jerome ave	246
Hunter, James, 509 E. 84th st.; shop, 1250 Lexington ave	373
Hurley, Edward, 85 W. 181st st.; shop, 85 W. 181st st	437

Name, Residence and Shop.	Reg. No.
Ilchert, Charles F., 361 E. 159th st.; shop, 581 E. 161st st	160
Ippoloto, Louis, 1670 Cruger ave.; shop, 1717 Unionport rd	166
Isaacs, Morris, 1800 Amethyst st.; shop, 1800 Amethyst st	5
Isseks, Jacob, 351 Bristol st., Brooklyn; shop, 929 E. 165th st	255
Jackson, Robert, 706 Morris Park ave.; shop, 706 Morris Park ave	104
Jacobs, Osmer S., 410 E. 135th st.; shop, 375 East Fordham rd	425
Jacoby, Robert, 1218 Boston rd.; shop, 1632 Park ave	386
Jaffe, Harry, 128 St. Anns ave.; shop, 153 St. Anns ave	61
Jarcho, Louis H., 1552 Hoe ave.; shop, 1482 Southern Boulevard	72
Jarcho, Morris, 50 W. 111th st., shop, 22 E. 105th st	416
Jarossi, Michael, 1355 McCombs rd.; shop, 2300 Adams pl	66
Jasper, Joseph H., 2034 Morris ave.; shop, 108 E. 126th st	146
Jiannotto, Jos. J., 6318 Fourteenth ave.; shop, 1424 Sixty-fourth st., Brooklyn	92
Jung, George, 3328 Barker ave ; shop, 3924 Park ave	14
Jurss, Frederick, 1840 Crotona ave.; shop, 1840 Crotona ave	46
Kaplan, Benjamin, 1478 Bryant ave.; shop, 1478 Bryant ave	222
Kaplan, Julius, 1447 Bryant ave.; shops, 73 E. 105th st. and 881 E. 179th st	372
Karus, Henry W., 2007 Daly ave.; shop, 2007 Daly ave	216
Kaufer, Theodore, 500 Southern Boulevard; shop, 500 Southern Boulevard	187
Kearney, Thomas J., 1250 Beach ave.; shop, 1250 Beach ave	304
Kearns, Chas. A., 22 East Kingsbridge rd.; shop, 369 E. 123rd st	309
Keesing, Roland J., 1049 Bryant ave.; shop, 1049 Bryant ave	336
Kelly, John, 1033 College ave.; shop, 1033 College ave	210
Kelly, John J., 1377 Clay ave.; shop, 1147 Webster ave	101
Kenaley, Wm. H., 2305 Bathgate ave.; shop, 4770 Third ave	41
Kensler, Cornelius A., 2049 Bronx st.; shop, 2049 Bronx st	85
Kiernan, Philip C., 525 Seventy-fourth st., Brooklyn; shop, 405 Forty-fifth st	224
Kiernan, William J., 7212 Eighteenth ave., Brooklyn; shop, 70 Wall st	354
Kirchhof, Charles W., 536 E. 89th st.; shop, 1004 Jackson ave	190
Klein, Samuel, 24 E. 109th st.; shop, 677 Lenox ave	398
Klein, Simon, 714 E. 180th st.; shop, 2070 Clinton ave	259
Kleinfeld, Louis, 1647 Washington ave.; shop, 103 Third ave	376
Kleinfelder, Richard, 457 E. 185th st.; shop, 457 E. 185th st	285
Klett, Martin, 3709 Paulding ave.; shop, 463 E. 148th st	205
Kling, Charles, 1407 Oakley st.; shop, 1407 Oakley st	241
Kling, J. Henry, 155 E. 52nd st.; shop, 163 E. 52nd st	341
Knaus, George A., 2973 Decatur ave.; shop, 690 Melrose ave	169
Knewitz, John J., 3424 Olinville ave.; shop. 3469 White Plains ave	17
Knopf, George G., 1013 Simpson st.; shop, 305 W. 47th st	369
Koelble, George P., 1001 Washington ave.; shop, 516 Morris ave	313
Koenig, Charles C., 2167 Gleason ave.; shop, 2167 Gleason ave	87
Kohle, Robert, 908 Kelly st.; shop, 1200 Intervale ave	394
Konig, Max, 1508 Brook ave.; shop, 334 E. 86th st	151
Koop, John F., 464 E. 141st st.; shop, 1469 Amsterdam ave	306
Kormann, John, 1029 Seneca ave., Queens; shop, 164 Avenue A	254
Kramer, Charles, 957 Rogers pl.; shop, 500 E. 166th st	74
Kraus, Maurice, 1047 Teller ave.; shop, 1443 Boston rd	20
Kramer, Abraham P., 448 E. 137th st.; shop, 498 E. 138th st	54
Kroepke, Henry, 601 E. 139th st.; shop, 368 Willis ave	434
Kroepke, William, 383 College ave.; shop, 284 E. 143rd st	230
Kuhn, John J., 968 Anderson ave.; shop, 184 E. 123rd st	115
Kuver, Henry C., 1968 Hughes ave.; shop, 1968 Hughes ave	47
Lalor, Joseph R., 352 E. 119th st.; shop, 1934 Lexington ave	399
Lavender, Jacob, 979 E. 163rd st.; shop, 960 E. 163rd st	15
Law, Alexander, 3986 Carpenter ave.; shop, 3986 Carpenter ave	261
Lawson, John S., 400 E. 141st st.; shop, 223 Alexander ave	242
Leckler, Frank A., 1515 Williamsbridge rd.; shop, 1515 Williamsbridge rd	83
Lehr, Harry, 311 W. 111th st.; shop, 696 Columbus ave	176
Leier, George, 4608 Garden pl., Wakefield; shop, 4608 Garden pl., Wakefield	258
Leon, Louis, 2442 Prospect ave.; shop, 4361 Third ave	19
Levett, Jacob, 453 W. 124th st.; shop, 53 W. 106th st	232
Levinson, David, Peekskill, N. Y.; shop, 1362 Boston rd	142
Levinson, Jacob, 769 Jennings st.; shop, 769 Jennings st	114
Lewis, Herbert, 447 E. 83rd st.; shop, 451 E. 80th st	317
Lichtenberger, Harry, 432 E. 89th st.; shop, 404 E. 88th st	423
Lipes, Nathan, 536 W. 125th st.; shop, 536 W. 135th st	67
Lippincott, George H., 1047 Ogden ave.; shop, 1049 Nelson ave	286
Litvin, Harry M., 1599 Bathgate ave.; shop, 1599 Bathgate ave	260
Litvin, Michael, 1599 Bathgate ave.; shop, 4175 Third ave	211
Lloyd, Edward, 1213 Southern Boulevard; shop, 1213 Southern Boulevard	111
Loewe, Adolph, 343 E. 119th st.; shop, 304 E. 116th st	123
Lord, John E., 423 E. 160th st.; shop, 470 E. 159th st	296
Lorde, Irving, 203 Pennsylvania ave.; shop, 203 Pennsylvania ave	429
Ludins, Leo, 164 St. Nicholas ave.; shop, 453 E. 160th st	346
Lyttle, Samuel, 1224 Hoe ave.; shop, 934 Freeman st	13
Madden, John T., 421 E. 141st st.; shop, 400 E. 140th st	133
Magaldi, Emilio, 3608 Bronxwood ave.; shop, 3669 White Plains ave	226
Mahony, Edward P., 58 W. 182nd st.; shop, 58 W. 182nd st	141
Maier, John, 845 E. 225th st.; shop, 449 Willis ave	191
Maistelman, Anton, 493 Jersey st., New Brighton; shop, 493 Jersey st., New Brighton	193
Maliphant, Edward, 228 E. Tremont ave.; shop, 267 E. Tremont ave	204
Malloy, James A., 172 Ditmer st.; shop, 323 City Island ave	82
Manns, George W., 4643 Bronx Boulevard; shop, 184 W. 101st st	295
Manz, Philip, 565 W. 181st st.; shop, 561 W. 181st st	397
Marcus, Max, 1665 Weeks ave.; shop, 505 E. 171st st	97
Markel, Harry, 705 E. 6th st.; shop, 711 E. 6th st	268
Marraffino, Michael, 107 Mt. Vernon ave., Mt. Vernon; shop, 315 E. 148th st	223
Marschack, David, 458 Brook ave.; shop, 549 E. 139th st	178
Marschack, Israel, 362 Cypress ave.; shop, 549 E. 139th st	179
Marsh, Robert, 219 W. 111th st.; shop, 478 Grand st	418
Martin, Daniel, 762 E. 219th st.; shop, 3469 White Plains ave	271
Martinez, Louis, 897 Union ave.; shop, 897 Union ave	293
Mendelsohn, Abraham N., 820 W. 180th st.; shop, 276 W. 143rd st	361
Mendelsohn, Jacob, 611 Westchester ave.; shop, 611 Westchester ave	225
Meyenberg, Anthony L., 1893 McGraw ave.; shop, 1893 McGraw ave	45
Michel, Louis, 2193 Washington ave.; shop, 2193 Washington ave	281
Michelsohn, Meyer, 1640 Grand Blvd. and Concourse; shop, 496 Claremont Pkwy.	333
Mildner, Emil, 740 E. 178th st.; shop, 525 E. 12th st	94
Millinger, Benjamin, 124 W. 115th st.; shop, 1774 Second ave	162
Minskoff, Sam, 891 Fox st.; shop, 927 E. 163rd st	319
Mitchell, Patrick J., 16 First st., Yonkers; shop, 391 E. 149th st	89
Morell, George P., 1632 University ave.; shop, Brandt pl. and Nelson ave	344
Morrison, David E., 161 W. 94th st.; shop, 15 E. 13th st	311
Morse, Harry I., 915 Brook ave.; shop, 915 Brook ave	148
Moskowitz, Benjamin, 1627 Avenue A; shop, 1627 Avenue A	314
Mufson, Morris, 1260 Clay ave.; shop, 115 Norfolk st	371
Mularkey, Martin, 832 Whitlock ave.; shop, 927 Southern Boulevard	59
Muller, Charles, 2076 Edenwald ave.; shop, 1114 Garrison ave	175
Muller, Jacob P., 408 E. 146th st.; shop, 408 E. 146th st	122
Mulligan, James A., 441 Burke ave.; shop, 441 Burke ave	360
McBride, Thomas, 3482 Ft. Independence st.; shop, 3481 Cannon pl	387
McCann, Lawrence G., 2151 Washington ave.; shop, 2151 Washington ave	316
McCreery, John A., 228 E. 202nd st.; shop, 2860 Webster ave	282
McDermott, John J., 1922 E. 177th st.; shop, 1922 E. 177th st	326
McFadden, Daniel, 875 Elton ave.; shop, 875 Elton ave	183
McGill, Harry, 107 W. 68th st.; shop, 401-3 W. 59th st	184
McGill, John J., 1219 Wheeler ave.; shop, 980 Freeman st	49
McGuire, Patrick Jos., 2311 Westchester ave.; shop, 2311 Westchester ave	299
McKeon, John F., 185 E. 64th st.; shop, 882 Lexington ave	195
McKeon, Thomas, S. W. Corner 170th st. and Teller ave.; shop, 882 Lexington ave	194
McKiernan, James F., 1360 Inwood ave.; shop, 1360 Inwood ave	64
McLaughlin, Peter James, 32 W. 65th st.; shop, 396 E. 198th st	2

Name, Residence and Shop.	Reg. No.
McMurray, Alexander, 1951 Amsterdam ave.; shop, 1949 Amsterdam ave.	270
Naef, Louis A., 493 E. 166th st.; shop, 763 St. Anns ave.	327
Napoleon, Louis, 948 Kelly st.; shop, 1014 Tiffany st.	197
Nemirowsky, Julius, 157 E. 103rd st.; shop, 157 E. 103rd st.	35
Neuberger, Frank J., 321 Concord ave.; shop, 321 E. 125th st.	33
Neumann, Henry A., 115 Urban st., Mt. Vernon; shop, 211 E. 38th st.	161
O'Brien, John A., 727 Prospect ave.; shop, 727 Prospect ave.	243
O'Brien, Joseph W., 94 Perry st.; shop, 394 Bleecker st.	388
O'Brien, Thomas J., 4 Lincoln st., Yonkers; shop, 4626 Richardson ave.	245
O'Connell, John F., 1107 Hoe ave.; shop, 1047 West Farms rd.	300
O'Connor, Edward J., 1876 Cedar ave.; shop, 1838 Cedar ave.	352
O'Connor, William J., 1739 Popham ave.; shop, 1739 Popham ave.	28
Opferkuch, John, 1073 Washington ave.; shop, 1073 Washington ave.	135
Ozab, Otto, 505 Kimball ave., Yonkers; shop, 3271 Third ave.	88
Palazzo, Domenick, 2362 First ave.; shop, 307 E. 110th st.	412
Panzera, Joseph, 168 E. 206th st.; shop, 168 E. 206th st.	113
Peetluk, Ellis W., 1683 Washington ave.; shop, 1683 Washington ave.	36
Perlmutter, Harry, 1565 First ave.; shop, 355 E. 81st st.	415
Peterson, Daniel F., 569 Eagle ave.; shop, 569 Eagle ave.	112
Pfeiffer, Eugene, 1263 Jerome ave.; shop, 1263 Jerome ave.	359
Piper, Ernest, 148 Westervelt ave., New Brighton; shop, 1547 Southern Boulevard	157
Polatschek, Kaufman C., 938 St. Nicholas ave.; shop, 627 Wales ave.	206
Polonsky, Heyman, 35 Orchard st.; shop, 301 W. 26th st.	431
Polzella, Anthony, 512 Courtlandt ave.; shop, 512 Courtlandt ave.	16
Portman, Jacob, 67 St. Nicholas ave.; shop, 161 E. 110th st.	358
Poshutman, Aron, 59 Jefferson st.; shop, 59 Jefferson st.	192
Powers, David E., 29 Adrian ave.; shop, 5211 Broadway.	168
Rabe, Paul, 1226 Southern Boulevard; shop, 1226 Southern Boulevard.	291
Rahm, George, 439 E. 183rd st.; shop, 721 Melrose ave.	90
Rahm, Joseph, 784 Kelly st.; shop, 974 Longwood ave.	383
Rathman, Samuel, 492 E. 141st st; shop, 342 Brook ave.	301
Regon, William, 2113 Lexington ave.; shop, 2113 Lexington ave.	218
Reid, James B., 18 Abingdon Square; shop, 160 E. 129th st.	99
Renehan, Bernard, 367 E. 62nd st.; shop, 367 E. 62nd st.	185
Rice, Joseph, 2191 Ryer ave.; shop, 2191 Ryer ave.	321
Richman, John, 2031 Monterey ave.; shop, 1679 Southern Boulevard.	174
Richman, William, 814 E. 160th st.; shop, 793 Intervale ave.	186
Riederich, Robert, 70 Foxall st., Ridgewood; shop, 128 W. 124th st.	302
Riehm, Fred J., 1132 Tinton ave.; shop, 1162 Boston rd.	277
Rod, Barnet W., 821 Manida st.; shop, 700 E. 161st st.	308
Rodman, Frank H., 317 W. 99th st.; shop, 263 E. 133rd st.	209
Roesner, Nicholas J., 1445 University ave.; shop, 1445 University ave.	60
Rosenberger, Melvin, 117 W. 141st st.; shop, 2209 Seventh ave.	127
Roth, Morris, 750 Cauldwell ave.; shop, 2375 Second ave.	332
Rowen, Joseph W., 1360 Teller ave.; shop, 3114 Third ave.	237
Rudolph, Henry, 602 Bergen ave.; shop, 602 Bergen ave.	329
Rueckel, George, 869 Havemeyer ave.; shop, 869 Havemeyer ave.	405
Russell, Herman, 835 E. 152nd st.; shop, 835 E. 152nd st.	140
Ryan, John J., 2176 Arthur ave.; shop, 588 Oak Tree pl.	366
Salovin, Morris, 2967 Webster ave.; shop, 2967 Webster ave.	389
Salzmann, Henry J., 2383 Walton ave.; shop, 3480 Third ave.	188
Satlow, Samuel, 109 Broome st.; shop, 109 Broome st.	385
Saucke, Herman, 368 E. 145th st.; shop, 379 E. 145th st.	31
Scavalone, Augustine, 2076 Lexington ave.; shop, 861 Freeman st.	362
Schaefer, Herman, 2117 Daly ave.; shop, 912 E. 180th st.	240
Schaub, John J., 2327 Washington ave.; shop, 2327 Washington ave.	266
Schleichkorn, Henry, 1354 Washington ave.; shop, 1070 Washington ave.	120
Schmalstich, Fred, 806 E. 180th st.; shop, 806 E. 180th st.	107
Schmidt, George, 817 Eagle ave.; shop, 703 E. 156th st.	24
Schmitt, Charles, 431 E. 154th st.; shop, 431 E. 154th st.	56
Schmitt, Henry, 626 E. 135th st.; shop, 194 Southern Boulevard.	198
Schneider, Albert, 638 E. 222nd st.; shop, 717 E. 215th st.	96
Schneider, Joseph, 339 E. 155th st.; shop, 339 E. 155th st.	8
Schneiderman, David, 915 Elsmere pl.; shop, 1937 Southern Boulevard.	269
Schroeder, Henry C., 15 E. 199th st.; shop, 55 E. 196th st.	124
Schroeder, John, 678 E. 134th st.; shop, 721 E. 227th st.	44
Schultheis, David H., 575 E. 161st st.; shop, 667 E. 161st st.	345
Schwarz, Samuel, 437 E. 85th st.; shop, 311 Willis ave.	363
Schres, Abraham, 1789 Fulton ave.; shop, 1789 Fulton ave.	69
Schwab, Emil, 1388 Taller ave.; shop, 3589 Third ave.	377
Schwarzler, Otto, 1882 Grand Boulevard and Concourse; shop, 1100 Brook ave.	86
Schwartz, Isador W., 1340 Wilkins ave.; shop, 1308 Southern Boulevard.	51
Schwartz, John, 939 Jackson ave.; shop, 1111 Southern Boulevard.	53
Schweickert, Peter, 648 E. 220th st.; shop, 646 E. 220th st.	283
Schweickert, Peter, Jr., 632 E. 220th st.; shop, 646 E. 220th st.	284
Schweppenhauser, John, 2424 Davidson ave.; shop, 2410 Jerome ave.	102
Seelig, John, 888 Forest ave.; shop, 3166 Third ave.	288
Seitz, William, 1134 Fox st.; shop, 1021 Fox st.	81
Sellner, Charles L., 2411 St. Raymond ave.; shop, 2411 St. Raymond ave.	181
Shanske, Joseph, 1973 Vyse ave.; shops, 965 Morris ave., 305 W. 127th st.	307
Shapiro, Louis, 451 E. 86th st.; shop, 451 E. 86th st.	303
Sharp, John A., 1017 Woodycrest ave.; shop, 528 W. 146th st.	381
Sheehan, John J., 774 E. 168th st.; shop, 887 Freeman st.	52
Simmons, George W., 1061 St. Nicholas ave.; shop, 45 E. 17th st.	48
Smith, Edward T., 871 E. 180th st.; shop, 875 E. 165th st.	118
Smith, James B., 1153 Intervale ave.; shop, 1153 Intervale ave.	26
Smith, Owen L., 556 W. 165th st.; shop, 413 E. 169th st.	200
Snyder, Samuel L., 1054 Lowell st.; shop, 248 W. 41st st.	433
Sookey, Charles, 1099 Washington ave.; shop, 1097 Washington ave.	58
Spencer, John, 3465 Bronx Boulevard; shop, 3465 Bronx Boulevard.	108
Squittieri, Nicholas C., 2228 First ave.; shop, 2230 First ave.	320
Stadler, Henry A., 437 Beach ave.; shop, 437 Beach ave.	219
Standler, Isidor, 827 Home st.; shop, 827 Home st.	145
Steele, George, 282 Alexander ave.; shop, 282 Alexander ave.	189
Steele, John J., 441 E. 140th st.; shop, 2618 Third ave.	292
Steiger, Ferd., Jr., 1743 Topping ave.; shop, 4187 Park ave.	213
Steiger, William, 413 E. 162nd st.; shop, 875 Brook ave.	355
Steiner, George, 307 E. 83rd st.; shop, 307 E. 83rd st.	426
Steurer, John, 1194 Clay ave.; shop, 3232 Broadway.	349
Stoll, Charles J., 552 W. 186th st.; shop, 325 Audubon ave.	340
Streit, Andrew, 436 Brook ave.; shop, 2027 Second ave.	220
Stuart, Charles, 548 Franklin ave., Brooklyn; shop, 1023 Lexington ave.	155
Sullivan, Joseph F., 361 E. 188th st.; shop, 2514 Webster ave.	9
Susemihl, Albert, 2414 University pl.; shop, 136 W. 49th st.	279
Swanson, Andrew J., 1116 Swinton st.; shop, 1116 Swinton st.	103
Tarantino, Joseph P., 3246 Corlear ave.; shop, 3246 Corlear ave.	149
Tessler, Joseph, 863 Southern Boulevard; shop, 863 Southern Boulevard.	395
Theiss, Joseph A., 2417 Valentine ave.; shop, 584 E. 169th st.	323
Thompson, William D., 717 E. 215th st.; shop, 717 E. 215th st.	95
Trainor, Samuel G., 27 Buchanan pl.; shop, 27 Buchanan pl.	55
Tully, Patrick, 1473 Longfellow ave.; shop, 447 E. 180th st.	32
Udow, Aaron, 316 E. 49th st.; shop, 316 E. 49th st.	379
Uhl, Frederick, 2069 Quimby ave.; shop, 2069 Quimby ave.	221
Valentine, William A., 2487 Davidson ave.; shop, 313 East Kingsbridge rd.	378
Vermilye, Edward L., 1117 Park pl., Brooklyn; shop, 1117 Park pl., Brooklyn.	401
Volkmar, Henry G., 4470 Purdy ave.; shop, 1994 Webster ave.	125
Weber, Frederick, 309 Vernon pl., Mt. Vernon; shop, 830 Courtlandt ave.	353
Weber, Louis G., 775 Union ave.; shop, 1917 Seventh ave.	375
Wehler, Frank, 1745 Bathgate ave.; shop, 491 E. 174th st.	368
Weinseimer, Philip C., 54 Maolis ave., Bloomfield, N. J.; shop, 3759 Broadway.	20
Welch, Jarrard L., 3516 DeKalb ave., Brooklyn; shop, 3516 DeKalb ave., Brooklyn	328
Weisse, Fred C., 49 Adrian ave.; shop, 49 Adrian ave.	212
Weithorn, Hyman, 50 E. 112th st.; shop, 50 E. 112th st.	263
Welch, Stephen H., 2088 Arthur ave.; shop, 1874 Washington ave.	80
Wendel, Max, 422 E. 17th st.; shop, 473 E. 146th st.	110
Whalen, Patrick E., 2068 Newbold ave.; shop, 971 E. 180th st.	79
Whealen, Charles, 3234 Decatur ave.; shop, 607 E. 169th st.	247
Whelan, James, 3131 Bailey ave.; shops, 102 W. 96th st. and 3131 Bailey ave.	75
White, Walter J., 2123 Blackrock ave.; shop, 2123 Blackrock ave.	273
Widder, Fred, 1759 Mt. Hope ave.; shop, 1785 Mt. Hope ave.	370
Wilcox, Walter, 926 E. 178th st.; shop, 926 E. 178th st.	214
Wilson, William, 343 E. 195th st.; shop, 2597 Webster ave.	315
Winters, William, 253rd st. and Mosholu ave.; shop, 355 Crimmins ave.	343
Wismann, Charles, 335 Second ave.; shop, 761 E. 161st st.	202
Withers, Robert A., 889 Faile st.; shop, 992 Southern Boulevard.	153
Wolf, George J., 3109 Sedgwick ave.; shop, 143 Brook ave.	342
Wolfson, Jacob, 198-200 Brook ave.; shop, 199 Brook ave.	196
Wollman, Samuel, 481 E. 171st st.; shop, 1526 Washington ave.	77
Youchnow, Sigmund, 1258 Brook ave.; shop, 219 W. 145th st.	310
Young, William, 217 W. 13th st.; shop, 217 W. 13th st.	159
Zendler, Christie, 1488 Amsterdam ave.; shop, 45 Manhattan st.	177
Zobelt, Richard, 2231 Adams pl.; shop, 2231 Adams pl.	298
Additional List.	
Brown, Aladar, 1295 Fulton ave.; shop, 1340 Second ave.	449
Cisler, Joseph J., 1483 Second ave.; shop, 1483 Second ave.	453
Ehrich, William, 121 St. Marks pl.; shop, 210 E. 74th st.	444
Evertson, Asmus D., 318 S. 3rd ave., Mt. Vernon; shop, 389 E. 141st st.	454
Farrell, Edward J., 919 Trinity ave.; shop, 919 Trinity ave.	439
Feuerstein, Edward, 26 Avenue D; shop, 26 Avenue D.	456
Hopkins, Frank D., 865 Columbus ave.; shop, 272 W. 154th st.	438
Kuehn, Emil, 755 Kelly st.; shop, 753 Union ave.	447
McBain, William, 1816 Gleason ave.; shop, 1816 Gleason ave.	450
Phillips, Cornelius J., 234 W. 137th st.; shop, 234 W. 127th st.	446
Richman, Samuel, 800 Jennings st.; shop, 800 Jennings st.	442
Senzon, Philip, 220 E. 107th st.; shop, 1699 Lexington ave.	443
Schapierer, Abraham, 515 W. 145th st.; shop, 3624 Broadway.	445
Schweppenhauser, George, 2417 Jerome ave.; shop, 2417 Jerome ave.	448
Smith, Louis R., 55 E. 117th st.; shop, 19 E. 116th st.	452
Scarpelli, Michael, 308 E. 115th st.; shop, 308 E. 115th st.	435
Twomey, Patrick J., 832 Morris Park ave.; shop, 832 Morris Park ave.	441
Thompson, Brainard M., 2183 Washington ave.; shop, 4387 Third ave.	451
Trainor, Samuel G., 27 Buchanan pl.; shop, 27 Buchanan pl.	457
Weil, John, 885 Stebbins ave.; shop, 412 W. 53rd st.	440

Department of Plant and Structures.

Report for Week Ended May 27, 1916.

Vouchers Drawn on Comptroller—Payrolls, $31,661.56; contract, $21,407.43; open market orders, $3,655.83; total, $66,724.82.

Moneys Received—Brooklyn Bridge: Privileges, $4,457.99; tolls, elevated railroad co., $3,880.90; total, $8,338.89. Williamsburg Bridge: Privileges, $65.14. Manhattan Bridge: Privileges, $377.50. Queensboro Bridge: Privileges, $25.04. Bridges, Brooklyn, Queens and Richmond: Privileges, $100. Municipal Garage: Material, labor and storage, 24 cents. Grand total, $8,906.81.

F. J. H. KRACKE, Commissioner.

Board of Water Supply.

Abstract of estimated liabilities incurred and expenditures made during the month of May, 1916:

ESTIMATED LIABILITIES.

Contracts—Registered, $27,600; agreements, $5,000; total, $32,600. Open market orders, $15,442.13; acquisition of property, $7,427.18; miscellaneous, $5,114.28. Grand total, $60,583.59.

EXPENDITURES.

Contracts — Registered, $380,487.92; agreements, $1,074.01; total, $381,561.93. Open market orders, $7,626.67. Miscellaneous: Acquisition of property, $3,118.55; all other miscellaneous, $5,904.80; total, $9,023.35. Pay rolls: Departmental, $81,979.22; special services, $1,249.15; acquisition of property, $2,051.28; total, $85,279.65. Grand total, $483,491.60.

Department of Water Supply, Gas and Electricity.

Report for Week Ended May 6, 1916.

Collections—Bureau of Water Register, all boroughs, $124,565.78.

Contracts Entered Into—Painting three bridges on the Croton Watershed, May 1; Steves, Lacios, Inc.; surety, National Surety Company; estimated cost, $4,493. Filling and grading grounds owned by the City, between Sedgwick ave. and the New York Central and Hudson River Railroad at High Bridge, Bronx; May 3; contractor, Santor Construction Company, Inc.; surety, National Surety Company; $1,200 paid to City. Furnishing, delivering and laying water mains, etc., at Fairmount and Ocean aves., and in Ridgewood pl. and Waverly pl., Richmond; May 3; Joseph Johnson's Sons; surety, Globe Indemnity Company; estimated cost, $6,350.82. Connecting high pressure fire service mains at Shafts 19, 22 and 23 of the City tunnel, Catskill Aqueduct, Manhattan and Brooklyn; May 3; Soraci Contracting Company; surety, National Surety Company; estimated cost, $4,118.54. Connecting distribution system to conduits of Catskill Aqueduct, Brooklyn (Section 2); May 3; Soraci Contracting Company; surety, National Surety Company; estimated cost, $7,196.34. Furnishing, delivering and laying water mains and appurtenances in Sharrotts rd., Meisner ave. and Saw Mill rd., Richmond; May 4; contractor, Knight & De Micco, Inc.; surety, National Surety Company; estimated cost, $23,386.75.

Appointed—Manhattan Office: Lillian R. Bessinger, 175 Jefferson ave., Brooklyn; Stenographer and Typewriter, at $720 per annum; Amos T. Smith, 534 76th st., Brooklyn, Mechanical Engineer, at $2,100 per annum; Peter Radeglia, 401 W. 40th st., Temporary Licensed Fireman, at $3 a day; Thomas J. Miggins, Valhalla, N. Y., team, at $4 a day.

Services Ceased Manhattan Office: Frederick Hahn and George W. Smith, Drivers, with team; Richard Petrocelli, Driver, with horse and wagon. Richmond Office: Harold Michael, Automobile Engineman.

Salaries Increased—Manhattan Office: William E. Rogers, Clerk, $360 to $540 per annum; William F. Lyden, Inspector of Electrical Conductors, from $1,200 to $1,320 per annum.

Retired—Brooklyn Office: William J. Murphy, Stationary Engineer, annuity of $777.55, and Theo. Michelfelder, Laborer, annuity of $456.25, May 1.

Died—Queens Office: James A. Rahl, Inspector of Light and Power.

DELOS F. WILCOX, Deputy and Acting Commissioner.

Report for Week Ended May 13, 1915.

Collections—Bureau of Water Register, all boroughs, $151,501.71.

Contracts Entered Into—Furnishing, delivering, unloading, stacking and storing cast iron pipe, etc., Manhattan and Bronx: (Section 2), May 11, John Fox & Company; surety, U. S. Fidelity & Guaranty Company; estimated cost, $11,000. (Section 3), May 11; A. P. Smith Manufacturing Company; surety, Southern Surety Company; estimated cost, $9,055.80.

Appointed—Manhattan Office, Milton Strack, Essex st., Brooklyn, Clerk, at $300 per annum; Henry L. Stuckhardt, 58 W. 121st st., Stenographer and Typewriter, at $3 per day (temporary).

Services Ceased—William T. Blackwell, Inspector of Lamps and Gas, May 21.

Promoted—Manhattan Office, Laborers, at $2.50 a day: Martin J. Noone, Rocco Agoglia, John F. Yates, John A. Carney, John Dunlay, Francis J. Quinn and W. W. Dwyer, Laborers, at $2.50 a day, to Auto Truck Drivers, at $900 per annum; Arthur J. Brown, Thomas F. Robbins, Edward J. Pyne, Thomas M. Henry, Daniel E. Cole, Augustus B. Cook, John Reed, Coleman S. Townsend, John J. Hanney, Eugene T. Lyon, Michael Wood, James H. Dennis, Thomas J. Doyle, Merritt W. Moseman, Alfred F. Daniel, George W. Hyde, William Rich and Fernando Baltes, to Watershed Inspectors, at $960 per annum.

DELOS F. WILCOX, Deputy and Acting Commissioner.

Report for Week Ended May 20, 1916.

Collections—Bureau of Water Register, all boroughs, $134,770.37.

Contracts Entered Into—Furnishing, delivering, unloading, stacking and storing cast iron pipe, etc., Manhattan and Bronx (Section 4), May 16: Kennedy Valve Manufacturing Company; surety, National Surety Company; estimated cost, $7,087.50. Queens (Section 2), May 20: Maher & Flockhardt; surety, U. S. Fidelity & Guaranty Company; estimated cost, $2,373.20. Queens (Section 3), May 20: A. P. Smith Manufacturing Company;

surety, Aetna Accident and Liability Company; estimated cost, $962.50.

Promoted—Manhattan Office: John W. French, Laborer, to Auto Truck Driver, at $2.50 a day, to $960 per annum.

Services Ceased—Manhattan Office: Maurice Berger, Inspector of Light and Power. Brooklyn Office: George W. Graham, Telephone Operator. Queens Office: Peter Nuhn, Stationary Engineer.

Appointed—Bronx Office: Patrick C. Curry, Davidson ave., Bronx, Stationary Engineer, at $4.50 a day.

Died—Queens Office: Nicholas Clarkin, Inspector of Lamps and Gas.

DELOS F. WILCOX, Deputy and Acting Commissioner.

Changes in Departments, Etc.

DEPARTMENT OF DOCKS AND FERRIES.

Transferred—Laborers, at $2.50 a day: To Department of Parks, Brooklyn, George Felter, May 18; Thomas E. O'Neil, May 27; Thomas F. Sullivan, June 3. To President, Borough of Bronx: John Sweeney and Henry S. Pall, May 29. Henry J. Falkey, Carpenter, at $5 a day, to President, Manhattan.

Retired—John Love, Dock Builder, on annuity of $598.75, June 1.

Services Ceased—William Burdock, Alexander Smith, William C. Osterhaus, Thomas J. Coe, James J. O'Neill, Henry W. Steuck, Samuel Siegel, Haimy Natanson, James A. Cullen, Frederick A. Kenworthy, Fred. Wholenberg and Henry Vienot, Painters, at $4 a day, June 1; Thomas A. McLean and George Oberst, Stokers, at $3 a day, June 2.

Promoted—Herman E. Hoffstadt, from Marine Stoker, at $90 a month, to Marine Engineer, at $1,650 per annum, June 2.

TENEMENT HOUSE DEPARTMENT.

Transferred—Clerks: Stephen H. Eich, 166 Stanhope st., Brooklyn, at $480 per annum, to President, Borough of Manhattan, and salary fixed at $540 per annum; June 1. Charles F. Hauser, Jr., 121 Eckford st., Brooklyn, at $300 per annum, to the Board of Estimate and Apportionment; June 9.

Appointed—June 5: Franklin S. Keller, 1522 Bryant ave., Bronx, Process Server, at $840 per annum. James Quinn, 136 E. 17th st., Manhattan, and David Duff, Oakwood Beach, Staten Island, Inspectors of Tenements, at $1,140 per annum. James E. Devine, 108 Cumberland st., Brooklyn; Louis Breitbach, 101 E. Broadway, Manhattan; James M. Lake, 9250 Fort Hamilton Parkway, Brooklyn, and Edward A. Connors, 178 Kosciusko st., Brooklyn, Clerks, at $300 per annum. Florence I. Janes, 2053 7th ave., Manhattan, Stenographer and Typewriter, at $720 per annum. Typewriting Copyists, at $600 per annum: Margaret Grody, 1035 3d ave., Manhattan, June 5; Celia Witt, 615 Flatbush ave., Brooklyn, June 7.

Services Ceased—Clerks, at $300 per annum: Harry L. Goodman, 2055 Prospect ave., Bronx, June 7, and Michael Russo, 305 E. 150th st., May 3.

BOROUGH OF MANHATTAN.

BUREAU OF BUILDINGS.

Salaries Fixed—Clerks, June 1: James Costigan, at $1,500 per annum; Angelo L. Paterno, at $540 per annum; Philip Lieberman, at $480 per annum.

DEPARTMENT OF PARKS.

MANHATTAN AND RICHMOND.

Appointed—Jacob S. Kaplan, 601 W. 151st st., Forester, at $2,280 per annum, June 6.

Services Ceased—Jackson Marmostein, 14 E. 113th st., and Patrick Duggan, 253 Clinton st., Laborers, June 3; Jacob S. Kaplan, 601 W. 151st st., Entomologist, at $1,800 per annum, June 5.

BOARD OF WATER SUPPLY.

Salaries Fixed—June 1: Assistant Engineers, Richard R. Bradbury, $2,700 per annum; George A. Vollmar, $2,388 per annum; Frederick Glaeser, $2,000 per annum, and Lewis E. Blackman, $1,788 per annum. Clerks: Maurice Solon, $1,650 per annum; John F. Todd, $1,500 per annum; Ernest LeFevre, Timothy J. Murphy. Albert H. Hunter, Francis C. Rosch, Ramon J. Kelly, August L. Ihfeld, David Gottlieb, Isadore Harrison, David K. Ehrman, Carl W. Tideman, and William F. Lindemann, $600 per annum; Henry C. Adams, William J. Brett and John L. Dederick, $580 per annum; Jacob Leicher, $540 per annum.

Appointed—Loron H. Dean, Sundown, Gagekeeper, $5 a month, May 1. Machinists, at $5 a day: Joseph Gray, 391 Court st., Brooklyn, May 13; Eugene H. Mahoney, 252 Kingsland ave., Brooklyn, May 16. Irwin L. Tucker, 2372 Valentine ave., Electrician, temporary, $4.80 a day, May 17; John McKenna, 293 S. 3d st., Brooklyn, Rigger, $4 a day, May 10; Eugene L. Rau, Newburgh, Laborer, $2 a day, May 15. Clerks, at $480 per annum: Richard J. Tivers, 876 Dawson st., May 12; Lewis Brooks, Ashokan, May 24. Charles Wanishka, 523 First ave., Machinist's Helper, $3 a day, May 26; William C. Martin, 630 E. 170th st., Rodman, $960 a year, May 31; R. J. Colony, Cooper Union, Consulting Engineer, $3,600 a year, June 1. Watchmen, at $50 per month: James P. Kearney, 21 Audubon ave., June 1; Edward Cunningham, 613 E. 16th st., June 2; Chester A. Crum, 626 Third ave., and Philip J. Lynch, 307 E. 94th st., June 3. Edward J. Colligan, 269 Bainbridge st., Brooklyn, Machinist, $5 a day, June 5.

Transferred—Lawrence J. Hanley, Clerk, May 4, Department of Licenses; William F. Kiernan, Patrolman-on-Aqueduct, April 30, to Department of Correction and title changed to Prisonkeeper; Frank A. Holahan, Rodman, May 16, to Department of Parks, Bronx.

Services Ceased—Frederick J. Hayman, Hoist Operator, May 24; Lawrence M. Duffy, John J. Fitzgerald, Thomas F. Ryan, Frank Winkler, Watchmen, May 31.

Machinists' Helpers—Lester Lawrence, May 31; Charles Wanitshka, June 1.

Died—Michael R. Stack, Inspector of Masonry, May 12.



OFFICIAL DIRECTORY.

Unless otherwise stated, the Public Offices of the City are open for business from 9 a. m. to 5 p. m.; Saturday, 9 a. m. to 12 noon.

CITY OFFICES.

MAYOR'S OFFICE.
City Hall. Telephone, 8020 Cortlandt.
John Purroy Mitchel, Mayor.
Theodore Rousseau, Secretary.
Samuel L. Martin, Executive Secretary.
Bureau of Weights and Measures.
Municipal Building, 3d floor. Telephone, 1498 Worth.
Joseph Hartigan, Commissioner.

COMMISSIONERS OF ACCOUNTS.
Municipal Building. Telephone, 4315 Worth.
Leonard M. Wallstein, Commissioner of Accounts.

BOARD OF ALDERMEN.
Clerk's Office, Municipal Building, 2nd floor. Telephone, 4430 Worth.
P. J. Scully, Clerk.
President of the Board of Aldermen.
City Hall. Telephone, 6770 Cortlandt.
Frank L. Dowling, President.

BOARD OF AMBULANCE SERVICE.
Municipal Building, 10th floor. Ambulance Calls, 3100 Spring. Administration Offices, 748 Worth.

ARMORY BOARD.
Hall of Records. Telephone, 3900 Worth.
C. D. Rhinehart, Secretary.

ART COMMISSION.
City Hall. Telephone, 1197 Cortlandt.
John Quincy Adams, Assistant Secretary.

BOARD OF ASSESSORS.
Municipal Building, 8th floor. Telephone, 29 Worth.
William C. Ormond, Chairman.
St. George B. Tucker, Secretary.

BELLEVUE AND ALLIED HOSPITALS.
26th st. and 1st ave. Telephone, 4400 Madison Square.
Dr. John W. Brannan, President.
J. K. Paulding, Secretary.

CENTRAL PURCHASE COMMITTEE.
Municipal Building, 12th floor. Telephone, 4227 Worth.
———, Director.

BUREAU OF THE CHAMBERLAIN.
Municipal Building, 8th floor. Telephone, 4270 Worth.
Milo R. Maltbie, Chamberlain.

BOARD OF CHILD WELFARE.
City Hall. Telephone, 7541 Cortlandt.
Harry L. Hopkins, Secretary.

CITY CLERK AND CLERK OF THE BOARD OF ALDERMEN.
Municipal Building, 2nd floor. Telephone, 4430 Worth.
P. J. Scully, City Clerk.

BOARD OF CITY RECORD.
Supervisor's office, Municipal Building, 8th floor. Distributing Division, 96 Reade st. Telephone, 3490 Worth.
David Ferguson, Supervisor.

DEPARTMENT OF CORRECTION.
Municipal Building, 24th floor. Telephone, 1610 Worth.
Burdette G. Lewis, Commissioner.

DEPARTMENT OF DOCKS AND FERRIES.
Pier "A," North River. Telephone, 300 Rector.
A. C. Smith, Commissioner

DEPARTMENT OF EDUCATION.
Board of Education.
Park ave. and 59th st. Telephone, 5580 Plaza.
Stated meetings of the Board are held at 4 p. m. on the first Monday in February, the second Wednesday in August, and the second and fourth Wednesdays in every month, except August.
William G. Willcox, President.
A. Emerson Palmer, Secretary.

BOARD OF ELECTIONS.
General office and office of the Borough of Manhattan, Municipal Building, 18th floor. Telephone, 1307 Worth.
Edward F. Boyle, President.
Moses M. McKee, Secretary.
Other Borough Offices.
The Bronx.
368 E. 148th st. Telephone, 336 Melrose.
Brooklyn.
435-445 Fulton st. Telephone, 1932 Main.
Queens.
64 Jackson ave., L. I. City. Telephone, 3375 Hunters Point.
Richmond.
Borough Hall, New Brighton, S. I. Telephone, 1000 Tompkinsville.
All offices open from 9 a. m. to 4 p. m. Saturdays to 12 noon.

BOARD OF ESTIMATE AND APPORTIONMENT.
Municipal Building, 13th floor. Telephone, 4560 Worth.
Joseph Haag, Secretary.
Bureau of Records and Minutes.
Municipal Building, 13th floor. Telephone, 4560 Worth. Joseph Haag, Secretary.
Office of the Chief Engineer.
Municipal Building, 13th floor. Telephone, 4560 Worth. Nelson P. Lewis, Chief Engineer.
Bureau of Public Improvements.
Municipal Building, 13th floor. Telephone, 4560 Worth. Nelson P. Lewis, Chief Engineer.
Bureau of Franchises.
Municipal Building, 13th floor. Telephone, 4563 Worth. Harry P. Nichols, Engineer.
Bureau of Contract Supervision.
Municipal Building, 13th floor. Telephone, 4560 Worth. Central Testing Laboratory, 125 Worth st. Telephone, 3088 Franklin. Tilden Adamson, Director.
Bureau of Standards.
Municipal Building, 13th floor. Telephone, 4560 Worth. George L. Tirrell, Director.

BOARD OF EXAMINERS.
Municipal Building, 20th floor, 9 a. m. to 4 p. m. Saturday, to 12 noon. Telephone, 1800 Worth.
Board meets every Tuesday at 2 p. m.
Edward V. Barton, Clerk.

DEPARTMENT OF FINANCE.
Municipal Building, 5th floor. Telephone, 1200 Worth. Shepard A. Morgan, Secretary to the Department, 5th floor.
William A. Prendergast, Comptroller.
Deputy Comptrollers, 7th floor. Alexander Brough, Edmund D. Fisher, Albert E. Hadlock, Hubert L. Smith.
Receiver of Taxes.
Manhattan—Municipal Building, 2nd floor. Telephone, 1200 Worth.
Bronx—177th st. and Arthur ave. Telephone, 140 Tremont.
Brooklyn—236 Duffield st. Telephone, 7056 Main.
Queens—5 Court Square, L. I. City. Telephone, 3386 Hunters Point.
Richmond—Borough Hall, St. George. Telephone, 100 Tompkinsville.
William C. Hecht, Receiver of Taxes.
Collector of Assessments and Arrears.
Manhattan—Municipal Building, 3d floor. Telephone, 1200 Worth.
Bronx—177th st. and Arthur ave. Telephone, 47 Tremont.
Brooklyn—503 Fulton st. Telephone, 8340 Main.
Queens—Municipal Building, Court Square, L. I. City. Telephone, 1553 Hunters Point.
Richmond—Borough Hall, St. George. Telephone, 1000 Tompkinsville.
Daniel Moynahan, Collector.

FIRE DEPARTMENT.
Municipal Building, 11th floor. Telephone, 4100 Worth.
Brooklyn, 365 Jay st. Telephone, 7600 Main.
Robert Adamson, Commissioner.

DEPARTMENT OF HEALTH.
Centre and Walker sts., Manhattan. Telephone, 6280 Franklin.
Burial Permit and Contagious Disease offices always open.
Bronx, 3731 Third ave. Brooklyn, Flatbush ave., Willoughby and Fleet sts. Queens, 372 Fulton st., Jamaica. Richmond, 514 Bay st., Stapleton.
Haven Emerson, Commissioner.
Eugene W. Scheffer, Secretary.

BOARD OF INEBRIETY.
300 Mulberry st. Telephone, 7116 Spring.
Board meets first Wednesday in each month at 3 p. m.
Charles Samson, Secretary.

LAW DEPARTMENT.
Office of Corporation Counsel.
Main office, Municipal Building, 16th floor. Telephone, 4600 Worth.
Lamar Hardy, Corporation Counsel.
Brooklyn office, 153 Pierrepont st. Telephone, 2948 Main.
Bureau of Street Openings.
Main office, Municipal Building, 15th floor. Telephone, 1380 Worth.
Brooklyn office, 166 Montague st. Telephone, 5916 Main.
Queens office, Municipal Building, L. I. City. Telephone, 3886 Hunters Point.
Bureau for the Recovery of Penalties.
Municipal Building, 15th floor. Telephone, 4600 Worth.
Bureau for the Collection of Arrears of Personal Taxes.
Municipal Building, 17th floor. Telephone, 4585 Worth.

DEPARTMENT OF LICENSES.
Main Office, 49 Lafayette st. Telephone, 4490 Franklin.
George H. Bell, Commissioner.
Brooklyn—381 Fulton st. Telephone, 1497 Main.
Queens—Borough Hall, L. I. City. Telephone, 5400 Hunters Point.
Richmond—Borough Hall, New Brighton. Telephone, 1000 Tompkinsville.
Division of Licensed Vehicles—517-519 W. 57th st. Telephone, 6387 Columbus.
Public Employment Bureau—Men's departments, 128 Leonard st. Women's departments, 53 Lafayette st. Telephone, 6100 Franklin.

MUNICIPAL CIVIL SERVICE COMMISSION.
Municipal Building, 14th floor. Telephone, 1580 Worth.
Henry Moskowitz, President.
Robert W. Belcher, Secretary.

MUNICIPAL REFERENCE LIBRARY.
Municipal Building, 5th floor. Telephone, 1072 Worth. 9 a. m. to 5 p. m.; Saturday, to 1 p. m.

DEPARTMENT OF PARKS.
Municipal Building, 10th floor. Telephone, 4850 Worth.
Cabot Ward, Commissioner, Manhattan and Richmond.
Borough of Brooklyn.
Litchfield Mansion, Prospect Park, Brooklyn. Telephone, 2300 South.
Raymond V. Ingersoll, Commissioner.
Borough of The Bronx.
Zbrowski Mansion, Claremont Park, Telephone, 2640 Tremont.
Thomas W. Whittle, Commissioner.
Borough of Queens.
The Overlook, Forest Park, Richmond Hill, L. I. Telephone, 2300 Richmond Hill.
John E. Weier, Commissioner.
PARK BOARD.
Municipal Building, 10th floor. Telephone, 4850 Worth. Cabot Ward, President; Louis W. Fehr, Secretary.

PAROLE COMMISSION.
Municipal Building, 24th floor. Telephone, 1610 Worth.
Thomas R. Minnick, Secretary.

DEPARTMENT OF PLANT AND STRUCTURES.
Municipal Building, 18th floor. Telephone, 380 Worth.
F. I. H. Kracke, Commissioner.

EXAMINING BOARD OF PLUMBERS.
Municipal Building, 9th floor. Telephone, 1800 Worth.
Janet A. G. Hahn, Clerk.

POLICE DEPARTMENT.
240 Centre st. Telephone, 3100 Spring.
Arthur Woods, Commissioner.

DEPARTMENT OF PUBLIC CHARITIES.
Principal office, Municipal Building, 10th floor. Telephone, 4440 Worth.
Brooklyn and Queens, 327 Schermerhorn st., Brooklyn. Telephone, 2977 Main.
Bureau of Social Investigation, Pearl and Centre sts. Telephone, 4405 Worth.
Borough of Richmond, Borough Hall, St. George, S. I. Telephone, 1000 Tompkinsville.
John A. Kingsbury, Commissioner.

PUBLIC SERVICE COMMISSION.
120 Broadway, 8 a. m. to 11 p. m. every day, including holidays and Sundays. Telephone 7500 Rector.
Oscar S. Straus, Chairman.
James B. Walker, Secretary.

BOARD OF REVISION OF ASSESSMENTS.
Municipal Building, 7th floor. Telephone, 1200 Worth.
John Korb, Jr., Chief Clerk.

COMMISSIONERS OF SINKING FUND.
Office of Secretary, Municipal Building, 7th floor. Telephone, 1200 Worth.
John Korb, Jr., Secretary.

DEPARTMENT OF TAXES AND ASSESSMENTS.
Municipal Building, 9th floor. Telephone, 1800 Worth.
Lawson Purdy, President.
C. Rockland Tyng, Secretary.

DEPARTMENT OF STREET CLEANING.
Municipal Building, 12th floor. Telephone, 4240 Worth.
John T. Fetherston, Commissioner.

TENEMENT HOUSE DEPARTMENT.
Manhattan and Richmond office, Municipal Building, 19th floor. Telephone, 1526 Worth.
Brooklyn and Queens office, 503 Fulton st., Brooklyn. Telephone, 3825 Main.
Bronx office, 391 E. 149th st. Telephone, 7107 Melrose.
John J. Murphy, Commissioner.

BOARD OF WATER SUPPLY.
Municipal Building, 22nd floor. Telephone, 3150 Worth.
Charles Strauss, President.
George Featherstone, Secretary.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.
Municipal Building, 23d, 24th and 25th floors.
Telephones: Manhattan, 4320 Worth; Brooklyn, 3980 Main; Queens, 3441 Hunters Point; Richmond, 840 Tompkinsville; Bronx, 3400 Tremont.
Brooklyn, 50 Court st. Bronx, Tremont and Arthur aves. Queens, Municipal Building, L. I. City. Richmond, Municipal Building, St. George.
William Williams, Commissioner.

BOROUGH OFFICES.

BOROUGH OF THE BRONX.
President's office, 3d ave. and 177th st. Telephone, 2680 Tremont.
Douglas Mathewson, President.

BOROUGH OF BROOKLYN.
President's office, 2d floor, Borough Hall.
Commissioner of Public Works, 2d floor, Borough Hall.
Assistant Commissioner of Public Works, 2d floor, Borough Hall.
Bureau of Highways, 5th and 12th floors, 50 Court st.
Bureau of Public Buildings and offices, 10th floor, 50 Court st.
Bureau of Sewers, 10th floor, 215 Montague st.
Bureau of Buildings, 4th floor, Borough Hall.
Topographical Bureau, 209 Montague st.
Bureau of Substructures, 11th floor, 50 Court st.
Telephone, 3960 Main.
Lewis H. Pounds, President.

BOROUGH OF MANHATTAN.
President's office, 20th floor, Municipal Building.
Commissioner of Public Works, 21st floor, Municipal Building.
Assistant Commissioner of Public Works, 21st floor, Municipal Building.
Bureau of Highways, 21st floor, Municipal Building.
Bureau of Public Buildings and offices, 20th floor, Municipal Building.
Bureau of Sewers, 21st floor, Municipal Building.
Bureau of Buildings, 20th floor, Municipal Building.
Telephone, 4227 Worth.
Marcus M. Marks, President.

BOROUGH OF QUEENS.
President's Office, Borough Hall, L. I. City. Telephone, 5400 Hunters Point.
Bureau of Public Buildings and Offices, Town Hall, Flushing, L. I. Telephone, 1740 Flushing.
Maurice E. Connolly, President.

BOROUGH OF RICHMOND.
President's office, New Brighton. Telephone, 1000 Tompkinsville.
Calvin D. Van Name, President.

CORONERS.
Manhattan, Municipal Building, 2nd floor. Open at all hours of the day and night. Telephone, 3711 Worth.
Bronx—Arthur and Tremont aves. Telephone, 1250 Tremont, 8 a. m. to midnight, every day.
Brooklyn, 236 Duffield st. Telephone, 4004 Main. Open at all hours of the day and night.
Queens, Town Hall, Jamaica, 9 a. m. to 10 p. m.; Sundays and holidays, 9 a. m. to 12 noon.
Richmond, 175 Second st., New Brighton. Open at all hours of the day and night.

COUNTY OFFICES.

Unless otherwise stated, the County offices are open for business from 9 a. m. to 4 p. m.; Saturday, 9 a. m. to 12 noon.

NEW YORK COUNTY.

COUNTY CLERK.
County Court House. Telephone, 5388 Cortlandt.
9 a. m. to 2 p. m., during July and August.
Wm. F. Schneider, County Clerk.

DISTRICT ATTORNEY.
Criminal Courts Building, 9 a. m. to 5.15 p. m.; Saturdays, to 12 noon. Telephone, 2304 Franklin.
Edward Swann, District Attorney.

COMMISSIONER OF JURORS.
280 Broadway. Telephone, 241 Worth.
Frederick O'Byrne, Commissioner.

PUBLIC ADMINISTRATOR.
119 Nassau st. Telephone, 6376 Cortlandt.
William M. Hoes, Public Administrator.

COMMISSIONER OF RECORDS.
Hall of Records. Telephone, 3900 Worth.
Charles K. Lexow, Commissioner.

REGISTER.
Hall of Records. Telephone, 3900 Worth.
9 a. m. to 2 p. m. during July and August.
John J. Hopper, Register.

SHERIFF.
51 Chambers st. Telephone, 4300 Worth.
New York County Jail, 70 Ludlow st.
Alfred E. Smith, Sheriff.

SURROGATES.
Hall of Records. Telephone, 3900 Worth.
John P. Cohalan; Robert Ludlow Fowler, Surrogates.
William Ray De Lano, Chief Clerk.
John F. Curry, Commissioner of Records.

KINGS COUNTY.

COUNTY CLERK.
Hall of Records. Telephone, 4930 Main.
William E. Kelly, County Clerk.

COUNTY COURT.
County Court House. Court opens at 10 a. m. daily and sits until business is com-

pleted. Part I, Room 23; Part II, Room 10; Part III, Room 14; Part IV, Room 1, Court House. Clerk's office, Room 17, 18, 19 and 22; open daily from 9 a. m. to 5 p. m.; Saturday to 12 noon. Telephone, 4164 Main.
James L. Gray, Chief Clerk.

DISTRICT ATTORNEY.

66 Court st., 9 a. m. to 5.30 p. m.; Saturday, to 1 p. m. Telephone, 3954 Main.
Harry E. Lewis, District Attorney.

COMMISSIONER OF JURORS.

301 Fulton st. Telephone, 330-331 Main.
Jacob Kraimer, Commissioner.

PUBLIC ADMINISTRATOR.

44 Court st. Telephone, 2840 Main.
Frank V. Kiely, Public Administrator.

COMMISSIONER OF RECORDS.

Hall of Records. Telephone, 6988 Main.
Edmund O'Connor, Commissioner.

REGISTER.

Hall of Records. Telephone, 2830 Main.
Edward T. O'Loughlin, Register.

SHERIFF.

50 Court st. Telephone, 6845 Main.
Edward Riegelmann, Sheriff.

SURROGATE.

Hall of Records. Court opens at 10 a. m. Telephone, 3954 Main.
Herbert T. Ketcham, Surrogate.
John H. McCooey, Chief Clerk.

BRONX COUNTY.

COUNTY CLERK.

Civil Records—161st st. and 3d ave. Telephone, 9266 Melrose.
Criminal Branch, 1918 Arthur ave.
James Vincent Ganly, County Clerk.

COUNTY JUDGE.

Bergen Building Annex, Tremont and Arthur aves. Telephone, 3205 Tremont.
Louis D. Gibbs, County Judge.

DISTRICT ATTORNEY.

Tremont and Arthur aves. Telephone, 1100 Tremont.
Francis Martin, District Attorney.

COMMISSIONER OF JURORS.

1932 Arthur ave. Telephone, 3700 Tremont.
John A. Mason, Commissioner.

PUBLIC ADMINISTRATOR.

2808 Third ave. Telephone, 9816 Melrose, 9 a. m. to 5 p. m.; Saturday to 12 noon.
Ernest E. L. Hammer, Public Administrator.

REGISTER.

1932 Arthur ave. Telephone, 6694 Tremont.
Edward Polak, Register.

SHERIFF.

1932 Arthur ave. Telephone, 6600 Tremont.
James F. O'Brien, Sheriff.

SURROGATE.

Bergen Building Annex, 1918 Arthur ave.
George M. S. Schulz, Surrogate.

QUEENS COUNTY.

COUNTY CLERK.

364 Fulton st., Jamaica. Telephone, 2608 Jamaica.
Alexander Dujat, County Clerk.

COUNTY COURT.

County Court House, L. I. City. Telephone, 596 Hunters Point.
Court opens at 10 a. m. Trial Term begins first Monday of each month, except July, August and September, and on Friday of each week.
Clerk's office opens 9 a. m. to 5 p. m.; Saturdays to 12.30 p. m. Telephone, 551 Jamaica.
County Judge's office always open at 336 Fulton st., Jamaica. Telephone, 551 Jamaica.
Burt Jay Humphrey, County Judge.

DISTRICT ATTORNEY.

County Court House, L. I. City. Telephone, 3871 Hunters Point. 9 a. m. to 5 p. m.; Saturday, to 12 noon.
Denis O'Leary, District Attorney.

COMMISSIONER OF JURORS.

County Court House, L. I. City. Telephone, 963 Hunters Point.
Thorndyke C. McKennee, Commissioner.

PUBLIC ADMINISTRATOR.

302 Fulton st., Jamaica. Telephone, 223 Jamaica.
Randolph White, Public Administrator.

SHERIFF.

County Court House, L. I. City. Telephone, 3766 Hunters Point.
Paul Stier, Sheriff.

SURROGATE.

364 Fulton st., Jamaica. Telephone, 397 Jamaica.
Daniel Noble, Surrogate.

RICHMOND COUNTY.

COUNTY CLERK.

County Office Building, Richmond. Telephone, 28 New Dorp.
C. Livingston Bostwick, Clerk.

COUNTY JUDGE AND SURROGATE.

Trial Terms, with Grand and Trial Jury, second Monday of March, first Monday of October.
Trial Terms, with Trial Jury only, first Monday of May, first Monday of December.
Special Terms, Without Jury—Wednesday of each week, except the last week of July, the month of August and the first week of September.

Surrogate's Court.

Monday and Tuesday of each week at the Borough Hall, St. George, and on Wednesday at the Surrogate's Court at Richmond, except during the session of the County Court. There will be no Surrogate's Court during the month of August.
Surrogate's Court and Office, Richmond. Surrogate's Chambers, Borough Hall, St. George.
J. Harry Tiernan, County Judge and Surrogate.

DISTRICT ATTORNEY.

Borough Hall, St. George. Telephone, 50 Tompkinsville, 9 a. m. to 5 p. m.; Saturday, to 12 noon.
Albert C. Fach, District Attorney.

COMMISSIONER OF JURORS.

Village Hall, Stapleton. Telephone, 81 Tompkinsville.
Edward T. Miller, Commissioner.

PUBLIC ADMINISTRATOR.

Port Richmond. Telephone, 704 West Brighton.
William T. Holt, Public Administrator.

SHERIFF.

County Court House, Richmond. Telephone, 120 New Dorp.
Spire Pitou, Jr., Sheriff.

THE COURTS.

CITY COURT OF THE CITY OF NEW YORK.

City Hall Park. Special Term Chambers held from 10 a. m. to 4 p. m. Clerk's office open from 9 a. m. to 4 p. m. Telephone, 122 Cortlandt.
Thomas F. Smith, Clerk.

CITY MAGISTRATES' COURTS.

Boroughs of Manhattan and Bronx.

William McAdoo, Chief City Magistrate. 300 Mulberry st Telephone, 6213 Spring
Municipal Term—Room 500, Municipal Building, Manhattan.
First District—Criminal Courts Building.
Second District—125 Sixth ave.
Third District—2d ave. and 1st st.
Fourth District—151 E. 57th st.
Fifth District—121st st. and Sylvan pl.
Sixth District—162d st. and Washington ave.
Seventh District—314 W. 54th st.
Eighth District—1014 E. 181st st., Bronx.
Ninth District (Night Court for Females)—125 Sixth ave.
Tenth District (Night Court for Males)—151 E. 57th st.
Eleventh District (Domestic Relations)—151 E. 57th st.
Twelfth District—1118 St. Nicholas ave.
Thirteenth District (Domestic Relations)—1014 E. 181st st., Bronx.
Office of the Chief Magistrate Officer, 300 Mulberry st. Telephone, 6213 Spring.
Office of Supervising Chief Clerk, Wm. F. Delaney, 46 Court st. Telephone, 7911 Main.
First District—313 Adams st.
Second District—Court and Butler sts.
Fifth District—261 Bedford ave.
Sixth District—495 Gates ave.
Seventh District—31 Snider ave., Flatbush.
Eighth District—W. 8th st., Coney Island.
Ninth District—5th ave. and 29th st.
Tenth District—133 New Jersey ave.
Domestic Relations—Myrtle and Vanderbilt aves.

Borough of Queens.

First District—St. Mary's Lyceum, L. I. City.
Second District—Town Hall, Flushing.
Third District—Central ave., Far Rockaway.
Fourth District—Town Hall, Jamaica.

Borough of Richmond.

First District—Lafayette ave., New Brighton.
Second District—Village Hall, Stapleton.
All courts open daily from 9 a. m. to 4 p. m., except on Saturdays, Sundays and legal holidays, when only morning sessions are held.

COURT OF GENERAL SESSIONS.

Criminal Court Buildings. Court opens at 10.30 a. m. Clerk's office open from 9 a. m. to 4 p. m., and on Saturdays until 12 noon.
Edward R. Carroll, Clerk.

MUNICIPAL COURTS.

The Clerks' offices are open from 9 a. m. to 4 p. m.; Saturday, to 12 noon.
Board of Justices—James J. Devlin, Secretary, 264 Madison st., Manhattan. Telephone, 2596 Orchard.

Borough of Manhattan.

First District—146 Grand st. Telephone, 9611 Spring. Additional part is held at the southwest corner of 6th ave. and 10th st. Telephone, 2513 Chelsea.
Second District—264-266 Madison st. Telephone, 4300 Orchard.
Third District—314 W. 54th st. Telephone, 5450 Columbus.
Fourth District—207 E. 32d st. Telephone, 4358 Murray Hill.
Fifth District—2565 Broadway. Telephone, 4006 Riverside.
Sixth District—155 E. 88th st. Telephone, 4343 Lenox.
Seventh District—70 Manhattan st. Telephone, 6334 Morningside.
Eighth District—121st st. and Sylvan pl. Telephone, 3950 Harlem.
Ninth District—Madison ave. and 59th st. Telephone, 3873 Plaza.

Borough of The Bronx.

First District—Town Hall, 1400 Williamsbridge rd., Westchester. Telephone, 457 Westchester.
Second District—Washington ave. and 162d st. Telephone, 3042 Melrose.

Borough of Brooklyn.

First District—State and Court sts. Telephone, 7091 Main.
Second District—495 Gates ave. Telephone, 504 Bedford.
Third District—6 Lee ave. Telephone, 556 Williamsburg.
Fourth District—14 Howard ave. Telephone, 4323 Bushwick.
Fifth District—5220 Third ave. Telephone, 3907 Sunset.
Sixth District—236 Duffield st. Telephone, 6166 Main.
Seventh District—31 Pennsylvania ave. Telephone, 904 East New York.

Borough of Queens.

First District, 115 Fifth st., L. I. City. Telephone, 1420 Hunters Point.
Second District—Broadway and Court st., Elmhurst. Telephone, 87 Newtown.
Third District—1908 Myrtle ave., Glendale. Telephone, 2352 Bushwick.
Fourth District—Town Hall, Jamaica. Telephone, 1654 Jamaica.

Borough of Richmond.

First District—Lafayette ave. and 2d st., New Brighton. Telephone, 503 Tompkinsville.
Second District—Village Hall, Stapleton. Telephone, 313 Tompkinsville.

COURT OF SPECIAL SESSIONS.

Court opens at 10 a. m.
Part I, Criminal Court Building, Manhattan. Telephone, 3983 Franklin.
Part II, 171 Atlantic ave., Brooklyn. Telephone, 4280 Main.
Part III, Town Hall, Jamaica. Held on Tuesday of each week. Telephone, 2620 Jamaica.
Part IV, Borough Hall, St. George. Held on Wednesday of each week. Telephone, 324 Tompkinsville.
Part V, Bergen Building, Tremont and Arthur aves., Bronx. Held on Thursday of each week. Telephone, 6056 Tremont.
Frank W. Smith, Chief Clerk.

CHILDREN'S COURT.

Adolphus Ragan, Chief Clerk, 137 E. 22nd st. Telephone, 3611 Gramercy.
Bernard J. Fagan, Acting Chief Probation Officer, 137 E. 22nd st. Telephone, 3611 Gramercy.
Parts I. and II. (Manhattan), 137 E. 22nd st. Telephone, 3611 Gramercy. Dennis A. Lambert, Clerk.
Part III. (Brooklyn), 102 Court st. Telephone, 8611 Main. Wm. C. McKee, Clerk.
Part IV. (Bronx), 355 E. 137th St. Court held on Monday, Thursday and Saturday of each week. Telephone, 9092 Melrose. Michael Murray, Clerk.
Part V. (Queens), 19 Flushing ave., Jamaica. Court held on Tuesday and Friday of each week. Telephone, 2624 Jamaica. Sydney Ollendorff, Clerk.
Part VI. (Richmond), 14 Richmond Terrace, St. George. Court held on Wednesday of each week. Telephone, 2190 Tompkinsville. Wm. J. Browne, Clerk.

SUPREME COURT—APPELLATE DIVISION.

First Judical Department.

Madison ave., corner 25th st. Court open from 2 p. m. until 6 p. m. Friday, Motion Day. Court opens at 10.30 a. m. Motions called at 10 a. m. Orders called at 10.30 a. m. Telephone, 3840 Madison Square.
Alfred Wagstaff, Clerk.

Second Judicial Department.

Borough Hall, Brooklyn. Court meets from 2 p. m. to 5 p. m., excepting that on Fridays Court opens at 10 a. m. Clerk's office open 9 a. m. Telephone, 1392 Main.
John B. Byrne, Clerk.

SUPREME COURT—APPELLATE TERM.

503 Fulton st., Brooklyn. Court meets 10 a. m. Clerk's office opens 9 a. m. Telephone, 7452 Main.
Joseph H. De Bragga, Clerk.

SUPREME COURT—CRIMINAL DIVISION.

Criminal Court Building. Court opens at 10.30 a. m. Clerk's office open from 9 a. m. to 4 p. m.; Saturday, to 12 noon. Telephone, 6064 Franklin.
William J. Schneider, Clerk.

SUPREME COURT—FIRST DEPARTMENT.

Court Court House. Court open from 10.15 a. m. to 4 p. m. Telephone, 4580 Cortlandt.

SUPREME COURT—SECOND DEPARTMENT.

Kings County.

Joralemon and Fulton sts. Clerk's office hours, 9 a. m. to 5 p. m. Seven jury trial parts. Special Term for trials. Special Term for motions. Special Term (ex-parte business). Court opens at 10 a. m. Naturalization Bureau, Hall of Records. Telephone, 5460 Main.
James F. McGee, General Clerk.

Queens County.

County Court House, L. I. City. Court opens at 10 a. m. Trial and Special Term for motions and ex-parte business each month, except July, August and the first two weeks in September, in Part 1. Trial Term, Part 2. February, April, June, last two weeks in September, and November. Special Term for Trials, January, April, June and October.
Clerk's Office open 9 a. m. to 5 p. m. Saturdays until 12 noon from October to June. July, August and September until 2 p. m. Telephone, 2576 Hunters Point.
Thomas B. Seaman, Special Deputy Clerk in Charge.

Richmond County.

Trial Term held at County Court House, Richmond. Special Term for trials held at Court room, Borough Hall, St. George. Special Term for motions held at Court House, Borough Hall, St. George.
C. Livingston Bostwick, County Clerk.

POLICE DEPARTMENT.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Police Commissioner at the Bookkeeper's Office, Headquarters of the Police Department, 240 Centre st., until 10 a. m. on

FRIDAY, JUNE 16, 1916,

FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERECTING ALL THE MATERIALS REQUIRED IN MAKING AND COMPLETING REPAIRS AT THE TENTH INSPECTION DISTRICT OFFICE IN THE BOROUGH OF BROOKLYN.

The time allowed for the performance of the contract is thirty (30) calendar days.

The amount of security for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The bidder will state the price for which he will do all the work and provide, furnish and deliver all the labor and materials mentioned and described in said contract and specifications.

The bids will be compared and award made to the lowest bidder.

No bid will be considered unless it is accompanied by a deposit which shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

For particulars as to the nature and extent of the work required or of the materials to be furnished, bidders are referred to the specifications and to the plans on file in the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Manhattan.

Bidders are requested to make their bids or estimates upon the blank form prepared by the Commissioner, a copy of which, with the proper envelope in which to inclose the bid, together with a copy of the contract, including the specifications, can be obtained upon application therefor at the office of the Bureau of Repairs and Supplies, Headquarters of the Police Department, 240 Centre st., Manhattan.

A. WOODS, Police Commissioner.
Dated June 3, 1916. j5,16

☞See General Instructions to Bidders on last page, last column, of the "City Record."

Owners Wanted for Unclaimed Property.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, 73 Poplar st., 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.
ARTHUR WOODS, Police Commissioner.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of The City of New York, 240 Centre st., Manhattan, for the following property now in custody without claimants: Automobiles, baby carriages, bags, bicycles, boats, cameras, clothing, furniture, jewelry, junk, machinery, merchandise, metals, optical goods, silverware, tools, trunks, typewriters, umbrellas, etc.; also sums of money feloniously obtained by prisoners, or found abandoned by Patrolmen of this Department.
ARTHUR WOODS, Police Commissioner.

BOARD MEETINGS.

Board of Aldermen.

The Board of Aldermen meets in the Aldermanic Chamber, City Hall, every Tuesday, at 1.30 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, Fridays at 10.30 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 Thursdays, at 11 a. m., at call of the Mayor.
JOHN KORB, Jr., Secretary.

Board of Revision of Assessments.

The Board of Revision of Assessments meets in the Meeting Room (Room 16), City Hall, upon notice of the Secretary.
JOHN KORB, Jr., Secretary.

Board of City Record.

The Board of City Record meets in the City Hall at call of the Mayor.
DAVID FERGUSON, Supervisor, Secretary.

DEPARTMENT OF PUBLIC CHARITIES.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities, 10th Floor, Municipal Building, Manhattan, until 10.30 a. m., on

MONDAY, JUNE 19, 1916,

FOR FURNISHING AND DELIVERING 200,000 POUNDS OF BUTTER.

The time for the performance of the contract is up to and including July 22, 1916, as stated in the specifications.

The amount of the security required for the performance of the contract is thirty (30) per cent. of the amount of the contract.

No bid will be considered unless it is accompanied by a deposit, which shall be in an amount not less than one and hone-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per pound, or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on each line or item, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at the office of the Purchasing Agent of the Department, 10th floor, Municipal Building, Manhattan.

JOHN A. KINGSBURY, Commissioner.
Dated June 8, 1916. j8,19

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities, 10th Floor, Municipal Building, Manhattan, until 10.30 a. m., on

THURSDAY, JUNE 15, 1916,

FOR FURNISHING AND DELIVERING COFFIN SHOOKS.

The time for the performance of the contract is up to and including July 31, 1916.

The amount of the security required for the performance of the contract is thirty (30) per cent. of the amount of the contract.

No bid will be considered unless it is accompanied by a deposit, which shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per set or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards made to the lowest bidder on the class entire, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at the office of the Purchasing Agent of the Department, 10th Floor, Municipal Building, Manhattan.

JOHN A. KINGSBURY, Commissioner.
Dated June 5, 1916. j8,15

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Department of Public Charities, 10th floor, Municipal Building, Manhattan, until 10.30 a. m., on

TUESDAY, JUNE 13, 1916,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR:

A NEW HEATING SYSTEM IN THE PATHOLOGICAL LABORATORY.

A NEW HEATING SYSTEM IN THE TWO TOILET TOWERS, WOMEN'S DIVISION, MAIN HOSPITAL BUILDING.

ALTERATIONS TO HEATING SYSTEM IN SOLARIUM IN THE CITY HOSPITAL DISTRICT, BLACKWELL'S ISLAND, THE CITY OF NEW YORK.

The time allowed for doing and completing the entire work and the full performance of the contract is ninety (90) consecutive working days.

The surety required will be One Thousand Dollars ($1,000).

Certified check or cash in the sum of Fifty Dollars ($50) must accompany bid.

The bidder will state one aggregate price for the whole work described and specified, as the contract is entire for a complete job.

Blank forms and further information may be obtained at the office of the Purchasing Agent of the Department, 10th floor, Municipal Building, Manhattan, where plans and specifications may be seen.

JOHN A. KINGSBURY, Commissioner.
Dated June 2, 1916. j2,13

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF HEALTH.

Amendments to Sanitary Code.

AT A MEETING OF THE BOARD OF Health of the Department of Health held May 31, 1916, the following resolution was adopted:

Resolved, That the following additional section to be known as section 170 of the sanitary code be and the same is hereby adopted:

Secion 170: *Ice cream; manufacture in and bringing into the City of New York regulated:*—No ice cream shall be manufactured in or brought into the City of New York for sale without a permit therefor issued by the Board of Health or otherwise than in accordance with the terms of said permit and with the Regulations of said Board.

A TRUE COPY.
J13,15 EUGENE W. SCHEFFER, Secretary.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Health of the Department of Health, Centre and Walker sts., Manhattan, until 10.30 a. m., on

THURSDAY, JUNE 22, 1916,

FOR FURNISHING ALL LABOR AND MATERIALS NECESSARY OR REQUIRED TO ERECT AND COMPLETE, TOGETHER WITH ALL NECESSARY ALTERATIONS AND OTHER WORK INCIDENTAL THERETO, AN ADDITIONAL ELEVATOR, IN THE MEASLES PAVILION, ON THE GROUNDS OF THE WILLARD PARKER HOSPITAL, AT THE FOOT OF E. 16TH ST., BOROUGH OF MANHATAN, CIY OF NEW YORK.

The time for the completion of the work and the full performance of the contract will be Seventy-five (75) consecutive working days.

The bid, however, must be accompanied by a deposit of an amount of not less than 2½ per cent. of the amount of the bid.

Bids will be compared and the contract awarded to the lowest bidder on the entire contract.

Plans may be seen and blank forms for the above work and further information may be obtained at the office of the Chief Clerk of the Department of Health, Centre and Walker sts., Manhattan.

HAVEN EMERSON, M. D., President; EUGENE W. SCHEFFER, Secretary.
Dated June 12, 1916. j12,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BELLEVUE AND ALLIED HOSPITALS.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Trustees in the Staff Room of Bellevue Hospital (entrance 415 E. 26th st.) until 12 noon on

MONDAY, JUNE 19, 1916,

FOR ALL LABOR AND MATERIALS REQUIRED FOR THE PAINTING OF ALL PLASTER WALL AND CEILING SURFACES IN PAVILIONS "A" AND "B" OF BELLEVUE HOSPITAL, 1ST AVE., 26TH TO 29TH STS., BOROUGH OF MANHATTAN, CITY OF NEW YORK.

The time allowed for the completion of all the work included under this contract is eighty consecutive calendar days.

The security required will be Fifteen Hundred Dollars ($1,500). (Bonds not required with bids.)

As a condition precedent to the reception and consideration of a bid, a deposit of Seventy-five Dollars ($75) must be made with the Department, in accordance with Section 420 of the Greater New York Charter, as explained in general instructions, last page of City Record.

Bids must be submitted upon blank forms prepared by the Department.

No proposal, after it shall have been deposited

with the Department, will be allowed to be withdrawn for any reason whatever.

The bids will be compared and the contract awarded as soon thereafter as practicable, according to law.

Blank forms and further information may be obtained at the office of the Chief Clerk and Auditor, entrance 600 E. 25th st., Manhattan.

BOARD OF TRUSTEES, BELLEVUE AND ALLIED HOSPITALS, by JOHN W. BRANNAN, M. D., President. j8,19

☞See General Instructions to Bidders on last page, last column, of the "City Record."

PUBLIC SERVICE COMMISSION.

Invitation to Contractors.

Part of the White Plains Road Rapid Transit Railroad.

SEALED BIDS OR PROPOSALS FOR THE construction of the 180th Street Yard of Route No. 18, a part of the White Plains Road Rapid Transit Railroad, will be received by the Public Service Commission for the First District (hereinafter called the "Commission") at the office of the Commission at No. 120 Broadway, Borough of Manhattan, New York City, until the 26th day of June, 1916, at eleven-thirty o'clock a. m., at which time and place, or at a later date to be fixed by the Commission, the proposals will be publicly opened.

The said part to be constructed is to be an elevated railroad consisting of embankment with masonry walls, in the Borough of The Bronx, extending over and along City property, bounded on the south by E. 180th st., on the west by Bronx Park and on the north and east by the main line of the White Plains Road Rapid Transit Railroad.

The work to be done will include the care and support, and, where necessary, the readjustment of surface, subsurface and overhead structures, the maintenance of traffic and the restoration of street surfaces.

The Contractor must complete the work within twelve (12) months from the delivery of the contract.

A fuller description of the work and other requirements, provisions and specifications are given in the Information for Contractors and in the form of contract, contract drawings, bond and Contractor's Proposal, which are to be deemed a part of this Invitation and copies of which may be inspected and purchased at said office of the Commission.

The receipt of bids will be subject to the requirements specified in said Information for Contractors.

New York, June 8, 1916.

PUBLIC SERVICE COMMISSION FOR THE FIRST DISTRICT, By OSCAR S. STRAUS, Chairman.

JAMES B. WALKER, Secretary. j9,26

BELLEVUE AND ALLIED HOSPITALS, DEPARTMENT OF PUBLIC CHARITIES, DEPARTMENT OF CORRECTION AND DEPARTMENT OF HEALTH.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by Bellevue and Allied Hospitals, Department of Public Charities, Department of Correction and Department of Health, at Room 1230, Municipal Building, Manhattan, until 12 noon, on MONDAY, JUNE 19, 1916,

FOR FURNISHING AND DELIVERING MILK AND CREAM.

The time for the performance of the contract is on or before Dec. 31, 1916.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

No bid will be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per quart, or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item or class, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at room 1230, Municipal Building, Manhattan.

BOARD OF TRUSTEES, BELLEVUE AND ALLIED HOSPITALS, JOHN W. BRANNAN, M. D., President.

DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner.

DEPARTMENT OF CORRECTION, BURDETTE G. LEWIS, Commissioner.

DEPARTMENT OF HEALTH, H. EMERSON, Commissioner. j7,19

☞See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

DEPARTMENT OF FINANCE.

Sales of Tax Liens.

Notice of Sale of Tax Liens of the City of New York, for Unpaid Taxes, Water Rents and Assessments for Local Improvements upon Lands and Tenements within that part of the City of New York now known and described as the Borough of Brooklyn, Affecting Property in Sections 1 to 12, Inclusive, as shown on the Tax Map of said City for said Borough of Brooklyn.

THE CITY OF NEW YORK, DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF ASSESSMENTS AND ARREARS OF TAXES AND ASSESSMENTS, MUNICIPAL BUILDING, BOROUGH OF MANHATTAN, CITY OF NEW YORK.

Under the direction of Hon. William A. Prendergast, Comptroller of the City of New York, I, Daniel Moynahan, Collector of Assessments and Arrears, hereby give public notice, pursuant to the provisions of Chapter 17, Title 5 of the Greater New York Charter:

That the respective owners of the lands and tenements in the Borough of Brooklyn, in the City of New York, as said lands and tenements are shown within Sections one to thirteen, inclusive, upon the Tax Map of said City for said Borough, on which any taxes or any assessment for local improvements have been imposed and become a lien and have remained unpaid for three years since the same were due and payable, or on which any water rent has been imposed and become a lien and has remained due and unpaid for four years since the same was due and payable are required to pay the amount of said taxes, assessments and water rents, *together with all unpaid taxes, water rents and assessments affecting such lands and tenements which became a lien and were due and payable prior to March fifteenth, nineteen hundred and sixteen* (the taxes, water rents and assessments for local improvements required to be paid, thus comprising all unpaid taxes and water rents affecting said properties contained in assessment rolls down to and including the assessment roll of the City of New York for the year nineteen hundred and fifteen and all assessments for local improvements affecting said properties confirmed and entered up to March fourth, nineteen hundred and sixteen, inclusive), with all penalties thereon remaining unpaid, together with the interest thereon at the rate provided by law from the time the same became liens so as to be due and payable to the date of payment and the charges of this notice and advertisement to the Collector of Assessments and Arrears, at his office in the Offerman Building, Nos. 503 and 505 Fulton Street, Borough of Brooklyn, New York City.

AND NOTICE IS HEREBY GIVEN that if default be made in such payment the lien of the City of New York upon any of said lands and tenements for any tax, assessment or water rent which became a lien so as to be due and payable before March fifteenth, nineteen hundred and sixteen, will be sold at Public Auction in the office of the Collector of Assessments and Arrears in the Offerman Building, Nos. 503 and 505 Fulton street, Borough of Brooklyn, in the City of York, on

WEDNESDAY, SEPTEMBER 20, 1916,

at half-past two o'clock in the afternoon of that day, for the lowest rate of interest, not exceeding twelve per centum per annum, at which any person or persons shall offer to take the same in consideration of advancing the said taxes, water rents and assessments and penalties, as the case may be, and interest thereon as aforesaid to the time of sale, the charges of notice and advertisement and all other costs and charges accrued thereon; and that such sale will be continued from time to time until all said liens for taxes, water rents and assessments for local improvements so advertised for sale affecting such lands and tenements shall be sold.

The transfer of tax lien to be executed and delivered to the purchaser thereof pursuant to the terms of said sale shall be subject to the lien for and the right of the City of New York to collect and receive all taxes, water rents and assessments for local improvements and penalties and interest thereon which accrued and became a lien, or which shall accrue and become a lien upon said premises, so as to be due and payable on and after the date of the first advertisement of said sale as stated herein, namely, the fifteenth day of March, nineteen hundred and sixteen (*i. e.*, the lien for and right of the City of New York to collect and receive all taxes and water rents included in the assessment rolls of the City of New York for the years subsequent to nineteen hundred and fifteen, and assessments for local improvements entered subsequent to March fourth, nineteen hundred and sixteen.

NOTICE IS HEREBY FURTHER GIVEN that a particular and detailed statement of the property affected, showing section or ward, block and lot number thereof as the same may be on the Tax Map of the City of New York for the Borough of Brooklyn and the tax liens thereon which are to be sold, is published in a pamphlet and that copies thereof are deposited in the offices of the Collector of Assessments and Arrears in the Boroughs of Brooklyn and Manhattan and will be delivered to any person applying for the same.

Dated, New York, June 6, 1916.

DANIEL MOYNAHAN, Collector of Assessments and Arrears of the City of New York.

This Notice Applies to Arrears as of March 15, 1916. j6,13,20,27,jy5,11,18,25,a1,8,15,22,29,s5,12,19

Notice of Continuation of the Queens Tax Sale.

THE SALE OF THE LIENS FOR UNPAID taxes, assessments and water rents for the Borough of Queens, as to liens remaining unsold at the termination of the sale of Oct. 19, Dec. 7, 1915, Jan. 18, Feb. 29 and April 25 and May 23, 1916, has been continued to

TUESDAY, JULY 18, 1916,

at 10 a. m., pursuant to Section 1028 of the Greater New York Charter, and will be continued at that time on the 3d floor of the Municipal Building, Court House Square, L. I. City, Borough of Queens, City of New York.

DANIEL MOYNAHAN, Collector of Assessments and Arrears. j3,6,13,20,27,jy3,11,18

Corporation Sale of Real Estate.

William P. Rae Company, Auctioneer.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

FRIDAY, JUNE 23, 1916,

—at 12 o'clock noon, at the Brooklyn Real Estate Exchange, 189 Montague st., Borough of Brooklyn, all that certain 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 southerly line of Lincoln pl., distant 200 feet easterly from the corner formed by the intersection of the easterly line of Underhill ave. with the southerly line of Lincoln pl.; running thence southerly 183 feet to a point on the northerly line of Eastern Parkway, distant 200 feet easterly from the corner formed by the intersection of the easterly line of Underhill ave. with the northerly line of Eastern Parkway; running thence easterly and along said northerly line of Eastern Parkway 100 feet; running thence northerly 185 feet to the southerly line of Lincoln pl.; running thence westerly along said southerly line of Lincoln pl. 100 feet to the point or place of beginning; said premises being shown on the present Tax Maps as Lots 11 and 85, in Block 1179, Section 4, Borough of Brooklyn.

The minimum or upset price at which said property shall be sold is hereby fixed at the sum of Thirty-four Thousand Dollars ($34,000). The sale to be made upon the following

TERMS AND CONDITIONS:

The highest bidder will be required to pay ten per cent. (10%) of the amount of the bid, together with the auctioneer's fees, at the time of the sale, the balance to be paid upon the delivery of the deed, which shall be within sixty (60) days from the date of the sale.

The deed to be delivered shall be in the form of a bargain and sale deed without covenants.

The premises to be sold subject to whatever restrictions are on record against the same.

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 so 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 Department of Finance (Division of Real Estate), Room 733, Municipal Building, Borough of Manhattan.

By order of the Commissioners of the Sinking Fund under resolution adopted at meeting of the Board held April 13, 1916.

ALEX. BROUGH, Deputy and Acting Comptroller, City of New York.

Department of Finance, Comptroller's Office, June 6, 1916. j7,23

William P. Rae Company, Auctioneer.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Commissioners of the Sinking Fund of The City of New York, by virtue of the powers vested in them by law, will offer for sale at public auction on

FRIDAY, JUNE 23, 1916,

—at 12 o'clock noon, at the Brooklyn Real Estate Exchange, 189 Montague st., Borough of Brooklyn, all that certain 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 in the southerly line of Lincoln pl., distant 172 feet 9 inches westerly from the corner former by the intersection of the southerly line of Lincoln pl. with the westerly line of Washington ave.; running thence southerly and parallel, or nearly so, with the easterly line of Underhill ave. 255 feet 3 inches to the northerly line of Eastern Parkway; running thence westerly and along the northerly line of Eastern Parkway 50 feet 1¼ inches; running thence northerly and parallel, or nearly so, with the easterly line of Underhill ave. 252 feet to the southerly line of Lincoln pl.; running thence easterly and along the southerly line of Lincoln pl. 50 feet to the point or place of beginning; said premises being known and designated on the present Tax Maps of The City of New York, Borough of Brooklyn, as Lots 97, 120 and 121, Block 1179, Section 4.

The minimum or upset price at which said property shall be sold is hereby fixed at the sum of Twenty Thousand Dollars ($20,000). The sale to be made upon the following

TERMS AND CONDITIONS:

Seventy per cent. (70%) of the purchase price may remain on bond and mortgage for three years at five per cent. (5%), the purchaser to pay the mortgage tax and recording fee; the interest on such mortgage to be payable every six months. The purchaser to have the privilege of paying off said mortgage at any time by giving sixty (60) days' written notice to the City.

The highest bidder will be required to pay ten per cent. (10%) of the amount of the bid, together with the auctioneer's fees, at the time of the sale, the balance to be paid upon the delivery of the deed, which shall be within sixty (60) days from the date of the sale.

The deed to be delivered shall be in the form of a bargain and sale deed without covenants.

The premises to be sold subject to whatever restrictions are on record against the same.

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 so 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 Department of Finance (Division of Real Estate), Room 733, Municipal Building, Borough of Manhattan.

By order of the Commissioners of the Sinking Fund under resolution adopted at meeting of the Board held April 13, 1916.

ALEX. BROUGH, Deputy and Acting Comptroller, City of New York.

Department of Finance, Comptroller's Office, June 6, 1916. j7,23

Interest on City Bonds and Stock.

THE INTEREST DUE JULY 1, 1916, ON Registered and Coupon Bonds and Stock of The City of New York, and of the former corporations now included therein, will be paid on that day by the Comptroller at his office (Room 851), Municipal Building, Chambers and Centre sts., Manhattan.

The books for the transfer of bonds and stock on which interest is payable July 1, 1916, will be closed from June 15, 1916, to July 1, 1916.

WILLIAM A. PRENDERGAST, Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 1, 1916. j7,jy1

Confirmation of Assessments.

NOTICE TO PROPERTY OWNERS.

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS in the BOROUGH OF BROOKLYN:

SECTION 13.

HEMLOCK ST.—SEWER from end of existing sewer north of Ridgewood ave. northerly to Danforth st. Area of assessment affects blocks 4119 and 4120.

UNION PL.—REGULATING, GRADING, CURBING AND FLAGGING from Railroad ave. to Grant ave. Area of assessment affects blocks 4121 and 4122.

SECTION 14.

RECEIVING BASIN at the northeast and northwest corners of NEW JERSEY AVE. AND HEGEMAN AVE. Area of assessment affects blocks 4299 and 4300.

SECTION 17.

PAVING AND CURBING 66TH, 65TH AND 66TH STS. from 20th ave. to Bay Parkway. Area of assessment affects blocks 5542, 5549, 5550, 5557 and 5564.

SECTION 18.

SHORE ROAD—SEWER from 83d st. to 79th st. Area of assessment affects blocks 5925, 5975, 5994, 6003, 6013, 6014, 6031, 6040, 6041, 6046, 6058 and 6059.

SECTION 20.

KINGS HIGHWAY—REGULATING, GRADING, CURBING AND FLAGGING from Coney Island ave. to E. 16th st. Area of assessment affects blocks 6776, 6777, 6778, 6794, 6795, 6796, 6797 and 6798.

SECTION 23.

E. 26TH ST.—SEWER from Avenue M to Avenue N. Area of assessment affects blocks 7661 and 7662.

—the above entitled assessments were confirmed by the Board of Assessors on June 6th, 1916, and entered June 6th, 1916, 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 on or before August 5, 1916, which is sixty days after the date of said entry, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Offerman Building, 503 Fulton Street, Brooklyn, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

Dated, New York, June 6, 1916.

WILLIAM A. PRENDERGAST, Comptroller. j9,20

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:

SECTION 8.

ELWOOD ST.—SEWER between Nagel and Sherman aves. Area of assessment affects blocks 2172 and 2174.

BASIN ADJACENT TO THE NORTHEAST CORNER OF 178TH ST. AND HAVEN AVE. Area of assessment affects block 2177.

—that the above assessments were confirmed by the Board of Assessors on June 6, 1916, and entered June 6, 1916, 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 on or before August 5, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Municipal Building, north side, third floor, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.

Dated, New York, June 6, 1916. j9,20

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:

SECTIONS 11, 12, 13, 16, 17.

RELIEF SEWER AND APPURTENANCES in WEBSTER AVE. from Windover ave. (Claremont Parkway) to a point 200 feet north of Tremont ave. Area of assessment affects blocks 2788 to 2792, 2798 to 2804, 2809 to 2815, 2888 to 2892, 2897 to 2900, 2905 to 2909, 2914 to 2918, 2920 to 2924, 2930, 2941, 2943 to 2947, 3022 to 3065, 3067 to 3070, 3079, 3142 to 3159, 3164 to 3168, 3172 to 3177, 3189 to 3191, 3246, 3272 to 3313, 3315, 3318 to 3321, 3323 to 3339, 3341 to 3360, 3362 to 3398, 3400, 3401, 4336, 4427 to 4429, 4506 to 4508, 4540 to 4545, 4591 to 4595, 4620 to 4630, 4640 to 4657, 4661 to 4668, 4675 to 4680, 4690 to 4692, 4819 to 4865, 4992 to 5001, 5032 to 5049, 5064 to 5070, 5073 to 5084, 5087 and 5102 to 5116.

—that the above assessments were confirmed by the Board of Assessors on June 6, 1916, and entered June 8, 1916, 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 on or before August 7, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Bergen Building, 4th floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.

Dated, New York, June 8, 1916. j9,20

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 IM-

PROVEMENTS IN THE BOROUGH OF THE BRONX;

SECTION 10.

UNNAMED STREET — REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES, ERECTING FENCES and BUILDING STEPS from Rogers pl. and E. 165th st. westwardly to 165th st. Area of assessment affects blocks 2649, 2650, 2659, 2660, 2669, 2670, 2678, 2679, 2680, 2690, 2691, 2698, 2699, 2700, 2704, 2705, 2715, 2716, 2717 and 2726.

SECTION 15.

ST. RAYMOND AVE.—SEWER between Odell st. and Olmstead ave., and OLMSTEAD AVE., SEWER between St. Raymond ave. and Benedict ave. Area of assessment affects blocks 3932 to 3935, 3938, 3944, 3945, 3946, 3959 and 3960.

—that the above assessments were confirmed by the Board of Assessors June 6, 1916, and entered June 6, 1916, 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 on or before August 5, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Bergen Building, 4th floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, June 6, 1916. j9,20

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 QUEENS:

SECOND WARD.

HANCOCK AVE.—REGULATING, GRADING, CURBING AND LAYING SIDEWALKS from a point 100 feet north of Thomson ave. to Greenpoint ave. Area of assessment affects blocks 506, 507 and 510.

THIRD WARD.

SIDEWALKS ON MURRAY ST., east side, from Broadway to Mitchell ave., and on BATHGATE ST., west side, from Mitchell ave. to Bayside ave. Area of assessment affects blocks 22, 22A, 23, 32 and 35.

—that the above assessment was confirmed by the Board of Assessors on June 6, 1916, and entered June 6, 1916, 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 on or before August 5, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Municipal Building, Court House Square, L. I. City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, June 6, 1916. j9,20

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessments for LOCAL IMPROVEMENTS IN THE BOROUGH OF RICHMOND:

THIRD WARD.

INNIS ST.—RE-REGULATING, RE-GRADING AND CONSTRUCTING CURB GUTTERS AND SIDEWALKS FROM ST. NICHOLAS AVE. TO JOHN ST. Area of assessment affects blocks 70, 75, 77, 90C, 91C and 101C.

—that the above assessments were confirmed by the Board of Assessors on June 6, 1916, and entered June 6, 1916, 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 on or before August 5, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Borough Hall, Rooms Nos. 15 and 19, St. George, New Brighton, Borough of Richmond, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, June 6, 1916. j9,20

IN PURSUANCE OF SECTION 986 OF THE Greater New York Charter, the Comptroller of the City of New York hereby gives public notice of the confirmation by the Supreme Court and the entering in the Bureau for the Collection of Assessments and Arrears of the assessment for OPENING AND ACQUIRING TITLE to the following named street in the BOROUGH OF MANHATTAN:

SECTION 2.

DISCONTINUING AND CLOSING OF ATTORNEY ST. from a point about 61 feet southerly from the centre line of the Delancey st. Bridge to a point 122 feet northerly therefrom. Confirmed May 16, 1916; entered June 3, 1916. Area of assessment includes all those lands, tenements and hereditaments and premises situate, lying and being in the Borough of Manhattan, in said City of New York, and contained within the line of the discontinued and closed Attorney st. from a point about 61 feet southerly from the centre line of Delancey st. bridge to a point 122 feet northerly therefrom.

—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 on or before August 2, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 987 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Municipal Building, north side, third floor, Borough of Manhattan, between the hours of 9 a. m. and 2 p. m. and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, June 3, 1916. j6,16

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:

SECTION 9.

PARK AVE.—PAVING THE ROADWAY AND SETTING CURB from E. 144th st. to Morris ave. Area of assessment affects blocks 2335 to 2338, 2342, 2343, 2347, 2440 to 2443, inclusive.

SECTION 10.

MANIDA ST.—PAVING THE ROADWAY AND SETTING CURB from Garrison ave. to Lafayette ave. Area of assessment affects block 2740.

—that the above assessments were confirmed by the Board of Revision of Assessments on June 1, 1916, and entered June 1, 1916, 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 on or before July 31, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Bergen Building, 4th floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, June 1, 1916. j6,16

IN PURSUANCE OF SECTION 986 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 assessment for OPENING AND ACQUIRING TITLE to the following named place in the BOROUGH OF THE BRONX:

SECTION 11.

ELSMERE PL.—OPENING from Crotona Parkway to Daly ave. Confirmed May 11, 1916; entered June 3, 1916. 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 distant 100 feet northerly from and parallel with the northerly line of Elsmere pl., as this street is laid out east of Crotona parkway, the said distance being measured at right angles to Elsmere pl., and by the prolongations of the said line; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Daly ave., the said distance being measured at right angles to Daly avenue; on the south by a line distant 100 feet southerly from and parallel with the southerly line of Elsmere pl., as this street is laid out east of Crotona parkway, the said distance being measured at right angles to Elsmere pl. and by the prolongations of the said line, and on the west by the centre line of Crotona parkway.

—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 on or before August 2, 1916, which is sixty days after the date of said entry of the assessment, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 987 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Bergen Building, 4th floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, June 3, 1916. j6,16

IN PURSUANCE OF SECTION 986 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 assessment for OPENING AND ACQUIRING TITLE to the following named avenues and streets in the BOROUGH OF QUEENS:

THIRD WARD.

OPENING AND ACQUIRING TITLE TO FOWLER ST. from Lawrence st. to a point distant 1,730.02 feet westerly therefrom; BLOSSOM AVE. from Lawrence st. to Saull st.; SAULL ST. from Cherry st. to Irving pl.; CHERRY ST. from Saull st. to Golden ave., and GOLDEN AVE. from Hillside ave. to a line distant 75 feet north of Jacinth st. (Juniper st.), and from the northerly line of Mulberry st. to Underhill ave. Confirmed May 5, 1916, and entered June 2, 1916.

Area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of Queens, in The City of New York, which, taken together, are bounded and described as follows, viz.:

Beginning at a point on a line distant 100 feet northerly from and parallel with the northerly line of Fowler st., the said distance being measured at right angles to Fowler st. where it is intersected by a line at right angles to Fowler st., and passing through a point on its northerly side distant 1,830.02 feet westerly from its intersection with the westerly line of Lawrence st., and running thence eastwardly along the said line parallel with Fowler st., and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Lawrence st., as this street is laid out where it adjoins Fowler st., the said distance being measured at right angles to Lawrence st.; thence southwardly along the said line parallel with Lawrence st. 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 Blossom ave., the said distance being measured at right angles to Blossom ave.; thence eastwardly along the said line parallel with Blossom ave. and along the prolongation of the said line to the intersection with the prolongation of a line distant 100 feet easterly from and parallel with the easterly line of Saull st., as this street is laid out where it adjoins Cherry st. on the north, the said distance being measured at right angles to Saull st.; thence southwardly along the said line parallel with Saull st. 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 Cherry st., the said distance being measured at right angles to Cherry st.; thence eastwardly along the said line parallel with Cherry st. and along the prolongation of the said line to the intersection with a line distant 100 feet easterly from and parallel with the easterly line of Golden ave., the said distance being measured at right angles to Golden ave.; thence southwardly along the said line parallel with Golden ave. 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 Fowler st., the said distance being measured at right angles to Fowler st.; thence westwardly along the said line parallel with Fowler st. to the intersection with a line at right angles to Fowler st., and passing through the point of beginning; thence northwardly along the said line at right angles to Fowler st. to the point or place of beginning.

2. Beginning at a point on the prolongation of a line midway between Colden ave. and Peck ave., as these streets are laid out northwesterly from the angle point at Jacinth st. where it is intersected by a line distant 100 feet northerly from and parallel with the northerly line of Hillside ave. (Hammell ave.), as this street is laid out where it adjoins Colden ave., the said distance being measured at right angles to Hillside ave., and running thence northeastwardly along the said line parallel with Hillside ave. and along the prolongations of the said line to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northeasterly line of Colden ave. and the southwesterly line of Underhill ave., as these streets are laid out southeasterly from and adjoining Jacinth st.; 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 northerly line of Colden ave. and the southwesterly line of Underhill ave., as these streets are laid out between Kane st. and Larch ave.; 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 northerly line of Colden ave. and the southwesterly line of Underhill ave., as these streets are laid out between Narcissus st. and Oak ave.; thence southeastwardly along the said bisecting line to a point distant 100 feet northerly from the northerly line of Colden ave., the said distance being measured at right angles to Colden ave.; thence eastwardly and parallel with Colden ave. and the prolongation thereof to the intersection with the northeasterly line of Underhill ave.; thence northeastwardly at right angles to Underhill ave. a distance of 100 feet; thence southeastwardly and parallel with Underhill ave. to the intersection with a line midway between Quince st. and Rose st.; thence southwestwardly along the said line midway between Quince st. and Rose st. and along the prolongation of the said line to the intersection with a line midway between Colden ave. and Peck ave.; thence westwardly and northwestwardly along a line always midway between Colden ave. and Peck ave. and along the prolongation of the said line to the point or place of beginning.

3. Bounded on the north by a line distant 170 feet northerly from and parallel with the southerly line of Irving pl. and by the prolongation of the said line, the said distance being measured at right angles to Irving pl.; on the east by a line distant 100 feet easterly from and parallel with the easterly line of Saull st. and by the prolongation of the said line, the said distance being measured at right angles to Saull st.; on the south by a line distant 100 feet northerly from and parallel with the northerly line of Blossom ave. and by the prolongation of the said line, the said distance being measured at right angles to Blossom ave.; and on the west by a line distant 100 feet westerly from and parallel with the westerly line of Saull st. and by the prolongation of the said line, the said distance being measured at right angles to Saull st.

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 on or before August 1, 1916, which is sixty days after the date of said entry of the assessment, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by sections 159 and 987 of the Greater New York Charter

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Municipal Building, Court House Square, L. I. City, Borough of Queens, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, June 2, 1916. j6,16

IN PURSUANCE OF SECTION 1018 OF THE Greater New York Charter, the Comptroller of The City of New York hereby gives public notice to all persons, owners of property, affected by the following assessment for LOCAL IMPROVEMENTS IN THE BOROUGH OF BROOKLYN:

SECTION 22.

E. 12TH ST.—REGULATING, GRADING, CURBING and FLAGGING Avenue U to Gravesend rd. Area of assessment affects blocks 7343, 7344, 7371, 7372, 7394, 7395, 7396, 7412 and 7413.

—the above assessment was confirmed by the Board of Assessors on May 31, 1916, and entered May 31, 1916, 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 on or before July 31, 1916, which is sixty days after the date of said entry of the assessment, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessment is payable to the Collector of Assessments and Arrears at his office in the Offerman Building, 503 Fulton st., Brooklyn, between the hours of 9 a. m. and 2 p. m. and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, May 31, 1916. j2,13

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:

SECTION 15.

MATTHEWS AVENUE — REGULATING, GRADING, SETTING CURBSTONES, FLAGGING SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND ERECTING FENCES from Van Nest ave. to Bronxdale ave. Area of assessment affects blocks 4044, 4045, 4046, 4054, 4055, 4262, 4263, 4290, 4293, 4294, 4297, 4322 and 4323.

—that the above assessments were confirmed by the Board of Assessors May 31, 1916, and entered May 31, 1916, 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 on or before July 31, 1916, which is sixty days after the date of said entry of the assessments, interest will be collected thereon at the rate of seven per centum per annum, to be calculated from ten days after the date of said entry to the date of payment, as provided by Sections 159 and 1019 of the Greater New York Charter.

The above assessments are payable to the Collector of Assessments and Arrears at his office in the Bergen Building, 4th floor, southeast corner of Arthur and Tremont aves., Borough of The Bronx, between the hours of 9 a. m. and 2 p. m., and on Saturdays from 9 a. m. to 12 noon.

WILLIAM A. PRENDERGAST, Comptroller.
Dated, New York, May 31, 1916. j2,13

Corporation Sales of Buildings and Appurtenances Thereto on City Real Estate by Sealed Bids.

AT THE REQUEST OF THE PRESIDENT of the Borough of Richmond, 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 Richmond.

BEING the buildings, parts of buildings, etc., standing within the lines of Damage Parcels 37 to 42, 45 to 50, 54 to 61, 63 to 67, and 70 to 72 of the proceeding for the opening of Rosebank ave., from Southside Boulevard to Broad st., in the Borough of Richmond, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held June 1, 1916, the sale by sealed bids, at the upset or minimum prices named in the description of each parcel of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

FRIDAY, JUNE 23, 1916,

at 11 a. m., in lots and parcels, and in manner and form, and at upset prices as follows:

PARCEL NO. 39—Two and one-half story frame house, 50 Riker st. Upset price, $50.

PARCEL NO. 47—Two and one-half story frame house, 42 Riker st. Upset price, $5.

PARCEL NO. 50—Steps and porch of one-story frame house, and of one and one-half story frame house opposite Parcel No. 47. Upset price, $5.

PARCEL NO. 56—Part of two-story frame house, 104 McKeon st., also shed. Upset price, $25.

PARCEL NO. 57—Two and one-half story frame house, 114 McKeon st. Upset price, $5.

PARCEL NO. 63—Two-story frame house and stable, 111 McKeon st. Upset price, $50.

PARCEL NO. 64—Part of two and one-half story brick building, 113 McKeon st. Cut 5.92 feet on front by 5.75 feet on rear. Upset price, $5.

PARCEL NO. 65—Two and one-half story frame house, 12 Riker st. Upset price, $5.

PARCEL NO. 72—Two and one-half story frame house, 10 Riker st. Two and one-half story frame building corner of Riker st. and Broad st. Also part of three-story brick building adjoining on Broad st. Cut brick building 10.95 feet on front by 10.65 feet on rear. Upset price, $100.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Borough of Manhattan, until 11 a. m., on the 23d day of June, 1916, 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 twenety-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 June 23, 1916," 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 368, Municipal Building, 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."

ALEXANDER BROUGH, Deputy and Acting Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 1, 1916. j7,23

AT THE REQUEST OF THE COMMISSIONER of Parks, for 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 buildings standing upon property owned by The City of New York, acquired by it for Park purposes, in the

Borough of The Bronx.

BEING the building on the portion of the property acquired for Crotona Park, and known as 1785 Southern Boulevard, in the Borough of The Bronx, which is more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution adopted by the Commissioners of the Sinking Fund, at a meeting held June 1, 1916, the sale by sealed bids of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

THURSDAY, JUNE 22, 1916,

at 11 a. m., in lots and parcels, and in manner and form as follows:

PARCEL NO. 1. Two and one-half story frame building, 1785 Southern Boulevard, The Bronx.

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 368, Municipal Building, Borough of Manhattan, until 11.00 a. m. on the 22d day of June, 1916, 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 June 22, 1916." 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 368, Municipal Building, 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."

ALEXANDER BROUGH, Deputy and Acting Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 1, 1916. j6,22

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 the buildings, parts of buildings, etc., standing within the lines of Damage Parcel No. 208 of the Ellis ave. proceeding, and Damage Parcel No. 129 of the Havemeyer ave. proceeding, in the Borough of The Bronx, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund, adopted at a meeting held June 1, 1916, 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

WEDNESDAY, JUNE 21, 1916,

at 11 a. m., in lots and parcels, and in manner and form, and at unset prices as follows:

PARCEL NO. 129 AND NO. 208—Part of two-story frame building on the southeast corner of Havemever and Ellis aves. Cut Havemever ave. front 4.8 feet on north and south sides. Cut Ellis side 1.3 feet on front by 1.2 feet on rear. Unset price, $25.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Borough of Manhattan, until 11.00 a. m. on the 21st dav of June. 1916, 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 June 21, 1916," 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 368, Municipal Building, 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."

ALEXANDER BROUGH, Deputy and Acting Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 1, 1916. J5,21

AT THE REQUEST OF THE PRESIDENT of the Borough of Queens, 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 Queens.

BEING certain buildings, parts of buildings, etc., standing within the lines of Damage Parcels 513 and 514 of the Queens Boulevard proceeding, in the Borough of Queens, which are more particularly described on a certain map on file in the office of the Collector of City Revenue, Department of Finance, Room 368, Municipal Building, Borough of Manhattan.

PURSUANT to a resolution of the Commissioners of the Sinking Fund adopted at a meeting held June 1, 1916, the sale by sealed bids at the upset or minimum prices named in the description of each parcel, of the above described buildings and appurtenances thereto will be held by direction of the Comptroller on

TUESDAY, JUNE 20, 1916,

at 11 a. m., in lots and parcels, and in manner and form, and at upset prices as follows:

PARCEL NO. 513-514—Three-story frame building and two and one-half story frame building and sheds at the southeast corner of Queens Boulevard and Grand st., Elmhurst. Upset price, $25.

Sealed bids (blank forms of which may be obtained upon application) will be received by the Comptroller at the office of the Collector of City Revenue, Room 368, Municipal Building, Borough of Manhattan, until 11 a. m., on the 20th day of June, 1916, 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-fours, 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 June 20, 1916," 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 368, Municipal Building, 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."

ALEXANDER BROUGH, Deputy and Acting Comptroller.

City of New York, Department of Finance, Comptroller's Office, June 1, 1916. J5,21

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 Jan. 1, 1914.

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.

When such company is authorized to write that amount as per letter of Comptroller to the surety companies, dated Jan. 1, 1914

Asphalt, Asphalt Block and Wood Block Pavement.

Two companies will be required on any and every bond up to amount authorized by letter of Comptroller to the surety companies, dated Jan. 1, 1914.

Jan. 1, 1914.

WILLIAM A. PRENDERGAST, Comptroller.

BOARD OF ELECTIONS.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Board of Elections at Room 1840, Municipal Building, Manhattan, until 12 noon, on

WEDNESDAY, JUNE 21, 1916,

FOR FURNISHING AND DELIVERING STATIONERY AND SUPPLIES FOR 1916 FALL PRIMARY ELECTION, REGISTRATION, GENERAL ELECTION AND GENERAL SUPPLIES, 1916-1917, AS PER SPECIFICATIONS.

The time allowed for the performance of the contract and the delivery of the supplies contained therein, after the indorsement of the certificate of the Comptroller upon the executed contract, is as follows:

(a) For the delivery of the General Supplies, 1916-1917, sixty (60) calendar days.

(b) For the delivery of Fall Primary Election Supplies, on or before 10 a. m. on Monday, Sept. 18, 1916.

(c) For the delivery of Registration Supplies, on or before 10 a. m. on Saturday, Oct. 7, 1916.

(d) For the delivery of General Election Supplies, on or before 10 a. m. on Monday, Nov. 6, 1916.

The amount of security required to guarantee the faithful performance of the contract is fifty (50) per cent. of the total amount for which the contract is awarded.

Delivery will be required to be made at the various Police Stations or other points, as directed in the City at the time and in the manner and in such quantities as may be directed.

Blank forms and other information may be obtained at the General Office of the Board of Elections, Room 1840, Municipal Building, Borough of Manhattan.

EDWARD F. BOYLE, MOSES M. McKEE, JAMES KANE, JACOB A. LIVINGSTON, Commissioners of Elections.

S. HOWARD COHEN, Chief Clerk.

Dated, June 9, 1916. j9,21

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF HEALTH. DEPARTMENT OF PUBLIC CHARITIES.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by Department of Health, Department of Public Charities, at Room 1230, Municipal Building, Manhattan, until 12 noon on

TUESDAY, JUNE 20, 1916,

FOR FURNISHING AND DELIVERING CLOTHING, DRY GOODS AND NOTIONS, ETC.

The time for the performance of the contract is on or before Dec. 31, 1916.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

No bid will be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per each, doz., gross, yard, piece or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at Room 1230, Municipal Building, Manhattan.

DEPARTMENT OF HEALTH, H. EMERSON, Commissioner.

DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner. j8,20

☞See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

BOROUGH OF QUEENS.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens, at 3rd floor, Borough Hall, Fifth st. and Jackson ave., L. I. City, until 11 a. m. on

FRIDAY, JUNE 23, 1916,

FOR THE SEWAGE EJECTOR OF THE INCINERATOR AND STABLE BUILDINGS FOR THE BUREAU OF STREET CLEANING OF QUEENS, AT RIDGEWOOD, SECOND WARD, AT FLUSHING AVE., 135 FEET EAST OF METROPOLITAN AVE., BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be sixty (60) working days.

The amount of security required will be Seven Hundred ($700) Dollars.

Blank forms and further information may be obtained at the office of the President of the Borough of Queens.

MAURICE E. CONNOLLY, President.

Dated June 13, 1916. j13,23

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Queens at 3d floor, Borough Hall, 5th st. and Jackson ave., L. I. City, until 11 a. m. on

THURSDAY, JUNE 22, 1916,

NO. 1. FOR REGULATING, RECURBING AND REPAVING WITH ASPHALTIC CONCRETE ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN 6TH AVE. FROM 18TH ST. TO 19TH ST.; IN 16TH ST. FROM 3RD AVE. TO 7TH AVE.; IN 17TH ST. FROM 3RD AVE. TO 7TH AVE.; IN 14TH ST. FROM 3RD AVE. TO HIGH ST.; IN HIGH ST. FROM 13TH ST. TO 15TH ST., AND IN LOUISA ST. FROM 13TH ST. TO 15TH ST., COLLEGE POINT, THIRD WARD.

The time allowed for doing and completing the above work will be one hundred (100) working days.

The amount of security required will be Twenty Thousand ($20,000) Dollars.

The Engineer's estimate of the quantities is as follows:

11,900 linear feet of cement curb with steel nosing and one (1) year's maintenance.

2,720 cubic yards of concrete in place.

16,280 square yards of completed asphaltic concrete pavement and five (5) years' maintenance.

NO. 2. FOR REGULATING, RECURBING AND REPAVING WITH ASPHALTIC CONCRETE ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN 2ND ST. FROM 1ST AVE. TO 2ND AVE.; IN 3RD ST. FROM 1ST AVE. TO 3RD AVE.; IN 4TH ST. FROM 1ST AVE. TO 2ND AVE.; IN 5TH ST. FROM 1ST AVE. TO 3RD AVE.; IN 6TH ST. FROM 1ST AVE. TO 2ND AVE.; IN 7TH ST. FROM 1ST AVE. TO 2D AVE.; IN 7TH ST. FROM 1ST AVE. TO AVE. C; IN 8TH ST. FROM 3RD AVE. TO AVENUE C; IN 9TH ST. FROM 1ST AVE. TO 3RD AVE., COLLEGE POINT, 3RD WARD.

The time allowed for doing and completing the above work will be one hundred (100) working days.

The amount of security required will be Eighteen Thousand ($18,000) Dollars.

The Engineer's estimate of the quantities is as follows:

10,520 linear feet of cement concrete curb with steel nosing and one (1) year's maintenance.

2,350 cubic yards of concrete in place.

14,070 square yards of completed asphaltic concrete pavement and five (5) years' maintenance.

100 square yards of wood block pavement relaid.

NO. 3 FOR REGULATING, RECURBING AND REPAVING WITH ASPHALTIC CONCRETE ON A CONCRETE FOUNDATION, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN 10TH ST. FROM 7TH AVE. TO AVENUE C; IN COLLEGE AVE. FROM AVENUE C TO NORTH BOULEVARD; IN NORTH BOULEVARD FROM COLLEGE AVE. TO 13TH ST., COLLEGE POINT, THIRD WARD.

The time allowed for doing and completing the above work will be one hundred (100) working days.

The amount of security required will be Twenty Thousand ($20,000) Dollars.

The Engineer's estimate of the quantities is as follows:

11,950 linear feet of cement concrete curb with steel nosing and one (1) year's maintenance.

2,880 cubic yards concrete in place.

17,270 square yards of completed asphaltic concrete pavement and five (5) years' maintenance.

20 square yards of wood block pavement relaid.

50 square yards of stone gutters relaid.

NO. 4. FOR REGULATING AND GRADING THE ROADWAY SPACE AND PAVING WITH A PERMANENT PAVEMENT OF SHEET ASPHALT ON A CONCRETE FOUNDATION SIX INCHES IN THICKNESS, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN JEROME AVE. FROM HATCH AVE. TO GREENWOOD AVE., FOURTH WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be fifty (50) working days.

The amount of security required will be Twenty Thousand ($20,000) Dollars.

The Engineer's estimate of the quantities is as follows:

1,000 cubic yards of earth excavation.

50 linear feet of new bluestone curb (not to be bid for).

150 linear feet of old curb, redressed and reset (not to be bid for).

3,000 cubic yards of concrete in place.

17,800 square yards of sheet asphalt pavement (laid outside of the railroad franchise area, including binder course, and five (5) years' maintenance).

500 cubic yards of broken stone taken up and delivered on intersecting streets and as directed by the Engineer.

NO. 5. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), AND ALL WORK INCIDENTAL THERETO, IN NORTH CURTIS AVE., FROM JAMAICA AVE. TO RIDGEWOOD (STEWART) AVE., FOURTH WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be twenty-five (25) working days.

The amount of security required will be Eighteen Hundred ($1,800) Dollars.

The Engineer's estimate of the quantities is as follows:

200 cubic yards earth excavation.

1,200 cubic yards of embankment (in excess of excavation).

50 linear feet of old curb, redressed and reset.

1,700 linear feet of cement curb with steel nosing and one (1) year's maintenance.

8,000 square feet of cement sidewalk and one (1) year's maintenance.

NO. 6. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), AND ALL WORK INCIDENTAL THERETO, IN WOODBINE ST., BETWEEN FOREST AVE. AND PROSPECT AVE., SECOND WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be ten (10) working days.

The amount of security required will be Two Hundred ($200) Dollars.

The Engineer's estimate of the quantities is as follows:

50 linear feet old curb, redressed and reset.

50 linear feet of cement curb with steel nosing and one (1) year's maintenance.

100 square feet of old flagstone sidewalk, retrimmed and relaid.

2,200 square feet of cement sidewalk and one (1) year's maintenance, including all grading.

3 trees to be removed and replaced.

NO. 7. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), CROSSWALKS AND GUTTERS WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN BANKS AVE., FOR A WIDTH OF 60 FEET, CENTRALLY LOCATED, FROM DITMARS AVE. TO COUCH PL.; IN BUELL PL. FROM BANKS AVE. TO THE SUMMIT SOUTHEASTERLY THEREFROM, AND FOR A WIDTH OF 50 FEET CENTRALLY LOCATED IN BUTLER ST. AND IN CURTIS ST., FROM BANKS AVE. TO THE SUMMITS NORTHWESTERLY THEREFROM, SECOND WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be seventy-five (75) days.

The amount of security required will be Four Thousand ($4,000) Dollars.

The Engineer's estimate of the quantities is as follows:

12,200 cubic yards of earth excavation.

50 cubic yards of rock excavation.

1,800 linear feet of cement curb with steel nosing and one (1) year's maintenance.

9,000 square feet of cement sidewalk and one (1) year's maintenance.

10 cubic yards of concrete in place.

100 square yards of stone block gutters, furnished and laid.

700 square yards of stone block gutters relaid.

70 cubic yards of broken stone, in place.

23 norway maple trees to be replanted, and 17 Poplar trees to be removed and replaced with new trees (not to be bid for).

NO. 8. FOR REGULATING AND GRADING FOR A WIDTH OF TWENTY-FIVE (25) FEET ON EACH SIDE OF THE CENTER LINE, CURBING AND LAYING CROSSWALKS AND SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), AND ALL WORK INCIDENTAL THERETO, IN 47TH ST. FROM HAYES AVE. TO ASTORIA (FLUSHING) AVE., SECOND WARD OF THE BOROUGH OF QUEENS.

The time allowed for doing and completing the above work will be sixty (60) working days.

The amount of security required will be Four Thousand ($4,000) Dollars.

The Engineer's estimate of the quantities is as follows:

2,700 cubic yards earth excavation.

10 cubic yards of rock excavation.

3,900 linear feet of cement curb with steel nosing and one (1) year's maintenance.

18,600 square feet of cement sidewalk and one (1) year's maintenance.

300 square feet of new crosswalks.

300 square yards of stone block gutters furnished and laid.

54 trees to be removed and 36 replanted or replaced, in their stead, to the new lines and grades, not to be bid for.

NO. 9. FOR REGULATING, GRADING, CURBING AND LAYING SIDEWALKS (WHERE NOT ALREADY LAID TO GRADE AND IN GOOD CONDITION), TOGETHER WITH ALL WORK INCIDENTAL THERETO, IN JOHN ST., FROM METROPOLITAN AVE. TO BLEECKER ST. (PROSPECT PL.), SECOND WARD OF THE 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 One Thousand ($1,000) Dollars.

The Engineer's estimate of the quantities is as follows:

200 cubic yards of earth excavation.

300 cubic yards of embankment (in excess of excavation).

1,150 linear feet of new bluestone curb.

225 linear feet of old curb redressed and reset.

5,000 square feet of cement sidewalk and one (1) year's maintenance.

5 cubic yards of concrete.

10 square yards granite block pavement, furnished and laid.

10 square yards granite block pavement relaid.

2 catch basins rebuilt.

3 trees to be removed, two of which shall be replaced, not to be bid for.

The bidder must state the price of each item or article contained in the specification or schedule herein contained or hereafter annexed, per square yard, linear foot or other unit of measure,

by which the bids will be tested. Bids will be compared and each 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 June 12, 1916.

j12,22 MAURICE E. CONNOLLY, President.

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF PLANT AND STRUCTURES.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Plant and Structures at his office, Municipal Building, Manhattan, until 2 p. m. on

THURSDAY, JUNE 22, 1916,

FOR FURNISHING AND DELIVERING SAND AND GRAVEL TO THE QUEENSBORO BRIDGE.

The time allowed for the full delivery of the material and for the complete performance of the contract will be one hundred and eighty (180) calendar days after the date of certification of the contract by the Comptroller of the City.

The bidder shall state a unit price for each item contained in the specifications or schedules, by which the bids will be tested. The bids will be compared and the award, if made, will be made to the lowest formal bidder in an aggregate sum for the total of all items.

The amount of security to guarantee the faithful performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

The right is reserved by the Commissioner to reject all the bids, should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Plant and Structures.

F. J. H. KRACKE, Commissioner.

Dated, June 8, 1916. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Plant and Structures at his office, Municipal Building, Manhattan, until 2 p. m. on

THURSDAY, JUNE 22, 1916,

FOR FURNISHING AND DELIVERING WOOD PAVING BLOCKS TO THE QUEENSBORO BRIDGE (HEAVY OIL TREATMENT).

The time allowed for the full delivery of the material and for the complete performance of the contract will be one hundred (100) calendar days after the date of certification of the contract by the Comptroller of the City.

The amount of security to guarantee the faithful performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

The right is reserved by the Commissioner to reject all the bids, should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Plant and Structures.

F. J. H. KRACKE, Commissioner.

Dated, June 8, 1916. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Plant and Structures at his office, Municipal Building, Manhattan, until 2 p. m. on

THURSDAY, JUNE 22, 1916,

FOR FURNISHING AND DELIVERING WOOD PAVING BLOCKS TO THE QUEENSBORO BRIDGE (HEAVY OIL TREATMENT).

The time allowed for the full delivery of the material and for the complete performance of the contract will be one hundred (100) calendar days after the date of certification of the contract by the Comptroller of the City.

The amount of security to guarantee the faithful performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

The right is reserved by the Commissioner to reject all the bids, should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Plant and Structures.

F. J. H. KRACKE, Commissioner.

Dated, June 8, 1916. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Plant and Structures at his office, Municipal Building, Manhattan, until 2 p. m. on

THURSDAY, JUNE 22, 1916,

FOR FURNISHING AND DELIVERING WOOD PAVING BLOCKS TO THE QUEENSBORO BRIDGE (WATER GAS OIL TREATMENT).

The time allowed for the full delivery of the material and for the complete performance of the contract will be one hundred (100) calendar days after the date of certification of the contract by the Comptroller of the City.

The amount of security to guarantee the faithful performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

The right is reserved by the Commissioner to reject all the bids, should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Plant and Structures.

F. J. H. KRACKE, Commissioner.

Dated, June 8, 1916. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Plant and Structures at his office, Municipal Building, Manhattan, until 2 p. m. on

THURSDAY, JUNE 22, 1916,

FOR FURNISHING AND DELIVERING CEMENT TO THE QUEENSBORO BRIDGE.

The time allowed for the full delivery of the material and for the complete performance of the contract will be one hundred and eighty (180) calendar days after the date of certification of the contract by the Comptroller of the City.

The amount of security to guarantee the faithful performance of the contract will be thirty (30) per cent. of the total amount for which the contract is awarded.

The right is reserved by the Commissioner to reject all the bids, should he deem it to the interest of the City so to do.

Blank forms and specifications may be obtained at the office of the Department of Plant and Structures.

F. J. H. KRACKE, Commissioner.

Dated, June 8, 1916. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOROUGH OF RICHMOND.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Richmond, at Borough Hall, St. George, New Brighton, S. I., until 12 noon, on

MONDAY, JUNE 19, 1916,

Borough of Richmond.

FOR REGULATING AND REPAVING WITH GRANITE BLOCK PAVEMENT, THE ROADWAY OF NORTH ST., FROM RICHMOND TERRACE TO ITS NORTHERLY TERMINUS, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the quantity and quality of the materials, and the nature and extent, as near as possible, of the work required, is as follows:

850 square yards of granite block pavement, including sand bed and laid with cement grout joints, with one year maintenance.

10 square yards of special cut granite block pavement, including sand bed and laid with cement grout joints, with one year maintenance.

180 cubic yards of concrete foundation.

515 linear feet of old curb, rejointed, redressed and reset.

175 linear feet of new 4-inch x 16-inch bluestone curbstone, furnished and set.

2,200 square feet of old sidewalk, relaid to new grade.

50 linear feet of roof leader outlets, relaid.

6 linear feet of 12-inch vitrified pipe, furnished and laid.

1 cubic yard of brick masonry.

100 square feet of No. 4 expanded metal, furnished and placed.

1 cubic yards of reinforced concrete.

The time for the completion of the work and the full performance of the contract is forty (40) days.

The amount of security required for the performance of the contract is Two Thousand Dollars ($2,000), and the amount of deposit accompanying the bid shall be five (5%) per cent. of the amount of security.

The bidder shall state the price of each item contained in the Engineer's estimate. The bids will be compared and the contract awarded at a lump or aggregate sum for the 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, Bureau of Engineering, Borough Hall, St. George, S. I., where plans and the contract, including the specifications, in the form approved by the Corporation Counsel, may be seen and other information obtained.

CALVIN D. VAN NAME, President.

Dated June 5, 1916. j8,19

☞See General Instructions to Bidders on last page, last column, of the "City Record."

DEPARTMENT OF PARKS.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the office of the Department of Parks, Municipal Building, Manhattan, until 3 p. m. on

THURSDAY, JUNE 22, 1916,

FOR ALL LABOR AND MATERIALS REQUIRED TO WATERPROOF AND REPAVE BREEZE HILL BRIDGE, PROSPECT PARK, BOROUGH OF BROOKLYN, INCLUDING WORK INCIDENTAL THERETO.

The amount of security required is Seven Hundred Dollars ($700).

The time allowed to complete the work will be fifteen (15) consecutive working days.

Certified check or cash in the sum of Thirty-five Dollars ($35) must accompany bid.

Blank forms and other information may be obtained at the office of the Department of Parks, Brooklyn, Litchfield Mansion, Prospect Park West and 5th st., Prospect Park, Brooklyn.

The bids will be compared and the contract awarded at a lump or aggregate sum.

CABOT WARD, President; RAYMOND V. INGERSOLL, THOMAS W. WHITTLE, JOHN E. WEIER, Commissioners of Parks. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Park Board at the office of the Department of Parks, Municipal Building, Manhattan, until 3 p. m. on

THURSDAY, JUNE 15, 1916,

Borough of Manhattan.

FOR ALL LABOR AND MATERIALS REQUIRED FOR SPECIAL STEEL ALCOHOLIC STORAGE STACKS FOR THE AMERICAN MUSEUM OF NATURAL HISTORY.

The amount of security required is One Thousand Dollars ($1,000).

The time allowed to complete the work will be sixty (60) consecutive working days.

Certified check or cash in the sum of Fifty Dollars ($50) must accompany bid.

Blank forms and other information may be obtained at the office of the Department of Parks, Manhattan and Richmond, Room 1004, Municipal Building, Manhattan.

The bids will be compared and the contract awarded at a lump or aggregate sum.

CABOT WARD, President; RAYMOND V. INGERSOLL, THOMAS W. WHITTLE, JOHN E. WEIER, Commissioners of Parks. j3,15

☞See General Instructions to Bidders on last page, last column, of the "City Record."

Sales of Privileges.

SEALED BIDS WILL BE RECEIVED BY the Park Commissioner, Manhattan and Richmond, at the office of the Department of Parks, 10th floor, Municipal Building, Manhattan, until 12 noon

WEDNESDAY, JUNE 21, 1916,

FOR THE FOLLOWING PRIVILEGES:

Item No. 1: Conducting a restaurant at the building known as the McGown's Pass Tavern in Central Park.

Item No. 2: Conducting a restaurant at the building known as the Casino building in Central Park.

Subject to the following conditions:

On Item No. 1.

A. The City of New York will expend about $14,000 on the exterior and interior structural repairs of this building, pursuant to a resolution of the Board of Estimate and Apportionment passed April 7, 1916.

B. The term of lease will be Ten (10) years from the completion of the repairs undertaken, pursuant to this resolution.

C. The privilege holder shall operate a lunch room and lunch counter in the basement of said building, and shall operate on the main floor a restaurant serving a table d-hote meal of not more than 75 cents and not less than fifty cents, and shall serve a la carte dishes at a moderate scale of prices to be approved by the Park Commissioner. Dancing will be permitted on the main floor at the pleasure of the Commissioner, and the privilege holder will be permitted to place tables in the space west of said building to the easterly boundary of the park walk, extending west of the building.

Bidders may bid on any or all items. The Commissioner reserves the right to award any item to the high bidder thereon, or to award both items to the bidder whose aggregate bids for both items shall be higher than any other bidder for those two items. No bids will be considered unless accompanied by a certified check on one of the national or state banks of the City of New York drawn to the order of the Comptroller of New York City, or money to the amount of $500 on Item No. 1; $500 on Item No. 2, as guarantee that the successful bidder will carry out the terms of his bid.

Should the successful bidder or bidders refuse or neglect to execute the agreement for the privilege, if award is made to him by the Commissioner, or to furnish the necessary security within five days after notice of award, the amount of deposit accompanying his bid shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal.

The amount of the security for the faithful performance of the terms of the agreement for the privilege shall be 20% of the total amount for which the privilege is awarded.

The Commissioner of Parks will accept as satisfactory surety to the bond for the faithful performance of the agreement a duly qualified surety company approved by the Comptroller of the City, or cash, certified check, or corporate stock of the City of New York of an amount equal to the security required to be deposited with him as collateral security.

The form of bid and agreement and other information can be obtained at the office of the Department of Parks, Municipal Building, City of New York.

On Item No. 2,.

A. The City of New York will expend about $7,000 on the exterior and interior structural repairs to the building, pursuant to a resolution of the Board of Estimate and Apportionment passed April 7, 1916.

B. The term of lease will be Ten (10) years from the completion of the repairs undertaken, pursuant to this resolution.

C. The privilege holder shall operate the building as a moderate priced restaurant, with a schedule of prices for a la carte dishes to be approved by the Park Commissioner, and shall serve a table d'hote meal at a price of not more than 75 cents and not less than fifty cents.

Dancing will be permitted on the main floor of the building at the pleasure of the Commissioner.

The privilege holder shall have the right to place a single row of tables along the walk in the perrons overlooking the Mall.

The Commissioner of Parks reserves the right to reject all bids, and also, in case of unsatisfactory service or violation of conditions, to revoke the permit.

No bid shall be withdrawn pending the awards. The deposits of the unsuccessful bidders will be returned within three days after the awards shall have been made.

CABOT WARD, Commissioner of Parks, Manhattan and Richmond. j9,21

BELLEVUE AND ALLIED HOSPITALS, DEPARTMENT OF CORRECTION, FIRE DEPARTMENT, DEPARTMENT OF PARKS, DEPARTMENT OF PLANT AND STRUCTURES, POLICE DEPARTMENT, DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by Bellevue and Allied Hospitals, Department of Correction, Fire Department, Department of Parks, Manhattan and Richmond; Department of Parks, Bronx; Department of Plant and Structures, Police Department, Department of Water Supply, Gas and Electricity, at Room 1230, Municipal Building, Manhattan, until 12 noon, on

THURSDAY, JUNE 22, 1916,

FOR FURNISHING AND DELIVERING COAL.

The time for the performance of the contract is on or before March 31, 1917.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

No bid will be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per gross ton, or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read from the total and awards, if made, made to the lowest bidder on each item, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at Room 1230, Municipal Building, Manhattan.

BOARD OF TRUSTEES, BELLEVUE AND ALLIED HOSPITALS, JOHN W. BRANNAN, M. D., President.

DEPARTMENT OF CORRECTION, BURDETTE G. LEWIS, Commissioner.

FIRE DEPARTMENT, ROBERT ADAMSON, Commissioner.

PARK BOARD, CABOT WARD, President; THOS. W. WHITTLE, RAYMOND V. INGERSOLL, JOHN E. WEIER, Commissioners of Parks.

DEPARTMENT OF PLANT AND STRUCTURES, F. J. H. KRACKE, Commissioner.

POLICE DEPARTMENT, A. WOODS, Commissioner.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, WILLIAM WILLIAMS, Commissioner. j10,22

☞See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

DEPARTMENT OF DOCKS AND FERRIES.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at his office, Pier "A," foot of Battery Place, north River, Manhattan, until 12 noon on

FRIDAY, JUNE 23, 1916,

CONTRACT NO. 1501.

FOR FURNISHING AND DELIVERING SIX (6) PROPELLER WHEELS FOR THE STATEN ISLAND FERRYBOATS.

The time for the completion of the work and the full performance of the contract is on or before the expiration of 120 calendar days.

The amount of security required for the performance of the contract shall be thirty (30) per cent. of the total amount for which the contract is awarded.

The deposit to accompany bid shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder shall state a unit price at which he is prepared to furnish and deliver all the propeller wheels and shall extend the total as required on the schedule. In case of discrepancy between the unit and total price, the unit price will be considered as the bid.

Delivery will be required to be made at the time and in the manner as may be directed.

Blank forms and further information may be obtained at the office of the said Department.

R. A. C. SMITH, Commissioner of Docks.

Dated June 9, 1916. j12,23

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at his office, Pier "A," foot of Battery Place, North River, Manhattan, until 12 o'clock noon, on

MONDAY, JUNE 19, 1916,

CONTRACT NO. 1520.

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR RECEIVING AND REMOVING ASHES BY SCOWS.

The time for the completion of the work and the amount of security required in each class are as follows:

Class 1—For receiving and removing about 85 cubic yards of ashes per day from St. George, Staten Island, the time shall be 195 calendar days and the security shall be $500.

Class 2—For receiving and removing about 25 cubic yards of ashes per day from 39th st., in the Borough of Brooklyn, the time shall be 175 calendar days, and the security shall be $500.

The bidder shall state, both in writing and in figures, a total price for furnishing all of the labor and equipment necessary to do and complete all of the work called for in the class on which a bid is submitted. Bids may be submitted on one or both classes, as each class is a separate and distinct contract in itself, and awards, if made, will be made in each class to the bidder whose price is the lowest for doing all of the work called for 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.

Scows must be furnished 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.

R. A. C. SMITH, Commissioner of Docks.

Dated June 5, 1916 j7,19

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Commissioner of Docks at his office, Pier "A," foot of Battery Place, North River, Manhattan, until 12 noon on

THURSDAY, JUNE 15, 1916,

Borough of Manhattan.

CONTRACT NO. 1519.

FOR REPAIRING THE PIER AT THE FOOT OF W. 55TH ST., NORTH RIVER, BOROUGH OF MANHATTAN, AND BUILDING A FREIGHT SHED ON THE PIER AND THE BULKHEAD ADJACENT, WITH APPURTENANCES, INCLUDING HEATING AND PLUMBING.

The time allowed for the completion of the work in each class and the amount of security required in each class are as follows:

Classes 1, 2 and 3—For repairing the pier, laying concrete surface, constructing pile foundations, constructing concrete foundations, building freight shed with appurtenances, and for laying an asphalt pavement over the deck of the pier and on the bulkhead, the time will be four hundred (400) calendar days and the security will be $25,000.

Class 4—For installing a heating system within the freight shed, the time will be ninety (90) calendar days and the security will be $3,800.

Class 5—For installing plumbing work within the freight shed, the time will be ninety (90) calendar days and the security will be $3,200.

Bidders shall state both in writing and in figures a total price on each and every contract upon which they desire to bid. Classes 1, 2 and 3 together form one contract, and, in addition to the total bid on these three classes combined, bidders on classes 1, 2 and 3 must also furnish a price for each of the three classes separately. Classes 4 and 5 each form a separate and distinct contract. Award on any of the three contracts, if made, will be to the bidder whose price is the lowest for doing all of the work in the particular contract and whose bid is regular in all respects. In case of discrepancy between the written price and that given in figures, the price in writing will be considered as the bid.

Work must be done at the time and in the manner as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the said Department.

R. A. C. SMITH, Commissioner of Docks.

Dated June 2, 1916. j3,15

☞See General Instructions to Bidders on last page, last column, of the "City Record."

MUNICIPAL CIVIL SERVICE COMMISSION.

Proposed Amendments to Classification.

PUBLIC NOTICE IS HEREBY GIVEN OF the following proposed amendments to the classification:

1. By including in the Non-Competitive Class, under the heading "Positions in the Bellevue and Allied Hospitals, at compensations not exceeding the amounts set forth below" (without maintenance), the following:

Fire Drill Expert, $900 *per annum.*

2. By including in the Non-Competitive Class, under the heading "Positions in the Department of Public Charities, at compensations not exceeding the amounts set forth below" (with maintenance), the following:

Overseer, $780 *per annum.*

3. By including in the Labor Class, Part II, the title,

Welder.

PUBLIC HEARINGS WILL BE ALLOWED, in accordance with Rule III, at the request of any interested persons, at the Commission's offices in the Municipal Building, Room 1443, on

WEDNESDAY, JUNE 14, 1916,

beginning at 10.30 a. m.

j12,14 R. W. BELCHER, Secretary.

Notices of Examinations.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received beginning at 1 p. m. on

TUESDAY, JUNE 27, 1916,

and the receipt of applications will continue thereafter until further notice for the position of

CUTTER (LABOR CLASS, PART III),

at the office of the Application Bureau, Room 1400, Municipal Building, Centre and Chambers sts., Manhattan.

Applicants must present themselves in person when filing applications on Tuesday, June 27, 1916, at 1 p. m., as no applications will be received by mail on that day. After Tuesday, June 27, 1916, application blanks will be mailed on request, provided a self-addressed stamped envelope or proper postage is enclosed with the request, but the Commission will not guarantee the delivery of the same.

Applications forwarded by mail upon which full postage is not prepaid will not be accepted.

Applicants must be citizens of the United States and residents of the State of New York. Proof of naturalization must accompany application.

Candidates must be not less than 21 years of age at the time of filing applications. In addition, they must furnish evidence of at least two years' experience as a Cutter and must pass a practical examination.

Only men of good moral character will be accepted. A rigid investigation will be made into the character of each applicant.

The dates for the physical examination and for the practical test will be announced later.

Vacancies occur from time to time in the tailoring shops of the Department of Public Charities, the Department of Correction and other public institutions. Usual salary is $900 per annum.

j13,27 R. W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received by the Municipal Civil Service Commission, Municipal Building, Manhattan, New York City, from

MONDAY, JUNE 12, 1916, TO MONDAY, JUNE 26, 1916,

for the position of

STENOTYPIST, GRADE 2 (MALE AND FEMALE).

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m. MONDAY, JUNE 26, 1916, will be accepted. Application blanks will be mailed upon request, provided a self-addressed stamped envelope, or sufficient postage, is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York.

The subjects and weights of the examination are: Spelling, 1. Copying from plain copy on typewriter, 1; 70% required. Transcribing stenotype notes, 2; 70% required. Speed in taking dictation on stenotype, 2; 70% required. Accuracy in transcribing dictation on typewriter, 4; 70% required. 70% general average required.

A qualifying physical examination will be given. Candidates failing to pass the physical test will not be summoned for the mental test.

Duties: The duties of a Stenotypist are to take notes of dictations, hearings and examinations on the stenotype machine and to transcribe these notes on the typewriter.

The examination will be held on two days. On the first day the candidates will be given a test in spelling, consisting of twenty words; a test in copying three hundred words from plain copy on the typewriter in five minutes, and a test in copying three hundred words on the typewriter from stenotype notes furnished to the candidate by the Commission. Candidates who fail to receive at least 70% in the test of copying from plain copy, and at least 70% in the test of copying from stenotype notes, will not be summoned for the second day of the examination.

On the second day three dictations will be given, to be taken by the candidates on the stenotype machine and transcribed on the typewriter. Each dictation will be two minutes in length. The first dictation will be given at one hundred and thirty words per minute, the second at one hundred and forty-five words per minute, the third at one hundred and sixty words per minute. The speed rating for the first will be 70%; for the second 85%; for the third 100%. The accuracy mark will depend upon correctness, neatness, freedom from erasures, completeness and general excellence of appearance.

On the first day of the examination candidates must furnish their own typewriting machines, pens and ink. On the second day of the examination candidates must furnish their own typewriting machines, stenotype machines, stenotype paper, pens and ink. The Commission will not at any time or in any way be responsible for typewriting or stenotype machines, nor will any allowance be made where they are missing, late in arriving, defective, or out of order on the day of the examination.

Candidates must be at least 17 years of age on the closing date for the receipt of applications.

The salary is from $600 to, but not including, $1,200 per annum, and vacancies occur from time to time. The compensation rates proposed by the Board of Estimate and Apportionment for this position are from $720 to $900, inclusive. Under the terms and conditions of the budget for the year 1916 appointments will as a rule be made at the lowest compensation rate.

The term of the eligibility of the list resulting from this examination is fixed at not less than one year nor more than four years.

The requirement of paragraph 12 of Rule VII that no person who has entered any examination for appointment to a competitive position and failed, or who has withdrawn from an examination, shall be admitted within nine months from the date of such examination to a new examination for the same position, is waived for this examination.

R. W. BELCHER, Secretary.

j12,26

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received by the Municipal Civil Service Commission, Municipal Building, Manhattan, New York City, from

FRIDAY, JUNE 9, 1916, TO FRIDAY, JUNE 23, 1916,

for the position of

BOOKBINDER.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m. FRIDAY, JUNE 23, 1916, will be accepted. Application blanks will be mailed upon request, provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York.

The subjects and weights of the examination are: Experience, 2. Practical Test, 4. Duties Paper, 4.

Candidates receiving less than 75% in Practical Test will not be called for the written examination; 70% required on Duties Paper and 70% on all.

A qualifying physical examination will be given. Candidates failing to pass the physical test will not be summoned for the Practical Test.

Applications for this examination must be filed on a special blank, Form B.

DUTIES: The duties of a Bookbinder are: To repair broken bindings and torn leaves; to bind loose leaves; to patch and rebind old records; to rule paper; to make filing boxes; and do special work in gilt-edging and lettering.

REQUIREMENTS: Candidates must present evidence of five years' practical experience "Forwarding" and "Finishing" in blank-book, map and commercial bookbinding. They also should have a thorough knowledge of working methods and materials used in an up-to-date bindery.

Candidates must be at least 21 years of age on the closing date for the receipt of applications.

The salary is $1,140 to $1,320 per annum.

The term of the eligibility of the list resulting from this examination is fixed at not less than one year nor more than four years.

j9,23 R. W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received by the Municipal Civil Service Commission, Municipal Building, Manhattan, New York City, from

THURSDAY, JUNE 8, 1916, TO THURSDAY, JUNE 22, 1916,

for the postion of

CLERK, 1ST GRADE, MALE.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m. THURSDAY, JUNE 22, 1916, will be accepted.

Application blanks will be mailed upon request, provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of applications sent by mail. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York.

The subjects and weights of the examination are: Spelling, 1; 70% required. General Paper (including letter), 3; 70% required. Handwriting, 3; 70% required. Spelling, 1; 70% required.

A general average of 70% is required. A qualifying physical examination will be given.

The general paper will consist of elementary questions on government and general office routine.

Candidates must be at least 14 years of age, and not more than 18 years of age on the closing date for the receipt of applications.

All applicants must present with their applications a copy of birth certificate as recorded in the Department of Health, or a transcript of school record.

Vacancies occur constantly.

The present salary range is from $300 to, but not including, $600 per annum. The salary range recommended by the Bureau of Standards is from $300 to $480, inclusive.

The term of the eligibility of the list resulting from this examination is fixed at not less than one year nor more than four years.

j8,22 R. W. BELCHER, Secretary.

PUBLIC NOTICE IS HEREBY GIVEN THAT applications will be received by the Municipal Civil Service Commission, Municipal Building, Manhattan, New York City, from

MONDAY, JUNE 5, 1916, TO MONDAY, JUNE 19, 1916,

for the postion of

INSPECTOR OF LIGHT AND POWER, GRADE 2.

No applications delivered at the office of the Commission, by mail or otherwise, after 4 p. m., MONDAY, JUNE 19, 1916, will be accepted. Application blanks will be mailed upon request, provided a self-addressed stamped envelope or sufficient postage is enclosed to cover the mailing. The Commission will not guarantee the delivery of the same. Postage on applications forwarded by mail must be fully prepaid.

Applicants must be citizens of the United States and residents of the State of New York.

The subjects and weights of the examination are: Technical, 7; 75% required. Experience, 3; 70% required.

A qualifying physical examination will be given. Candidates failing to pass the physical test will not be summoned for the mental test.

Applications for this examination must be filed on a special blank, Form C.

Duties: The duties of an Inspector of Light and Power, Grade 2, are to inspect and report on electrical repairs and supplies, and on the proper installation, operation and maintenance of electrical equipment; to insure compliance with the provisions of the Electrical Code or Contract Specifications; and to inspect and pass upon the lighting of street and public buildings as to general illumination and economical efficiency.

Requirements: Candidates must present evidence of not less than two years' experience as wireman or two years' operating experience in an electrical generating plant, or two years' testing experience in the shops of an electric manufacturing company, or the equivalent of such experience.

Candidates must be at least 21 years of age on the closing date for the receipt of applications.

The salary is $1,140 to $1,500 per annum. There are no vacancies at present.

Certifications may be made from this list for the positions of Inspector of Electrical Conductors and Inspector of Electricity.

The term of the eligibility of the list resulting from this examination is fixed at not less than one year nor more than four years.

j5,19 R. W. BELCHER, Secretary.

BOROUGH OF THE BRONX.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx, at his office, Municipal Building, Crotona Park, 177th st. and 3rd ave., until 10.30 a. m., on

TUESDAY, JUNE 20, 1916,

NO. 1. FOR PAVING WITH BITUMINOUS CONCRETE ON A CEMENT CONCRETE FOUNDATION, THE ROADWAYS OF W. 180TH ST., FROM DAVIDSON AVE. TO HARRISON AVE.; HARRISON AVE., GRAND AVE. AND DAVIDSON AVE., FROM BURNSIDE AVE. TO W. 181ST ST., ADJUSTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO (PRELIMINARY PAVEMENT).

The Engineer's estimate of the work is as follows:

11,295 square yards of bituminous concrete pavement, and keeping the pavement in repair for five years from date of acceptance.

1,275 cubic yards of Class B concrete.

6,570 linear feet of curbstone adjusted.

The time allowed for the full completion of the work herein described will be 60 consecutive working days.

The amount of security required for the performance of the contract will be Seventy-three Hundred Dollars ($7,300).

The bidder will state the price of each tiem or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard, or other unit of measure, by which the bids will be tested. The bids will be compared and the contract awarded at a lump or aggregate sum for the contract.

Blank forms of bids or estimates upon which bids must be made can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office. DOUGLAS MATHEWSON, President.

j8,20

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of The Bronx, at his office, Municipal Building, Crotona Park, 177th st. and 3rd ave., until 10.30 a. m., on

WEDNESDAY, JUNE 14, 1916,

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR THE ERECTION OF FIRE ESCAPES, AND IMPROVING THE VENTILATING SYSTEM OF THE COURT ROOMS IN THE BUILDING OCCUPIED BY THE MUNICIPAL COURT, BOROUGH OF THE BRONX, LOCATED AT 162d ST. AND BROOK AVE.

The time allowed for erecting and completing the above work will be sixty (60) consecutive working days.

The amount of security required for the performance of the contract will be Two Thousand Dollars ($2,000).

NO. 2. FOR PAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION, THE ROADWAYS OF ST. MARY'S ST. FROM JACKSON AVE. TO WALES AVE.; WALES AVE. FROM THE EXISTING PAVEMENT SOUTH OF ST. MARY'S ST. TO E. 142d ST., AND SETTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO. (Permanent pavement.)

The Engineer's estimate of the work is as follows:

1,900 square yards of sheet asphalt pavement (medium traffic mixture) and keeping the pavement in repair for five years from date of acceptance.

380 cubic yards Class B concrete.

570 linear feet of new curb.

560 linear feet of old curb.

The time allowed for the full completion of the work herein described will be 30 consecutive working days.

The amount of security required for the performance of the contract will be Two Thousand Dollars ($2,000).

NO. 4. FOR PAVING WITH BITUMINOUS CONCRETE ON A CEMENT CONCRETE FOUNDATION, THE ROADWAY OF WALTON AVE., FROM FORDHAM RD. TO BURNSIDE AVE., ADJUSTING CURB WHERE NECESSARY, TOGETHER WITH ALL WORK INCIDENTAL THERETO. (Preliminary Pavement.)

The Engineer's estimate of the work is as follows:

2,360 square yards of bituminous concrete pavement, and keeping the pavement in repair for five years from date of acceptance.

265 cubic yards of Class B concrete.

680 linear feet of curbstone adjusted.

The time allowed for the full completion of the work herein described will be 30 consecutive working days.

The amount of security required for the performance of the contract will be Fifteen Hundred Dollars ($1,500).

NO. 5. FOR CONSTRUCTING SEWER AND APPURTENANCES IN HONE AVE., BETWEEN WALKER AVE. AND THE PROPERTY OF THE NEW YORK, NEW HAVEN AND HARTFORD RAILROAD COMPANY, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

376 linear feet of vitrified pipe sewer, 12-inch

15 linear feet of vitrified pipe drains, 12-inch to 24-inch.

56 spurs for house connections.

4 manholes.

10 cubic yards of rock excavation.

30 cubic yards of Class C concrete.

1,000 feet (B.M.) of timber sheeting.

The time allowed for the full completion of the work herein described will be 30 consecutive working days.

The amount of security required for the performance of the contract will be Seven Hundred and Fifty Dollars ($750).

NO. 6. FOR CONSTRUCTING SEWER AND APPURTENANCES IN CROTONA PARKWAY FROM A POINT ABOUT 125 FEET NORTH OF E. 176TH ST. TO A POINT ABOUT 340 FEET NORTH OF E. 176TH ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

215 linear feet of vitrified pipe sewer, 12-inch.

10 linear feet of vitrified pipe drains, 12-inch to 24-inch.

18 spurs for house connections.

2 manholes.

25 cubic yards of rock excavation.

15 cubic yards of Class C concrete.

1,000 feet (B.M.) of timber sheeting.

The time allowed for the full completion of the work herein described will be 30 consecutive working days.

The amount of security required for the performance of the contract will be Five Hundred Dollars ($500).

NO. 7. FOR CONSTRUCTING SEWER AND APPURTENANCES IN W. 238TH ST., BETWEEN KINGSBRIDGE AVE. AND SPUYTEN DUYVIL RD., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

262 linear feet of vitrified pipe sewer, 18-inch.

260 linear feet of vitrified pipe sewer, 15-inch.

200 linear feet of vitrified pipe sewer, 12-inch.

25 linear feet of vitrified pipe drains, 12-inch to 24-inch.

86 spurs for house connections.

8 manholes.

10 cubic yards of rock excavation.

60 cubic yards of Class A concrete.

260 cubic yards of Class B concrete.

60 cubic yards of Class C concrete

7,000 pounds of steel reinforcement bars.

6,000 feet (B.M.) of timber.

1,000 feet (B.M.) of timber sheeting.

7,000 linear feet of piles.

The time allowed for the full completion of the work herein described will be 100 consecutive working days.

The amount of security required for the performance of the contract will be Thirty-six Hundred Dollars ($3,600).

NO. 8. FOR REGULATING, GRADING, SETTING CURB, LAYING SIDEWALKS AND CROSSWALKS, BUILDING INLETS, RECEIVING BASINS, DRAINS, CULVERTS, APPROACHES AND GUARD RAILS WHERE NECESSARY IN W. 180TH ST., FROM LORING PL. TO UNIVERSITY AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the work is as follows:

13,200 cubic yards of earth excavation.

3,200 cubic yards of rock excavation

1,700 cubic yards of filling.

1,960 linear feet of concrete curb (including maintenance for one year).

9,350 square feet two-course concrete sidewalk (including maintenance for one year).

1,110 square feet of new bridgestone.

100 cubic yards of dry rubble masonry.

The time allowed for the full completion of the work herein described will be 120 consecutive working days.

The amount of security required for the performance of the contract will be Six Thousand Dollars ($6,000).

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard, or other unit of measure, 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 of bids or estimates upon which bids must be made can be obtained upon application therefor, the plans and specifications may be seen and other information obtained at said office. DOUGLAS MATHEWSON, President.

J3,14

☞See General Instructions to Bidders on last page, last column, of the "City Record."

FIRE DEPARTMENT.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at his office, 11th floor, Municipal Building, Manhattan, until 10.30 a. m., on

FRIDAY, JUNE 23, 1916.

FOR FURNISHING AND DELIVERING ANTHRACITE COAL TO FIREBOATS.

The time for the performance of the contract is by or before Sept. 30, 1916.

The amount of security required for the performance of the contract is thirty per cent. (30%) 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 gross ton or other unit of measure, by which the bids will be tested. The extension must be made, as the bids will be read and awards, if made, will be to the lowest bidder on each item.

Bids for supplies must be submitted in duplicate.

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 Fire Department, 11th floor, Municipal Building, Manhattan.

ROBERT ADAMSON, Fire Commissioner.

j12,23

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at his office, 11th floor, Municipal Building, Manhattan, until 10.30 a. m., on

MONDAY, JUNE 19, 1916,

FOR FURNISHING ALL THE LABOR AND MATERIALS REQUIRED FOR REPAIRS AND ALTERATIONS TO THE QUARTERS OF HOOK AND LADDER COMPANY NO. 13, LOCATED AT NO. 159 E. 87TH ST., BOROUGH OF MANHATTAN.

The time for the completion of the work and the full performance of the contract is forty (40) consecutive working days.

The amount of security required for the performance of the contract 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 the Fire Department, 11th floor, Municipal Building, Manhattan.

ROBERT ADAMSON, Fire Commissioner.

j7,19

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at his office, 11th floor, Municipal Building, Manhattan, until 10.30 a. m., on

FRIDAY, JUNE 16, 1916,

FOR FURNISHING, DELIVERING AND INSTALLING OF UNDERGROUND LEAD-COVERED FEEDER CABLES IN THE SOUTHWEST SECTION OF THE BOROUGH OF MANHATTAN.

The time for the completion of the work and the full performance of the contract is one hundred and fifty (150) consecutive working days.

The amount of security required for the performance of the contract is thirty per cent. (30%) of the amount of the bid or estimate.

The bids will be compared and award, if made, will be to the lowest bidder for the entire contract.

Blank forms and further information may be obtained at the office of the Fire Department, 11th floor, Municipal Building, Manhattan.

ROBERT ADAMSON, Fire Commissioner.

m31,j16

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Fire Commissioner at his office, 11th floor, Municipal Building, Manhattan, until 10.30 a. m., on

FRIDAY, JUNE 16, 1916,

FOR FURNISHING, DELIVERING AND INSTALLING OF UNDERGROUND LEAD-COVERED FEEDER CABLES IN THE SOUTHEAST SECTION OF THE BOROUGH OF MANHATTAN.

The time for the completion of the work and the full performance of the contract is one hundred and fifty (150) consecutive working days.

The amount of security required for the performance of the contract is thirty per cent. (30%) of the amount of the bid or estimate.

The bids will be compared and award, if made, will be to the lowest bidder for the entire contract.

Blank forms and further information may be obtained at the office of the Fire Department, 11th floor, Municipal Building, Manhattan.

ROBERT ADAMSON, Fire Commissioner.

m31,j16

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOROUGH OF MANHATTAN.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Manhattan, at Room 2032, Municipal Building, Manhattan, until 2 p. m., on

WEDNESDAY, JUNE 14, 1916,

NO. 1. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF MADISON AVE. (FROM CURB TO RAIL) FROM 72ND ST. TO 79TH ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 3—2,850 linear feet new 6-inch granite curbstone.

Item 3b—360 linear feet new 6-inch granite corner curbstone.

Item 4—300 linear feet old curb, redressed.

Item 5—140 square feet concrete sidewalk, Class A.

Item 6—10 linear feet granite headers.

Item 6a—10 linear feet temporary headerstone.

Item 7—1,150 cubic yards concrete outside of railroad area.

Item 8—5,850 square yards sheet asphalt pavement outside of railroad area.

Item 9—50 square yards sheet asphalt pavement in approaches.

Item 10—12 sewer manhole heads and covers, complete.

Item 11—4 covers for sewer manholes.

Item 11a—4 rings for sewer manholes.

Item 12—3 cubic yards brick masonry.

Item 13—11 water manhole heads and covers, complete.

Item 14—700 linear feet platform flag, cut to line.

Work in Railroad Area.

Item 7a—140 cubic yards concrete.

Item 8a—850 square yards sheet asphalt pavement.

The time allowed for the full completion of the work will be thirty-five (35) consecutive working days.

The amount of security required will be $5,000, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 2. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF PARK AVE. FROM 72ND ST. TO 96TH ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 3—11,800 linear feet new 6-inch granite curbstone.

Item 3b—3,000 linear feet new 6-inch granite corner curbstone.

Item 4—260 linear feet old curb, redressed.
Item 5—11,500 square feet concrete sidewalk, Class A.
Item 6—40 linear feet granite headers.
Item 6a—10 linear feet temporary headerstone.
Item 7—8,860 cubic yards concrete outside of railroad area.
Item 8—48,600 square yards sheet asphalt pavement outside of railroad area.
Item 9—580 square yards sheet asphalt pavement in approaches.
Item 10—50 sewer manhole heads and covers, complete.
Item 11—15 covers for sewer manholes.
Item 11a—15 rings for sewer manholes.
Item 12—3 cubic yards brick masonry.
Item 13—60 water manhole heads and covers, complete.
Item 14—80 linear feet platform flag, cut to line.
Item 15—40,000 old paving blocks to be removed to Corporation Yard, 90th st. and Avenue A.
Item 16—50 cubic yards concrete for coping around parkways.

Work in Railroad Area.

Item 7a—10 cubic yards concrete.
Item 8a—70 square yards sheet asphalt pavement.

The time allowed for the full completion of the work will be one hundred (100) consecutive working days.

The amount of security required will be $35,000, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 3. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION FROM CURB TO RAIL THE ROADWAY OF BROADWAY, WEST SIDE, FROM 110TH ST. TO 121ST ST., AND EAST SIDE, FROM 92ND ST. TO 121ST ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 3—8,830 linear feet new 6-inch granite curbstone.
Item 3b—610 linear feet new 6-inch granite corner curbstone.
Item 4—50 linear feet old curb, redressed.
Item 5—300 square feet concrete sidewalk, Class A.
Item 6—10 linear feet granite headers.
Item 6a—10 linear feet temporary headerstone.
Item 7—6,980 cubic yards concrete outside of railroad area.
Item 8—39,050 square yards sheet asphalt pavement outside of railroad area.
Item 9—290 square yards sheet asphalt pavement in approaches.
Item 10—20 sewer manhole heads and covers, complete.
Item 11—7 covers for sewer manholes.
Item 11a—7 rings for sewer manholes.
Item 12—5 cubic yards brick masonry.
Item 13—40 water manhole heads and covers, complete.
Item 14—10 linear feet platform flag, cut to line.

Work in Railroad Area.

Item 7a—410 cubic yards concrete.
Item 8a—2,400 square yards sheet asphalt pavement.

The time allowed for the full completion of the work will be ninety (90) consecutive working days.

The amount of security required will be $25,000, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 4. FOR REGULATING AND REPAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 96TH ST. FROM PARK AVE. TO MADISON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 3—800 linear feet new 6-inch granite curbstone.
Item 3b—20 linear feet new 6-inch granite corner curbstone.
Item 4—10 linear feet old curb, redressed.
Item 5—10 square feet concrete sidewalk, Class A.
Item 6—10 linear feet granite headers.
Item 6a—10 linear feet temporary headerstone.
Item 7—510 cubic yards concrete.
Item 8—2,720 square yards sheet asphalt pavement.
Item 9—110 square yards sheet asphalt pavement in approaches.
Item 10—3 sewer manhole heads and covers, complete.
Item 11—1 cover for sewer manhole.
Item 11a—1 ring for sewer manhole.
Item 12—3 cubic yards brick masonry.
Item 13—2 water manhole heads and covers, complete.

The time allowed for the full completion of the work will be twenty (20) consecutive working days.

The amount of security required will be $2,000, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 5. FOR REGULATING AND PAVING WITH SHEET ASPHALT ON A CONCRETE FOUNDATION THE ROADWAY OF 171ST ST. FROM EASTERLY HOUSE LINE OF HAVEN AVE. TO A LINE ABOUT 12 FEET WEST OF THE WEST CURB LINE OF FORT WASHINGTON AVE., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 3—690 linear feet new 6-inch granite curbstone.
Item 4—10 linear feet old curb, redressed.
Item 6—10 linear feet granite headers.
Item 6a—10 linear feet temporary headerstone.
Item 7—240 cubic yards concrete.
Item 8—1,200 square yards sheet asphalt pavement.

The time allowed for the full completion of the work will be eighteen (18) consecutive working days.

The amount of security required will be $900, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 6. FOR REGULATING AND REPAVING WITH WOOD BLOCK PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF LIBERTY ST. FROM THE JUNCTION OF MAIDEN LANE AND LIBERTY ST. TO A POINT 40 FEET EAST OF EAST CURB LINE OF WILLIAM ST., TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 3—250 linear feet new 6-inch granite curbstone.
Item 4—10 linear feet old curb, redressed.
Item 5—10 square feet concrete sidewalk, Class A.
Item 6—20 linear feet granite headers.
Item 6a—20 linear feet temporary headerstone.
Item 7—50 cubic yards concrete.
Item 8—210 square yards wood block pavement.
Item 9—10 square yards sheet asphalt pavement in approaches.
Item 10—1 sewer manhole head and cover, complete.
Item 11—1 cover for sewer manhole.
Item 11a—1 ring for sewer manhole.
Item 12—3 cubic yards brick masonry.
Item 13—1 water manhole head and cover, complete.

The time allowed for the full completion of the work will be eight (8) consecutive working days.

The amount of security required will be $350, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

The bidder must deposit with the Borough President, on or before the time of making his bid, samples and affidavit, or the letter in regard to samples and affidavit, as required by the specifications.

NO. 7. FOR CONSTRUCTING CONCRETE SIDEWALKS AND LAYING AND RELAYING FLAGGING IN VARIOUS STREETS AND AVENUES AS ENUMERATED IN THE CONTRACT, TOGETHER WITH ALL WORK INCIDENTAL THERETO.

The Engineer's estimate of the amount of work to be done is as follows:

Item 1—3,245 square feet concrete sidewalk (Class A), furnished and laid.
Item 2—65 linear feet new 5-inch bluestone curbstone.
Item 3—20 linear feet old curb, redressed.
Item 4—3,538 square feet new flagging, furnished and laid.
Item 5—2,910 square feet of old flagging relaid.
Item 6—4 cubic yards concrete.

The time allowed for the full completion of the work will be fifty (50) consecutive working days.

The amount of security required will be $500, and the amount of deposit accompanying the bid shall be five (5) per cent. of the amount of security.

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 bid will be tested. Each contract, if awarded, will be awarded for the whole work at a lump sum.

Blank forms may be had and the plans and drawings may be seen at the offices of the Commissioner of Public Works, Municipal Building, Bureau of Highways, Room 2124, Manhattan.

MARCUS M. MARKS, President.
Dated June 3, 1916. j3,14

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOROUGH OF BROOKLYN.

Auction Sale.

THE COMMISSIONER OF PUBLIC WORKS will sell at public auction on

TUESDAY, JUNE 13, 1916,

at 2:30 p. m., at Room 2, Borough Hall, Borough of Brooklyn, The City of New York, the following horses, wagon, materials, etc., which may be seen at the places mentioned below.

At North Portland ave. Yard.

1 Gelding known as No. 4.
1 Gelding known as No. 23.

At Doscher's Stables, 270 Reid ave.

1 Gelding known as No. 2.

At Bainbridge Stables, 20 Bainbridge st.

One side spring field wagon, without top, marked "Mc."

At 38th st. Repair Yard.

25 tons old iron.

At 26th Ward Disposal Works.

About 1,500 lbs. old lead.

At 31st Ward Disposal Works.

About 250 lbs. old rubber.
12 Oil barrels.

At Kings Co. Court House.

Lot old desks, wardrobes, tables and benches.
Lot of iron railings and oil tanks.
Lot of old iron, consisting of steam pump, governor, valves, etc.; weight about 2,383 lbs.
Lot of old rubber, weight 746 lbs.
Lot of old carpets and linoleum.
8 old clocks.
1 lot of toilet tanks, urinals, basins, etc.
1 lot of old towels, weight 231 lbs.

At Municipal Bath, Coney Island.

1,700 feet of 4½-inch old rope, weighing about 1,000 lbs.

At Wallabout Yard.

1 lot condemned tool handles, including push-brooms, pick and sledge handles.
1 lot of old pushbrooms.
4 condemned wheelbarrows.
1 lot of condemned rubber hose, 250 lbs., more or less.

At 67th Street Yard.

645 lbs. scrap rubber.
About 11,550 lbs. of scrap iron.
17 condemned sprinkler wheels.

At Municipal Asphalt Plant.

1 ton, more or less, of old iron, including tampers, smoothers, shovels, hoops, rakes, etc.
50 lbs., more or less, old brass.

Intending bidders may apply for particulars at the office of the Assistant Commissioner of Public Works, Room 11a, Borough Hall, Brooklyn.

TERMS OF SALE.

Cash payment in bankable funds at the time and place of the sale, and the removal of the horses, wagon, materials, etc., immediately. If the purchaser fails to remove the horses and wagon by Wednesday, June 14, 1916, the purchase money and ownership of same shall be forfeited. If the purchaser fails to remove the other materials within ten days, the purchase money and ownership of same shall be forfeited.

E. W. VOORHIES, Commissioner of Public Works. j7,13

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the President of the Borough of Brooklyn at Room 2, Borough Hall, Brooklyn, until 11 a. m. on

WEDNESDAY, JUNE 21, 1916,

NO. 1. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR GENERAL CONSTRUCTION, INCLUDING ELECTRIC WORK FOR THE RECONSTRUCTION AND IMPROVEMENT OF THE KINGS COUNTY COURT HOUSE, AT FULTON AND LIVINGSTON STS., BOROUGH OF BROOKLYN.

Time allowed for the completion of the work and the full performance of the contract is within five calendar months.

The amount of security required for the faithful performance of the contract is Two Hundred and Fifty Thousand ($250,000) Dollars.

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR PLUMBING AND GASFITTING WORK FOR THE RECONSTRUCTION AND IMPROVEMENT OF THE KINGS COUNTY COURT HOUSE, AT FULTON AND LIVINGSTON STS., BOROUGH OF BROOKLYN.

Time allowed for the completion of the work and full performance of the contract is within five calendar months.

The amount of security required for the faithful performance of the contract is Ten Thousand ($10,000) Dollars.

NO. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR HEATING AND VENTILATING WORK FOR THE RECONSTRUCTION AND IMPROVEMENT OF THE KINGS COUNTY COURT HOUSE, AT FULTON AND LIVINGSTON STS., BOROUGH OF BROOKLYN.

Time allowed for the completion of the work and the full performance of the contract is within five calendar months.

The amount of security required for the faithful performance of the contract is Twenty-five Thousand ($25,000) Dollars.

The bids will be compared and the contracts awarded at a lump or aggregate sum for each contract.

Blank forms and further information may be obtained and the plans and drawing may be seen at the Bureau of Public Buildings and Offices, Room 1003, No. 50 Court st., Brooklyn.

j9,21 L. H. POUNDS, President.

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President, Borough of Brooklyn, at Room 2, Borough Hall, Brooklyn, until 11 a. m., on

WEDNESDAY, JUNE 21, 1916,

NO. 1. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF BAY 31ST ST. FROM BENSON AVE. TO 86TH ST.

The Engineer's estimate is as follows:
610 cubic yards excavation to subgrade.
60 linear feet bluestone heading stones set in concrete.
405 cubic yards concrete.
2,440 square yards asphalt pavement (5 years maintenance).

Time allowed, 25 working days. Security required, $1,700.

NO. 2. FOR REPAIRING SIDEWALKS ON THE WEST SIDE OF BOND ST. BETWEEN PACIFIC ST. AND DEAN ST. AND AT TWENTY OTHER LOCATIONS IN THE HEIGHTS DISTRICT.

The Engineer's estimate is as follows:
20 linear feet old curbstone reset in concrete.
10 linear feet new curbstone set in concrete.
4,115 square feet old flagstones relaid.
2,465 square feet new flagstones.

Time allowed, 30 working days. Security required, $350.

NO. 3. FOR REGULATING AND REPAVING WITH PERMANENT GRADE 1 GRANITE PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF BUSH ST. FROM HAMILTON AVE. TO SMITH ST. THE BLOCKS USED ON THIS CONTRACT SHALL BE NEW GRANITE BLOCKS.

The Engineer's estimate is as follows:
70 linear feet old curbstone reset in concrete.
275 linear feet new curbstone set in concrete.
80 cubic yards concrete.
465 square yards grade 1 granite pavement with joint filler of coal tar pitch and sand.
10 square yards adjacent pavement to be relaid.

Time allowed, 25 working days. Security required, $800.

NO. 4. FOR REGULAING AND REPAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF CENTRE ST. FROM CLINTON ST. TO HAMILTON AVE.

The Engineer's estimate is as follows:
385 linear feet old curbstone reset in concrete.
580 linear feet new curbstone set in concrete.
65 linear feet granite heading stones set in concrete.
215 cubic yards concrete.
1,290 square yards asphalt pavement (5 years maintenance).
10 square yards adjacent pavement to be relaid.
4 new standard iron covers and heads for sewer manholes.

Time allowed, 30 working days. Security required, $1,200.

NO. 5. FOR REGULATING AND REPAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF CLARKSON AVE. FROM ALBANY AVE. TO TROY AVE.

The Engineer's estimate is as follows:
30 linear feet old curbstone reset in concrete.
30 linear feet new curbstone set in concrete.
185 linear feet bluestone heading stones set in concrete.
550 cubic yards concrete.
3,295 square yards asphalt pavement (5 years maintenance).
10 square yards adjacent pavement to be relaid.

Time allowed, 30 working days. Security required, $2,400.

NO. 6. FOR REPAIRING SIDEWALKS ON THE SOUTH SIDE OF COLES ST. BETWEEN COLUMBIA ST. AND HICKS ST. AND AT 18 OTHER LOCATIONS IN THE HEIGHTS DISTRICT.

The Engineer's estimate is as follows.
1,960 square feet old flagstones relaid.
3,000 square feet new flagstones.
200 square feet cement sidewalks.
200 square feet 6-inch cinder or gravel sidewalk foundation.
70 square feet new granite crosswalks.
30 square feet old crosswalks relaid.
20 square feet old brick sidewalks relaid.
23 square yards grade 1 granite pavement with joint filler of cement grout.
9 square yards old granite pavement relaid with joint filler of cement grout.

Time allowed, 30 working days. Security required, $450.

NO. 7. FOR REPAIRING SIDEWALKS ON THE NORTH SIDE OF CONGRESS ST. BETWEEN COLUMBIA ST. AND HICKS ST. AND AT 15 OTHER LOCATIONS IN THE HEIGHTS DISTRICT.

The Engineer's estimate is as follows:
1,835 square feet old flagstones relaid.
2,210 square feet new flagstones.
250 square feet cement sidewalks.
250 square feet 6-inch cinder or gravel sidewalk foundation.
140 square feet new granite crosswalks.
32 square yards grade 1 granite pavement with joint filler of cement grout.
12 square yards old granite pavement relaid with joint filler of cement grout.

Time allowed, 30 working days. Security required, $400.

NO. 8. FOR REGULAING, GRADING, CURBING AND LAYING SIDEWALKS ON DOUGLASS ST. FROM BLAKE AVE. TO DUMONT AVE.

The Engineer's estimate is as follows:
430 cubic yards excavation.
10 cubic yards filling (not to be bid for).
30 linear feet old curbstone reset in concrete.
770 linear feet steel bound cement curb (1 year maintenance).
3,135 quare feet cement sidewalks (1 year maintenance).
3,135 square feet 6-inch cinder or gravel sidewalk foundation.

Time allowed, 25 working days. Security required, $300.

NO. 9. FOR REGULATING AND REPAVING WITH PERMANENT GRADE 1 GRANITE PAVEMENT ON A CONCRETE FOUNDATION THE ROADWAY OF METZ ST. FROM CLINTON AVE. TO WASHINGTON AVE. THE BLOCKS USED ON THIS CONTRACT SHALL BE NEW GRANITE BLOCKS.

The Engineer's estimate is as follows:
350 linear feet old curbstone reset in concrete.
415 linear feet new curbstone set in concrete.
360 cubic yards concrete.
3,220 square yards grade 1 granite pavement with joint filler of coal tar pitch and sand.
30 square yards adjacent pavement to be relaid.

Time allowed, 30 working days. Security required, $4,400.

NO. 10. FOR REGULATING, GRADING, CURBING, LAYING SIDEWALKS AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF POWELL ST. FROM RIVERDALE AVE. TO NEWPORT ST.

The Engineer's estimate is as follows:
800 cubic yards excavation.
20 cubic yards filling (not to be bid for).
10 linear feet old curbstone reset in concrete.
72 linear feet bluestone heading stones set in concrete.
300 linear feet cement curb (1 year maintenance).
2,180 square feet cement sidewalks (1 year maintenance).
2,180 square feet 6-inch cinder or gravel sidewalk foundation.
329 cubic yards concrete.
1,975 square yards asphalt pavement (5 years maintenance).

Time allowed, 30 working days. Security required, $1,700.

NO. 11. FOR REGULATING AND REPAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF WHIPPLE ST. FROM FLUSHING AVE. TO THROOP AVE.

The Engineer's estimate is as follows:
20 linear feet old curbstone reset in concrete.
680 linear feet new curbstone set in concrete.
85 linear feet granite heading stones set in concrete.
270 cubic yards concrete.
1,605 square yards asphalt pavement (5 years maintenance).
40 square yards adjacent pavement to be relaid.
1 new standard iron cover and head for sewer manhole.

Time allowed, 30 working days. Security required, $1,400.

NO. 12. FOR REGULATING AND REPAVING WITH PERMANENT GRADE 1 GRANITE PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 3RD AVE. FROM 60TH ST. TO BAY RIDGE AVE. THE BLOCKS USED ON THIS CONTRACT SHALL BE NEW GRANITE BLOCKS.

The Engineer's estimate is as follows:
200 linear feet old curbstone reset in concrete.
265 linear feet new curbstone set in concrete.
685 linear feet granite heading stones set in concrete.
1,255 cubic yards concrete, outside railroad area.
70 cubic yards concrete, within railroad area.
7,515 square yards grade 1 granite pavement, with joint filler of coal tar pitch and sand, outside railroad area.
1,280 square yards grade 1 granite pavement, with joint filler of coal tar pitch and sand, within railroad area.
95 square yards adjacent pavement to be relaid.

Time allowed, 60 working days. Security required, $13,000.

NO. 13. FOR REGULATING AND PAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 13TH AVE. FROM 57TH ST. TO 58TH ST.

The Engineer's estimate is as follows.
220 cubic yards excavation to subgrade.
45 linear feet bluestone heading stones set in concrete.
180 cubic yards concrete.
1,070 square yards asphalt pavement (5 years maintenance).

Time allowed, 20 working days. Security required, $800.

NO. 14. FOR REGULATING AND REPAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 18TH AVE. FROM 47TH ST. TO 48TH ST. AND FROM 60TH ST. TO 62ND ST.

The Engineer's estimate is as follows:
225 linear feet old curbstone reset in concrete.
20 linear feet new curbstone set in concrete.
160 linear feet bluestone heading stones set in concrete.
1,135 linear feet steel bound cement curb (1 year maintenance).
660 cubic yards concrete.
3,950 square yards asphalt pavement (5 years maintenance).
15 square yards adjacent pavement to be relaid.

Time allowed, 30 working days. Security required, $3,000.

NO. 15. FOR REGULATING AND REPAVING WITH PERMANENT GRADE 1 GRANITE PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 41ST ST. FROM 1ST AVE. TO 2ND AVE. THE BLOCKS USED ON THIS CONTRACT SHALL BE NEW GRANITE BLOCKS.

The Engineer's estimate is as follows:
150 linear feet old curbstone reset in concrete.
1,230 linear feet new curbstone set in concrete.
155 cubic yards concrete, outside railroad area.
15 cubic yards concrete, within railroad area.
945 square yards grade 1 granite pavement with joint filler of coal tar pitch and sand, outside railroad area.
270 square yards grade 1 granite pavement with joint filler of coal tar pitch and sand, within railroad area.
15 square yards adjacent pavement to be relaid.

Time allowed, 30 working days. Security required, $2,100.

NO. 16. FOR REGULATING AND REPAVING WITH ASPHALT BLOCK PAVEMENT ON THE PRESENT CONCRETE FOUNDATION THE ROADWAY OF 58TH ST. FROM 4TH AVE. TO 5TH AVE.

The Engineer's estimate is as follows:
10 linear feet old curbstone reset in concrete.
10 linear feet new curbstone set in concrete.
10 cubic yards concrete.
2,435 square yards asphalt block pavement, including half-inch mortar bed (5 years maintenance).

Time allowed, 20 working days. Security required, $1,500.

NO. 17. FOR REGULATING AND REPAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 70TH ST. FROM FORT HAMILTON PARKWAY TO 10TH AVE.

The Engineer's estimate is as follows:
45 linear feet bluestone heading stones set in concrete.
320 cubic yards concrete.
1,910 square yards asphalt pavement (5 years maintenance).
10 square yards adjacent pavement to be relaid.

Time allowed, 25 working days. Security required, $1,300.

NO. 18. FOR REGULATING AND REPAVING WITH PERMANENT ASPHALT PAVEMENT ON A 6-INCH CONCRETE FOUNDATION THE ROADWAY OF 79TH ST. FROM RIDGE BOULEVARD TO 11TH AVE.

The Engineer's estimate is as follows:
50 linear feet old curbstone reset in concrete.
50 linear feet new curbstone set in concrete.
410 linear feet bluestone heading stones set in concrete.
10,640 linear feet steel bound cement curb (1 year maintenance).
3,165 cubic yards concrete.
19,000 square yards asphalt pavement (5 years maintenance).
20 square yards adjacent pavement to be relaid.
Time allowed, 50 working days. Security required, $15,000.

NO. 19. FOR FURNISHING AND DELIVERING ONE STEAM ASPHALT ROLLER.

To be delivered to the Municipal Asphalt Plant, 7th St. Basin, Gowanus Canal.

Time for the completion of the contract, 30 calendar days.

Security required, 30% of the amount for which the contract is awarded.

The bidder will state the price of each item or article contained in the specifications or schedules herein contained or hereto annexed, per linear foot, square foot, square yard, cubic yard or other unit of measure, by which the bids will be tested. *The bids will be compared and the contract awarded at a lump or aggregate sum for each contract.*

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Highways, Borough of Brooklyn, Room 502, No. 50 Court st., Brooklyn.

L. H. POUNDS, President.

Dated June 3, 1916. j9,21

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President, Borough of Brooklyn, at Room 2, Borough Hall, Brooklyn until 11 a. m., on

WEDNESDAY, JUNE 21, 1916.

NO. 1—FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER ON THE SOUTHEAST SIDE OF BAY PARKWAY (22ND AVE.), FROM THE SEA BEACH LINE TO W. 10TH ST.

The Engineer's preliminary estimate of the quantities is as follows:

38 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.90	$72 20
795 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.60	1,272 00
12 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	9 60
8 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $45	360 00
Total	$1,713 80

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 Eight Hundred Dollars ($800).

NO. 2—FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN 16TH AVE., FROM 56TH ST. TO 58TH ST.

The Engineer's preliminary estimate of the quantities is as follows:

430 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.55	$666 50
45 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.70	31 50
4 manholes, complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	200 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, $125	250 00
10 cubic yards of extra excavation, including all incidentals and appurtenances; per cubic yard, $0.50	5 00
Total	$1,153 00

The time allowed for the completion of the work and full performance of the contract will be thirty (30) working days.

The amount of security required will be Five Hundred and Fifty Dollars ($550).

NO. 3—FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN DURYEA PL., FROM FLATBUSH AVE. TO E. 22ND ST.

The Engineer's preliminary estimate of the quantities is as follows:

236 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.40	$330 40
99 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.60	59 40
3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $45	135 00
20 cubic yards of extra excavation, including all incidentals and appurtenances; per cubic yard, $0.50	10 00
Total	$534 80

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 Two Hundred and Fifty Dollars ($250).

The foregoing Engineer's preliminary estimates of the total cost for the completed work are 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 notices to bidders are to be furnished to the City. Such percentage as bid for each contract shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, 215 Montague st., Brooklyn.

L. H. POUNDS, President.

j9.21

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the President, Borough of Brooklyn, at Room 2, Borough Hall, Brooklyn, until 11 a. m., on

WEDNESDAY, JUNE 14, 1916.

NO. 1. FOR COMPLETING THE WORK, INCLUDING ALL LABOR, MATERIALS AND INCIDENTALS, OF THE CONTRACT OF THE STANHOPE CONTRACTING COMPANY WITH THE CITY OF NEW YORK (ON WHICH SOME WORK HAS BEEN DONE AND WHICH, IN ACCORDANCE WITH SECTION XLIV OF THE CONTRACT, WAS DECLARED ABANDONED ON APRIL 27, 1916) FOR THE CONSTRUCTION OF SEWERS AND APPURTENANCES IN 15TH ST., FROM PROSPECT PARK WEST (9TH AVE.) TO 8TH AVE., AND IN 8TH AVE., FROM 15TH ST. TO 12TH ST., AND IN ADDITION TO THE WORK OF THE ABOVE MENTIONED CONTRACT SUCH ADDITIONAL WORK AS IS REQUIRED TO PROVIDE SUITABLE FOUNDATION IN UNSTABLE GROUND.

The Engineer's preliminary estimate of the quantities is as follows:

25 linear feet of 36-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $8.75	$218.75
715 linear feet of 30-inch brick sewer, laid complete, including all incidentals and appurtenances; per linear foot, $7.75	5,541.25
20 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.70	34.00
7 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $65	455.00
3 sewer basins, reconnected complete, including all incidentals and appurtenances; per reconnection, $35	105.00
2,000 feet B. M. of foundation planking under normal sections, laid in place complete, including all incidentals and appurtenances; per thousand feet B. M., $28	56.00
11,000 feet B. M. of foundation planking and pile capping under 30-inch and 36-inch sewers where piles and concrete are used, laid in place complete, including extra excavation and all incidentals and appurtenances; per thousand feet B. M., $35	385.00
100,000 feet B. M. of sheeting and bracing, driven in place complete, including all incidentals and appurtenances; per thousand feet B. M., $18	1,800.00
531 linear feet of 36-inch brick sewer to be cleaned and pointed up, including backfill and all labor, materials, incidentals and appurtenances; per linear foot of 36-inch brick sewer cleaned and pointed up, $0.50	265.50
76 linear feet of 30-inch brick sewer to be cleaned and pointed up, including all labor and materials, incidentals and appurtenances; per linear foot of 30-inch brick sewer cleaned and pointed up, $0.50	38.00
203 linear feet of 36-inch sewer, from station 4+97 to station 7+00, laid complete, including all incidentals and appurtenances; per linear foot, $8	1,624.00
1,200 linear feet of piles, driven in place complete, including all incidentals and appurtenances; per linear foot, $1.25	1,500.00
50 cubic yards of concrete, Class B, laid in place complete, including extra excavation and all incidentals and appurtenances; per cubic yard, $8	400.00
Total	$12,422.50

The time allowed for the completion of the work and full performance of the contract will be ninety (90) working days.

The amount of security required will be Five Thousand Dollars ($5,000).

NO. 2. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN 63RD ST., FROM 18TH AVE. TO 20TH AVE., AND IN 19TH AVE., FROM 62ND ST. TO 63RD ST.

The Engineer's preliminary estimate of the quantities is as follows:

782 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.15	$1,681.30
839 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.75	1,468.25
1,155 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.80	924.00
14 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	700.00
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, $125	250.00
Total	$5,023.50

The time allowed for the completion of the work and full performance of the contract will be sixty (60) working days.

The amount of security required will be Twenty-five Hundred Dollars ($2,500).

NO. 3. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN E. 22ND ST. (ELMORE PL.) FROM THE LONG ISLAND RAILROAD TO AVENUE I.

The Engineer's preliminary estimate of the quantities is as follows:

43 linear feet of 15-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.10	$90.30
405 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.80	729.00
205 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.90	184.50
5 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	250.00
Total	$1,253.80

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).

NO. 4. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING A SEWER IN AVENUE J, BETWEEN E. 3RD AND E. 4TH STS., AND OUTLET SEWER IN E. 4TH ST., BETWEEN AVENUE J AND 22ND AVE.

The Engineer's preliminary estimate of the quantities is as follows:

103 linear feet of 18-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $2.25	$231.75
215 linear feet of 12-inch pipe sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.60	344.00
23 linear feet of 6-inch house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.70	16.10
3 manholes complete, with iron heads and covers, including all incidentals and appurtenances; per manhole, $50	150.00
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, $125	250.00
Total	$991.85

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).

NO. 5. FOR FURNISHING ALL THE LABOR AND MATERIAL REQUIRED FOR CONSTRUCTING SEWERS IN AVENUE Q, BETWEEN E. 12TH AND E. 13TH STS.

The Engineer's preliminary estimate of the quantities is as follows:

189 linear feet of 12-inch pipe storm sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.20	$226.80
185 linear feet of 8-inch pipe sanitary sewer, laid complete, including all incidentals and appurtenances; per linear foot, $1.30	240.50
20 linear feet of 6-inch storm house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.55	11.00
74 linear feet of 6-inch sanitary house connection drain, laid complete, including all incidentals and appurtenances; per linear foot, $0.70	51.80
2 manholes on storm sewers complete, with special iron heads and special covers, including all incidentals and appurtenances; per manhole, $35	70.00
2 manholes on sanitary sewers complete, with standard iron heads and special covers, including all incidentals and appurtenances; per manhole, $50	100.00
Total	$700.10

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 Three Hundred and Fifty Dollars ($350).

The foregoing Engineer's preliminary estimates of the total cost for the completed work are 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 each contract shall apply to all unit items specified in the Engineer's preliminary estimate to an amount necessary to complete the work described in the contract.

Blank forms and further information may be obtained and the plans and drawings may be seen at the office of the Bureau of Sewers, 215 Montague st., Brooklyn.

j2.14 L. H. POUNDS, President.

☞See General Instructions to Bidders on last page, last column, of the "City Record."

BOARD OF ESTIMATE AND APPORTIONMENT.

Notice of Public Hearing.

PUBLIC IMPROVEMENT MATTERS.

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the street system within the territory bounded by Hewitt avenue, Ferguson street, Prime street, Burcker street and its prolongation, Lawrence street, Redwood street and its prolongation, Prime street and Gunther 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 Friday, June 23, 1916, 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 June 2, 1916, notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of Section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines and grades of the street system within the territory bounded by Hewitt avenue, Ferguson street, Prime street, Burcker street and its prolongation, Lawrence street, Redwood street and its prolongation, Prime street and Gunther street, Borough of Queens, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated June 1, 1916.

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 Friday, Jpne 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building, Telephone, 4560 Worth. j10,21

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the street system within the territory bounded by Hewitt avenue, Ferguson street, Prime street, Burcker street and its prolongation, Lawrence street, Redwood street and its prolongation, Prime street and Gunther 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 145), notice of the adoption of which is hereby given, viz.:

Resolved, That the Board of Estimate and Apportionment of The City of New York, in pursuance of the provisions of Section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the lines and grades of the street system within the territory bounded by White Plains road, Cranford avenue, Wilder avenue, Nereid avenue, Barnes avenue and East 239th street, Borough of The Bronx, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated May 18, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the lines and grades of the street system within the territory bounded by White Plains road, Cranford avenue, Wilder avenue, Nereid avenue, Barnes avenue and East 239th street, 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 144), 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 westerly line of Matthews avenue between Morris Park avenue and a point about 75 feet southerly therefrom, Borough of The Bronx, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough and dated March 20, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

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 establish lines and grades for 223rd street (Campbell avenue) from Hempstead avenue (Hempstead and Jamaica Plank road) to 110th avenue (Convent place), 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 147), 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 establishing lines and grades for 223rd street (Campbell avenue) from Hempstead avenue (Hempstead and Jamaica Plank road) to 110th avenue (Convent place), Borough of Queens, which proposed change is more particularly shown upon a map or plane bearing the signature of the President of the Borough, and dated January 19, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

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 Worthington avenue between Roosevelt avenue and Woodside avenue; of Roosevelt avenue between Lenox avenue and Rombouts place, and of Woodside avenue between Middagh street and Lenox 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 146), 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 Worthington avenue between Roosevelt avenue and Woodside avenue; of Roosevelt avenue between Lenox avenue and Rombouts place, and of Woodside avenue between Middagh street and Lenox avenue, Borough of Queens, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated April 8, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

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 Fourth avenue between East 32nd street and East 34th street, and change the grade of East 33rd street between 4th avenue and a point about 280 feet east of the east house line of Fourth avenue, Borough of Manhattan, 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 141), 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 Fourth avenue between East 32nd street and East 34th street, and changing the grade of East 33rd street between 4th avenue and a point about 280 feet east of the east house line of Fourth avenue, Borough of Manhattan, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated May 1, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

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 establish lines and grades for Douglaston Parkway (Main avenue) from Jackson avenue (Broadway) to the second angle point north of 36th avenue (Pine 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 148), 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 establishing lines and grades for Douglaston Parkway (Main avenue) from Jackson avenue (Broadway) to the second angle point north of 36th avenue (Pine street), Borough of Queens, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated March 30, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

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 lines of the street system within the territory bounded by Walter street, St. Felix avenue, Sylvan street, Millwood avenue, Charlotte place and Armand place, Borough of Queens, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated May 25, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

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 fix the lines and change the grade of Virginia avenue from Tompkins avenue to Bay street, 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 149), 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 fixing the lines and changing the grade of Virginia avenue from Tompkins avenue to Bay street, Borough of Richmond, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated April 14, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

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 establish lines and grades, and change lines and grades where heretofore established, for the street system within the territory bounded by Amboy road, Sleight avenue, Southside Boulevard, Loretto street, Raritan Bay and Brighton street, 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 150), 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 establishing lines and grades and changing lines and grades where heretofore established for the street system within the territory bounded by Amboy road, Sleight avenue, Southside Boulevard, Loretto street, Raritan Bay and Brighton street, Borough of Richmond, which proposed change is more particularly shown upon a map or plan bearing the signature of the President of the Borough, and dated May 17, 1916.

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 Friday, June 23, 1916, 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 23rd day of June, 1916.

Dated June 10, 1916.

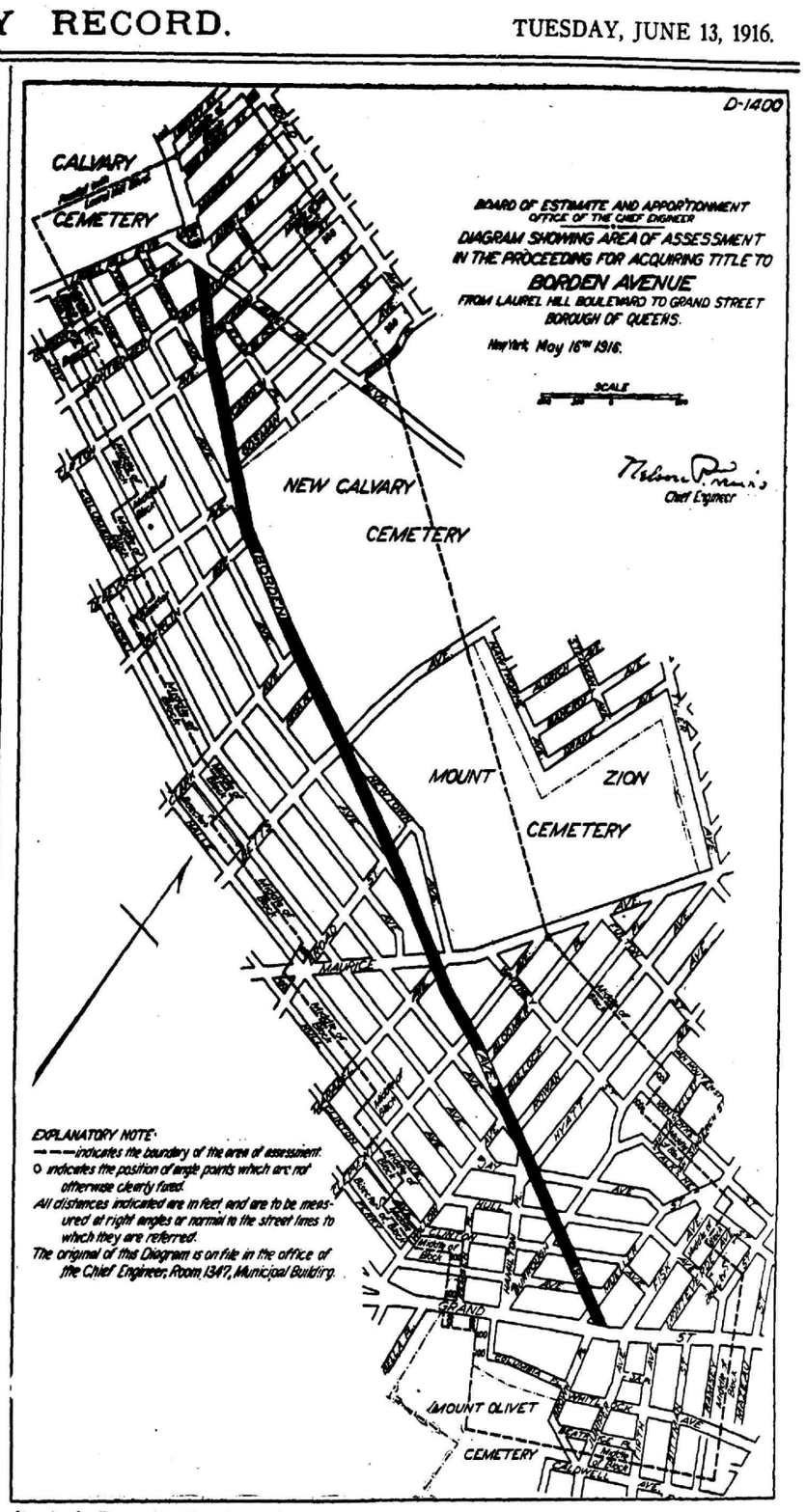
JOSEPH HAAG, Secretary, Board of Estimate and Apportionment, Municipal Building. Telephone, 4560 Worth. j10,21

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 26, 1916 (Cal. No. 154), 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 real property required for the opening and extending of Borden avenue from Laurel Hill Boulevard to Grand street, in the Borough of Queens, City of New York, the title to be acquired to be a title in fee, subject to any easement or right in Borden avenue between the aforesaid limits as may be now owned by the New York and Queens County Railway Company; 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 real property required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of Section 973 of the Greater New York Charter, as amended, hereby gives notice that the proposed area of assessment for benefit in these proceedings is as shown on the following diagram:



Resolved, That this Board consider the proposed area of assessmen' at a meeting of the Board to be held in The City of New York, Borough of Manhattan, in the City Hall, on Friday, June 23, 1916, at 10:30 o'clock 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, exclusive of Sundays and legal holidays, prior to Friday, June 23, 1916.

Dated June 10, 1916.

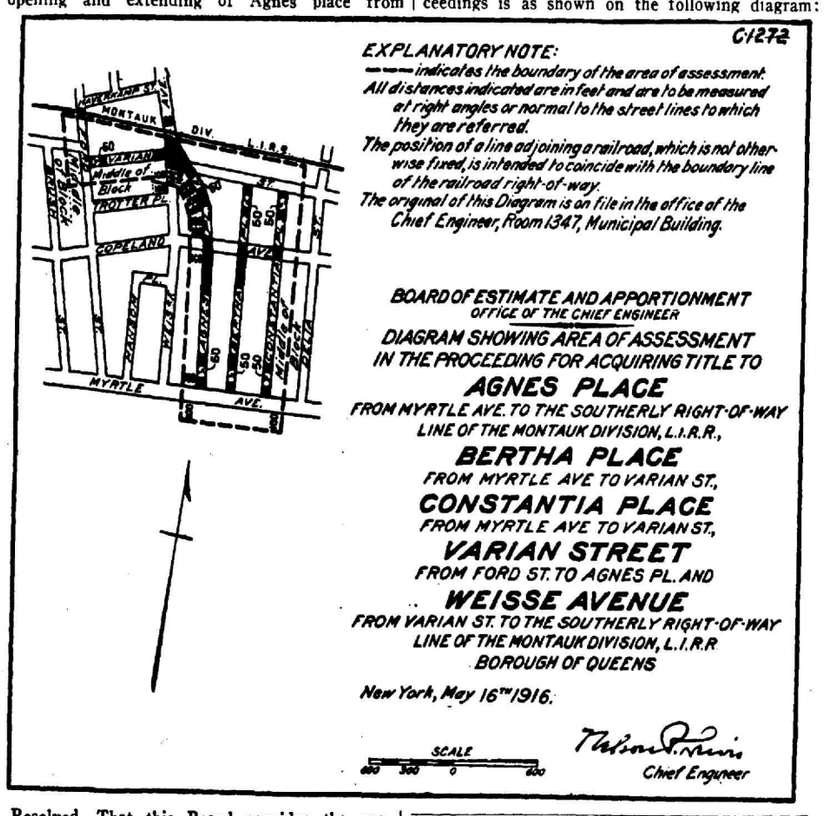
JOSEPH HAAG, Secretary, Municipal Building. • Telephone, 4560 Worth. j10,21

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 26, 1916 (Cal. No. 153), 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 real property required for the opening and extending of Agnes place from Myrtle avenue to the southerly right of way line of the Montauk Division of the Long Island Railroad; Bertha place from Myrtle avenue to Varian street; Constantia place from Myrtle avenue to Varian street; Varian street from Ford street to Agnes place; Weisse avenue from Varian street to the southerly right of way line of the Montauk Division of the Long Island Railroad, 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 real property required for the foregoing improvement to fix and determine upon an area or areas of assessment for benefit for said proceedings.

Resolved, That the Board of Estimate and Apportionment, in pursuance of the provisions of Section 973 of the Greater New York Charter, as amended, hereby gives notice that the proposed area of assessment for benefit in these proceedings is as shown on the following diagram:



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 Friday, June 23, 1916, at 10:30 o'clock 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, exclusive of Sundays and legal holidays, prior to Friday, June 23, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary, Municipal Building. Telephone, 4560 Worth. j10,21

NOTICE IS HEREBY GIVEN THAT THE Board of Estimate and Apportionment of The City of New York, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York so as to change the grade of Sackman street from Newport street to Lott 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 Friday, June 23, 1916, 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 May 26, 1916 (Cal. No. 142), 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 pur-

suance of the provisions of Section 442 of the Greater New York Charter, as amended, deeming it for the public interest so to do, proposes to change the map or plan of The City of New York by changing the grade of Sackman street from Newport street to Lott avenue, Borough of Brooklyn, 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 May 15, 1916.

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 Friday, the 23rd day of June, 1916, 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 23rd day of June, 1916.

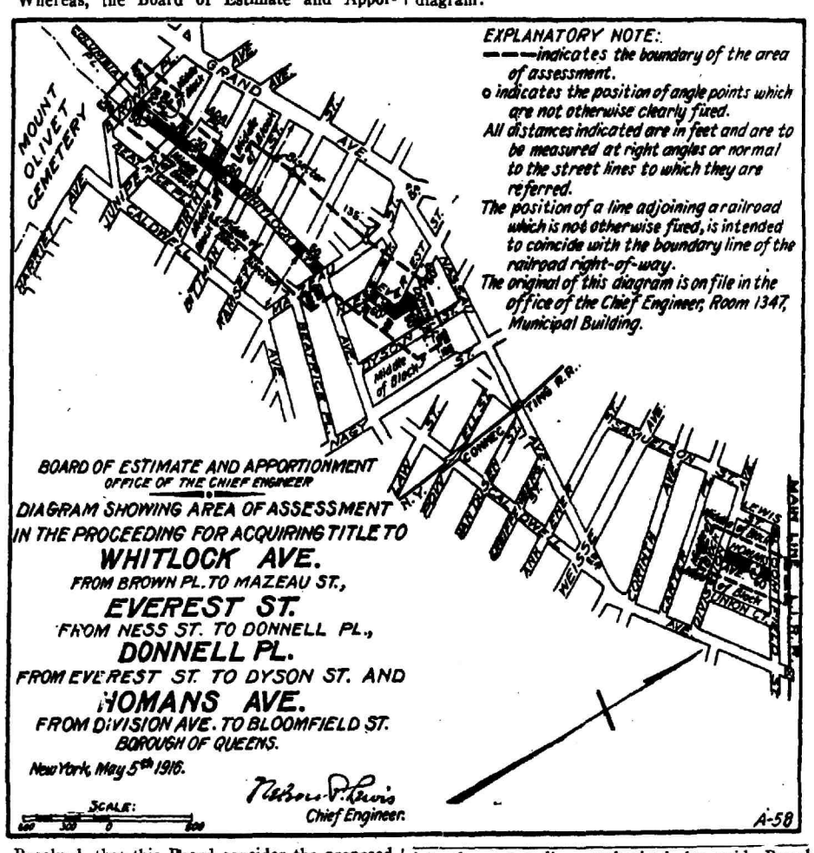
Dated June 10, 1916.

JOSEPH HAAG, Secretary. Municipal Building. Telephone, 4560 Worth. j10,21

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 26, 1916 (Cal. No. 155), the following resolutions were adopted:

Whereas, the Board of Estimate and Apportionment is considering the advisability of amending the proceeding authorized by said Board under resolutions adopted on June 15, 1911, and July 1, 1915, for acquiring title to Whitlock avenue from Brown place to Nassau avenue; and Homans (Whitlock) avenue from Division avenue to Calamus avenue (Bloomfield street), Borough of Queens, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment April 28, 1916, and approved by the Mayor on May 17, 1916, in which the lines of Whitlock avenue have been deflected southwardly, and in the block between the former location of Nagy street and Ward street, an old street, approximately coinciding with the former location of Whitlock avenue, has been laid out, this being given an outlet through Donnell place into Dyson street; the amendment now proposed providing for the acquisition of title to the following streets as the same are now laid out upon the map or plan of the City of New York: Whitlock avenue from Brown place to Mazeau street; Everest street from Ness street to Donnell place; Donnell place from Everest street to Dyson street; Homans avenue from Division avenue to Bloomfield street.

Resolved, that the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, as amended, hereby gives notice that the proposed modified area of assessment for benefit in this proposed amended proceeding is as shown on the following diagram:



Resolved, that this Board consider the proposed modified area of assessment at a meeting of the Board to be held in the City of New York, Borough of Manhattan, in the City Hall, on Friday, June 23, 1916, at 10:30 o'clock 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 continuously, Sundays and legal holidays excepted, prior to June 23, 1916.

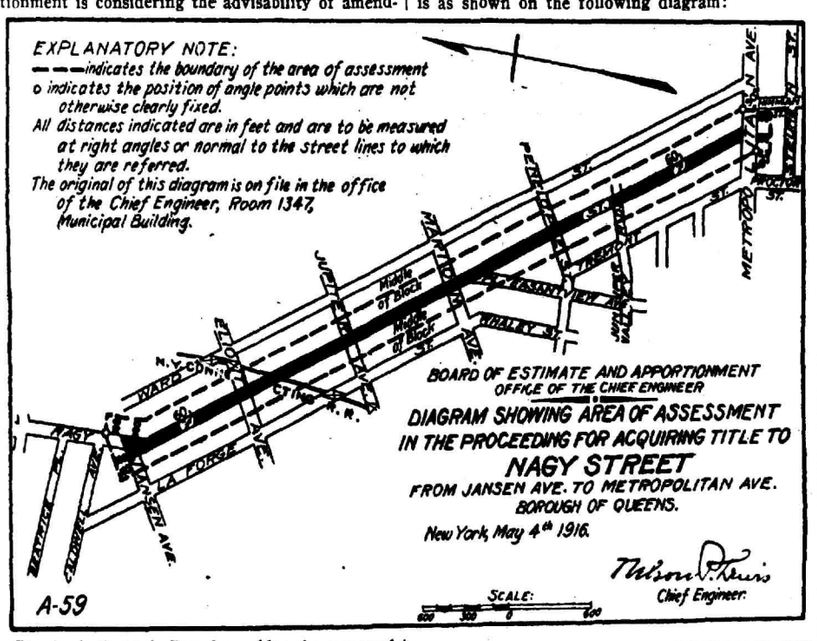
Dated June 10, 1916.

JOSEPH HAAG, Secretary. Municipal Building. Telephone, 4560 Worth. j10,21

NOTICE IS HEREBY GIVEN THAT AT THE meeting of the Board of Estimate and Apportionment held on May 26, 1916 (Cal. No. 156), the following resolutions were adopted:

Whereas, the Board of Estimate and Apportionment is considering the advisability of amending the proceeding authorized by said Board under resolutions adopted on March 8, 1907, and June 15, 1911, for acquiring title to Nagy street between Metropolitan avenue and Grand street, Borough of Queens, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment April 28, 1916, and approved by the Mayor on May 17, 1916, in which the said Nagy street as originally laid out between Jansen avenue and Grand street is discontinued, and in this section is deflected to the east and carried to an intersection with Grand street along radically different lines; the amendment now proposed providing for the acquisition of title to Nagy street from Jansen avenue to Metropolitan avenue as said Nagy street is now laid out upon the map or plan of the City of New York.

Resolved, that the Board of Estimate and Apportionment, in pursuance of the provisions of the Greater New York Charter, as amended, hereby gives notice that the proposed area of assessment for benefit in this amended proceeding is as shown on the following diagram:



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 Friday, June 23, 1916, at 10:30 o'clock 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 continuously, Sundays and legal holidays excepted, prior to June 23, 1916.

Dated June 10, 1916.

JOSEPH HAAG, Secretary. Municipal Building. Telephone, 4560 Worth. j10,21

Notice of Public Hearing.

FRANCHISE MATTERS.

PUBLIC NOTICE IS HEREBY GIVEN THAT at the meeting of the Board of Estimate and Apportionment held this day the following resolutions were adopted:

Whereas, The City Island Motor Bus Co., Inc., has by a petition dated April 28, 1916, applied to this Board for the right and privilege to maintain and operate a stage or omnibus route for public use upon and along City Island Avenue, over and across the City Island Bridge and upon and along City Island Road, Pelham Road, Bronx and Pelham Parkway and Boston Road to 177th Street, in the Borough of The Bronx; 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, and Chapter 467 of the Laws of 1914, provide for the manner and procedure of making such grants; and

Whereas, In pursuance of such laws, this Board adopted a resolution on May 5, 1916, fixing the date for public hearing thereon as June 2, 1916, at which citizens were entitled to appear and be heard, and publication was had for at least two (2) days in the "Globe" and "Tribune," 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 City Island Motor Bus Co., Inc., and the adequacy of the compensation to be paid therefor; now, therefore, it is

Resolved, That the following form of the resolution for the grant of the franchise or right applied for by the City Island Motor Bus Co., Inc., 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 City Island Motor Bus Co., Inc., the franchise or right fully set out and described in the following form of proposed contract for the grant thereof, embodying all of the terms and conditions, including the provisions as to rates and charges upon and subject to the terms and conditions in said proposed form of contract contained, and that the Mayor of the City of New York be and he hereby is authorized to execute and deliver such contract in the name and on behalf of The City of New York, as follows, to wit:

PROPOSED FORM OF CONTRACT.

This contract, made and executed in duplicate 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 CITY ISLAND MOTOR BUS CO., INC. (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 maintain and operate a stage or omnibus route for public use in the Borough of The Bronx, in the City of New York, to wit:

Beginning in City Island Avenue at the southerly end thereof on City Island; thence along City Island Avenue to the bridge connecting City Island with the Pelham Bay Park; thence upon and along said bridge and the approaches thereto to City Island Road in Pelham Bay Park; thence along said City Island Road to Pelham Bridge Road; thence along Pelham Bridge Road and Eastern Boulevard to Fordham Road or to the prolongation of the Bronx and Pelham Parkway in Pelham Bay Park; thence along Fordham Road or the prolongation of the Bronx and Pelham Parkway in Pelham Bay Park to the Bronx and Pelham Parkway; thence along the Bronx and Pelham Parkway to Boston Road; thence along Boston Road to 177th Street.

And to cross such other streets and avenues, named and unnamed, as may be encountered in said route.

SECTION 2. The grant of this privilege is subject to the following conditions:

First—The said right to maintain and operate said stage or omnibus route shall be held and enjoyed by the Company from the date upon which this contract is signed by the Mayor until September 30, 1921, with the privilege of renewal of said contract for the further period of five (5) 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, 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 time within which such application for renewal must be made is of the essence of this contract, and a failure of the Company to present its application within the time fixed shall be considered as an election on the part of the Company not to take advantage of the renewal privilege and as a relinquishment of its right to such renewal, in which event the franchise shall terminate on the last day 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 unless the Board shall, during the original term of this contract, permit another company or an individual to operate stages or omnibuses over all or a portion of the route herein authorized.

If the Company and the Board shall not reach such agreement on or before the day nine (9) months before the expiration of the original term of this contract, then the parties hereby agree that the annual rate for the renewal term shall be determined by three disinterested persons selected in the following manner:

One disinterested person shall be chosen by the Board; one disinterested person shall be chosen by the Company; these two shall choose a third disinterested person, 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 the original term of this 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 unless the Board shall, during the original term of this contract, permit another company or an individual to operate stages or omnibuses over all or a portion of the route herein authorized. 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 entire expense of such appraisal 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 original term of the privilege hereby granted the following sums of money:

(a) The sum of five hundred dollars ($500) in cash within thirty (30) days after the date on which this contract is signed by the Mayor.

(b) During the first term of two (2) years an annual sum which shall be equal to five (5) per cent of its gross annual receipts, but which sum shall not be less than one hundred dollars ($100).

During the succeeding term of two (2) years, an annual sum which shall be equal to five (5) per cent of its gross annual receipts, but which sum shall not be less than one hundred and fifty dollars ($150).

During the remaining term, expiring September 30, 1921, an annual sum which shall be equal to five (5) per cent of its gross annual receipts, but which sum shall not be less than two hundred dollars ($200).

The gross annual receipts mentioned above shall be the gross annual receipts of the Company from whatever source, derived either directly or indirectly, in any manner, from or in connection with the operation hereby authorized.

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

The 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.

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

Third—The annual charges or payments shall continue throughout the whole term of this contract, whether original or renewal, notwithstanding any clause in any statute or in the charter of any other company providing for payment for similar rights or franchises at a different rate.

Fourth—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 same streets and avenues, hereinbefore described.

Fifth—At the termination or forfeiture of this grant, the City at the election of the Board, shall have the right to purchase all or any part of the property and plant of the Company used for the purpose of the operation of the stage or omnibus route thereby authorized, at a sum equal to a fair valuation of such property and plant, exclusive of any value which such property and plant may have by reason of this contract. Such property and plant are to be valued as if the Company had not exercised the right and privilege granted by this franchise for the said period of this contract, and no allowance shall be made to the Company in such valuation by reason of such exercise.

If the Company and the City cannot agree upon such valuation of such property and plant, then such valuation thereof shall be determined and fixed by three arbitrators selected in the following manner:

One disinterested person shall be chosen by the Company; one disinterested person shall be chosen by the Board, and the two so chosen shall choose a third disinterested person. The decision under oath of any two of such persons, who shall be so selected, shall be final and conclusive.

If either the Company or the City fails to appoint an arbitrator as herein provided, or should the first two arbitrators fail to agree on the selection of the third arbitrator within thirty (30) days after the first two arbitrators shall be chosen, or if no two arbitrators so selected shall agree upon the valuation of such property within sixty (60) days after the arbitrators shall be so selected, then such valuation may be fixed by a commissioner appointed by the Supreme Court on the application of either party.

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 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; and no assignment, lease or sublease of the rights or privileges hereby granted, or of any part thereof, or the route 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 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.

Seventh—The Company shall commence operation within three (3) months from the date on which this contract is signed by the Mayor; provided that such period may be extended by the Board for a period or periods not exceeding in the aggregate six (6) months; and provided, further, that when the commencement of said operation 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 of such operation 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 proceeding.

Eighth—Nothing herein contained shall be construed as permitting the grantee to erect any structures whatever upon City streets, and the Company shall not construct or maintain any fixture or structure in the street unless especially authorized by resolution of the Board.

Ninth—All vehicles which may be operated pursuant to this contract shall comply with the following general requirements:

1. They shall be propelled by power generated or contained within the vehicle itself, but no power shall be used which will in its generation or use produce smoke or noxious odors sufficient in the opinion of the Board or its authorized representatives to constitute a nuisance.

2. The maximum weight, including fuel, water, oil or any other material or any accessories used in operation, shall not exceed six thousand (6,000) pounds.

3. The maximum width shall not exceed seven feet two inches (7'2").

4. The maximum height shall not exceed eleven feet eight inches (11'8").

5. The maximum length shall not exceed twenty-two feet (22').

6. They shall be designed and constructed in a manner which will permit ease and freedom of movement under all conditions.

7. The distribution of weight on axles, length of wheel base and other features of design shall be such as to avoid skidding as far as possible and shall be such as to permit easy steering and control.

8. They shall be fitted with brakes capable of stopping and holding the same under all conditions.

9. They shall be so constructed that the oil or grease cannot drop on the roadway.

10. All parts shall be so constructed that no undue noise or vibration shall result from operation.

11. All wheels shall be equipped with either pneumatic tires or tires which shall be approved by the Board or its authorized representatives but in no event shall solid tires be used.

Tenth—No stage or omnibus shall be operated pursuant to this contract unless there shall be

painted thereon in letters sufficiently large to be clearly visible for a distance of seventy-five feet:

(a) The name of the Company owning and operating such vehicle.

(b) The number of the vehicle which is assigned to it upon receiving the approval of the Board or its authorized representatives.

(c) The number of adults for which the vehicle has seating space.

Eleventh—No advertising signs shall appear on the outside of any stage or omnibus.

Twelfth—The destination of each stage or omnibus shall be plainly indicated on the front of the vehicle, and shall be illuminated at night.

Thirteenth—The number of passengers to be carried in any vehicle shall at no time exceed the seating capacity of the vehicle.

Fourteenth—The inclosed portion of all stages or omnibuses which are operated on said route shall be heated during the cold weather, in conformity with such laws and ordinances as are now in force affecting surface railway cars or such laws and ordinances affecting stages or omnibuses as may hereafter, during the term of this contract, be in force, as may be required by resolution of the Board.

Fifteenth—The inclosed portion of all stages or omnibuses operated on said route shall be well lighted as may be required by resolution of the Board.

Sixteenth—Before any stage or omnibus is put in service it must be submitted to the Board or its authorized representatives and receive the approval thereof. If any vehicle which may be so submitted for approval shall not conform with the requirements herein or should any such vehicle for any reason be considered by the Board or its authorized representatives unfit for public use, then the Board or its authorized representatives may refuse such approval, in which case the Company shall not operate such vehicle. If after a vehicle shall have been so approved, defects develop which in the opinion of the Board or its authorized representatives render it unsuitable for public service, then the Board or its authorized representatives may require the withdrawal of such vehicle from service.

Upon being approved by the Board or its authorized representatives, each vehicle shall be given a number which shall not be changed so long as such vehicle shall be operated by the Company, unless and until the Company shall notify the Board that it proposes to change the number of the vehicle and of the new number which it is proposed to use.

Seventeenth—All vehicles operated pursuant to this grant shall be maintained in good and safe repair and in a manner which will in all ways render the vehicle fit for public service. The Company shall permit the Board or its authorized representatives to inspect at all reasonable times any or all the vehicles used by the Company. If upon inspection any vehicle shall appear in the judgment of said Board or its authorized representatives to be unfit for public service, then the Company shall, upon notice, immediately withdraw such vehicle from service, and shall remedy the defect and notify the Board or its authorized representatives that the defect has been remedied before such vehicle shall be restored to service.

Eighteenth—All laws and ordinances affecting the operation of stages or omnibuses now in force or which may be in force during the term of this contract shall be complied with by the Company. The Company shall also comply with and enforce the carrying out of any orders or regulations which may be issued by the Board designed for the protection of persons, of property or of the comfort and health of the public.

Nineteenth—The rate of fare for any passenger upon the stage or omnibus route herein authorized shall not exceed twenty-five cents (25c.) and the Company shall not charge any passenger more than twenty-five cents (25c.) for one continuous ride from any point on the stage or omnibus route hereby authorized to any other point on the said route.

Twentieth—Stages or omnibuses shall be run on said route each day at intervals of not more than one hour between the hours of 7 o'clock A. M. and 7 o'clock P. M. and as much oftener as reasonable convenience of the public may require, as may be directed by resolution of the Board, and shall be operated on such route and at such intervals between the hours of 7 o'clock P. M and 7 o'clock A. M. as reasonable convenience of the public may require and as may be directed by resolutions of the Board; provided, however, that during the months of December, January, February and March the Company is hereby required to operate stages or omnibuses on said route only between the hours of 8 o'clock and 10 o'clock A. M. and between 5 o'clock and 7 o'clock P. M., unless the Board shall, by resolution, direct the Company to operate during other periods of the day.

Twenty-first—The Company shall, at its own expense, do anything and everything within its power to keep its vehicles in operation on regular schedules during the existence of snow and ice in the streets and avenues upon which the Company is hereby authorized to operate, and if it shall be necessary to remove such snow and ice to the side of the roadway in order to so operate, then such removal shall be done under the supervision and to the satisfaction of the Commissioner of Street Cleaning or the Park Commissioner, but in no event shall snow or ice so removed be allowed by the Company to obstruct the crosswalks of any street.

Twenty-second—It is understood that the Company shall operate, pursuant to this contract, only the route herein authorized, but should vehicular traffic be diverted from any portion of any of the streets or avenues upon which the Company is herein authorized to operate because of fires, parades or because of any other event which will close the street to vehicular traffic temporarily, then the Company may use such other streets or avenues as are necessary to continue the operation. If, however, for any reason any of the streets and avenues in which the operation is hereby authorized shall be closed to vehicular traffic for a longer period than twenty-four hours, then the Company shall communicate with the Board or its authorized representatives and obtain authority for the operation upon other streets and avenues for the period during which said street or avenue may be closed.

Twenty-third—Should it be deemed advisable by the Board at any time during the term of this contract to require the Company to operate extensions to the route herein authorized, additional route or routes in substitution for the route herein authorized or any portion thereof, and the Board shall so order, then the Company shall, upon notice by the Board, apply for a franchise or right to operate such extension, additional or substituted routes and accept a franchise therefor upon terms and conditions similar to those contained herein, and for a term expiring not later than the date of the expiration of this contract, provided that the Board shall not hereunder require the Company to extend its route for a distance greater than one mile during any calendar year.

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

1. The amount of stock issued, for cash, for property.
2. The amount paid in as by last report.
3. The total amount of capital stock paid in.
4. The funded debt by last report.
5. The total amount of funded debt.
6. The floating debt as by last report.
7. The total amount of floating debt.
8. The total amount of funded and floating debt.
9. The average rate per annum of interest on funded debt.
10. Statement of dividends paid during the year.
11. The total amount expended for same.
12. The names of the directors 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.

Twenty-fifth—The Company shall at all times keep accurate books of account of its gross receipts 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 operated under this contract, and such other information as the Comptroller may require. The Comptroller shall have access to all books and records of the Company for the purpose of ascertaining the correctness of its report, and may examine its officers and employees under oath.

Twenty-sixth—The Company shall keep accurate books of the performance of different types of vehicles and the different services rendered and the cost thereof, and shall at any time furnish the Board, or its authorized representatives, such information with respect thereto as shall be requested.

Twenty-seventh—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 its authorized representatives, acting under the powers herein reserved, the right or privilege herein granted may be forfeited by resolution of said Board, 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.

Any false entry in the books of the Company or false statement in the reports to the Comptroller as to a material fact, knowingly made by the Company, shall constitute such a violation or breach or failure to comply with the provisions herein contained as to warrant the forfeiture of the franchise.

Nothing herein contained shall affect in any way the right of the Company to apply to a court of competent jurisdiction for review of any action of the Board forfeiting the franchise or consent herein granted.

Twenty-eighth—If the Company shall fail to give efficient public service at rates not exceeding those herein fixed, or fail to maintain its 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 fifty dollars ($50) as fixed or liquidated damages, or at the option of the Board, this contract may be forfeited upon ten (10) days' notice to the Company.

Twenty-ninth—The Company shall assume all liability for damages to persons or property occasioned by reason of the operation or maintenance of the stage or omnibus route hereby authorized, 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 shall repay the City any damage which the City shall be compelled to pay by reason of any acts or default of the Company.

Thirtieth—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 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 all of the terms and conditions of this contract and compliance with all orders of the Board 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, and the maintenance of vehicles 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 acting hereunder, relating to the headway, repair, maintenance or withdrawal from service of vehicles, the Company shall pay to the City as liquidated damages the sum of fifty dollars ($50) per day for each day of violation, and the further sum of ten dollars ($10) per day for each vehicle that shall not be properly heated or lighted in case of the violation of the provisions relating to those matters, all of which sums may be deducted from said fund.

The procedure for the imposition and collection of the sums as fixed or liquidated damages 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 pay such liquidated damages 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 require the payment of said sums herein provided for, or where the damages are not liquidated by the terms of this contract, such amount as appears to the Board to be just, and without legal procedure direct the Comptroller to withdraw such amount 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 hundred dollars ($500), and in default thereof, this contract may 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. These provisions for the recovery of such damages are in addition to the right to forfeit the franchise conferred by Section 2, Subdivision Twenty-seventh of this contract.

Thirty-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.

Thirty-second—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 encountered in the route hereinabove described and upon or in which authority is hereby given to the Company to operate stages or omnibuses.

Thirty-third—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 during the entire term of this contract, whether original or renewal, 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 above written.

THE CITY OF NEW YORK,
By Mayor.

[CORPORATE SEAL.]
Attest: City Clerk.

CITY ISLAND MOTOR BUS CO., INC.,
By *President.*

[SEAL.]
Attest: *Secretary.*

(Here add acknowledgments.)

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

Resolved, That these preambles and resolutions, including the said resolution for the grant of a franchise or right applied for by the City Island Motor Bus Co., Inc., and the said form of a 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 in full for at least fifteen days immediately prior to Friday, June 30, 1916, in the "City Record," together with the following notice to wit:

NOTICE IS HEREBY GIVEN, That the Board of Estimate and Apportionment before authorizing any contract for the grant of the franchise or right applied for by the City Island Motor Bus Co., Inc., 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 resolutions authorizing such contract, will, at a meeting of said Board to be held in Room 16, City Hall, Borough of Manhattan, City of New York, on Friday, June 30, 1916, at 10:30 o'clock A. M. hold a public hearing thereon at which citizens shall be entitled to appear and be heard.

Resolved, That a notice of such hearing, stating that copies of the proposed contract and resolution of consent thereto may be obtained by all those interested therein at the Bureau of Franchises, Room 1307, Municipal Building, Centre and Chambers Streets, Borough of Manhattan, shall be published at least twice, at the expense of the proposed grantee, during the ten (10) days immediately prior to Friday, June 30, 1916, in the "Globe" and "Tribune," the two daily newspapers in which the petition and notice of hearing thereon have been published.

Dated, New York, June 2, 1916.

JAMES D. McGANN, Assistant Secretary.
Telephone, 4560 Worth. j13,30

PUBLIC NOTICE IS HEREBY GIVEN THAT the consideration of the communication from the Public Service Commission for the First District transmitting for approval forms of three certificates to the Hudson and Manhattan Railroad Company, as follows:

(a) Modifying certificate of May 4, 1909, for extension to Grand Central Station.

(b) Modifying certificate of Feb. 2, 1905, to the New York and Jersey Railroad Company for 33d Street Extension.

(c) Modifying certificate of Nov. 23, 1903, for Cortlandt and Fulton Street Tunnels.

Which consideration was, by resolution adopted April 28, 1916, fixed for May 5, 1916, when it was continued until May 19, 1916, and then continued until this day, was continued until Friday, June 16, 1916, at 10:30 o'clock a. m., in Room 16, City Hall, Borough of Manhattan, when and where all those interested will be afforded an opportunity to appear and be heard.

JAMES D. McGANN, Assistant Secretary, Room 1307, Municipal Building, Borough of Manhattan. Telephone, 4560 Worth.

Dated, New York, June 2, 1916. j5,16

BOARD OF WATER SUPPLY.

Proposals.

SEALED BIDS WILL BE RECEIVED BY the Board of Water Supply, at its offices, 22nd floor, Municipal Building, Park Row, Centre and Chambers sts., New York City, until 11 a. m. on

TUESDAY, JUNE 13, 1916,

for

CONTRACT 144.

FOR THE CONSTRUCTION OF TWO CONCRETE, STONE AND BRICK BUILDINGS, APPROXIMATELY 40 FEET BY 15 FEET BY 20 FEET, 820 SQUARE YARDS OF BRICK PAVEMENT, 600 FEET OF BALUSTRADE AND DOING MISCELLANEOUS WORK AT SILVER LAKE RESERVOIR, STATEN ISLAND.

The foundations for the buildings have been built and the pavement foundation will be built under another contract.

An approximate statement of the quantities of the various classes of work and further information are given in the Information for Bidders, forming part of the contract. At the above place and time the bids will be publicly opened and read. The award of the contract, if awarded, will be made by the Board as soon thereafter as practicable. The Board reserves the right to reject any and all bids.

A bond in the sum of Sixteen Thousand Dollars ($16,000) will be required for the faithful performance of the contract.

No bid will be received and deposited unless accompanied by a certified check upon a National or State Bank, drawn to the order of the Comptroller of The City of New York to the amount of Eight Hundred Dollars ($800).

Time allowed for the completion of the work is 6 consecutive months from the service of notice by the Board to begin work.

Pamphlets containing information for bidders, forms of proposal and contract, specifications, contract drawings, etc., can be obtained at the above address, at the office of the Secretary, upon application in person or by mail, by depositing the sum of Ten Dollars ($10) in cash or its equivalent for each pamphlet. This deposit will be refunded upon the return of the pamphlets in acceptable condition within thirty days from the date on which bids are to be opened.

For further particulars apply to the office of the Principal Assistant Engineer, at the above address.

CHARLES STRAUSS, President; CHARLES N. CHADWICK, JOHN F. GALVIN, Commissioners, Board of Water Supply.

GEORGE FEATHERSTONE, Secretary. m19,j13

NOTE—See general instructions to bidders on last page, last column, of the City Record, so far as applicable hereto and not otherwise provided for.

DEPARTMENT OF CORRECTION, DEPARTMENT OF PUBLIC CHARITIES, DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by Department of Correction, Department of Public Charities, Department of Water Supply, Gas and Electricity, at Room 1230, Municipal Building, Manhattan, until 12 noon on

THURSDAY, JUNE 15, 1916,

FOR FURNISHING AND DELIVERING METALS, LEATHER, COTTON WASTE AND ROPE.

The time for the performance of the contract is on or before Dec. 31, 1916, as stated in the schedules.

The amount of security required is thirty (30) per cent. of the amount of the bid or estimate.

No bid will be considered unless it is accompanied by a deposit. Such deposit shall be in an amount not less than one and one-half (1½) per cent. of the total amount of the bid.

The bidder will state the price per pound or other designated unit, by which the bids will be tested. The extensions must be made and footed up, as the bids will be read and awards, if made, made to the lowest bidder on each item or class, as stated in the specifications.

Bids must be submitted in duplicate, each in a separate envelope. No bid will be accepted unless this provision is complied with.

Blank forms and further information may be obtained at Room 1230, Municipal Building, Manhattan.

DEPARTMENT OF CORRECTION, BURDETTE G. LEWIS, Commissioner.

DEPARTMENT OF PUBLIC CHARITIES, JOHN A. KINGSBURY, Commissioner.

DEPARTMENT OF WATER SUPPLY, GAS AND ELECTRICITY, WILLIAM WILLIAMS, Commissioner. j5,15

☞See General Instructions to Bidders on last page, last column, of the "City Record," except for the address of the office for receiving and opening bids.

SUPREME COURT — FIRST DEPARTMENT.

Filing of Final Report.

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 HOUGHTON AVENUE, from Bolton avenue to the bulkhead line of Westchester Creek; of QUIMBY AVENUE, from White Plains road to the bulkhead line of Westchester Creek; of STORY AVENUE, from White Plains road to the bulkhead line of Westchester Creek; of HERMANY AVENUE, from White Plains road to the bulkhead line of Westchester Creek; and of TURNBULL AVENUE, from White Plains road to the bulkhead line of Westchester Creek, in the 24th Ward, Borough of The Bronx, City of New York, as amended and corrected by an order of the Supreme Court, First Department, dated December 10, 1914, and entered in the office of the Clerk of the County of Bronx on December 14, 1914, so as to conform to a map or plan adopted by the Board of Estimate and Apportionment May 15, 1914, on which Story avenue, Hermany avenue and Turnbull avenue are discontinued in the block between Zerega avenue and Westchester Creek; the proceeding as amended providing for the acquisition of title to Houghton avenue, from Bolton avenue to the bulkhead line of Westchester Creek; Quimby avenue, from White Plains road to the bulkhead line of Westchester Creek; Story avenue, from White Plains road to Zerega avenue; Hermany avenue, from White Plains road to Zerega avenue, and Turnbull avenue, from White Plains road to Zerega avenue, as the aforesaid streets are now laid out upon the map or plan of The 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 20th day of June, 1916, at 10.15 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 Bronx, East 161st Street and 3rd Avenue, there to remain for and during the space of five days, as required by law.

Dated, New York, June 13, 1916.

JOHN J. HYNES, ELY NEUMANN, MARTIN C. DYER, Commissioners of Estimate.
ELY NEUMANN, Commissioner of Assessment.
JOEL J. SQUIER, Clerk. j13,17

Filing Bills of Costs.

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 ADEE AVENUE, from Boston road to the bulkhead line of the Hutchinson River, as shown on Section 44 of the Final Maps, Borough of The Bronx, as amended so as to conform to a map or plan adopted by the Board of Estimate and Apportionment December 12, 1912, and approved by the Mayor December 18, 1912, changing the lines of Adee avenue at Gun Hill road, in the 24th 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 Bronx County Court House, East 161st street and 3rd avenue, in the Borough of The Bronx, in The City of New York, on the 26th day of June, 1916, at the opening of the court on 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 Bronx, there to remain for and during the space of ten days, as required by law.

Dated, New York, June 12, 1916.

JOSIAH A. BRIGGS, GEO. P. BAISLEY, HENRY L. HAFFEN, Commissioners of Estimate; JOSIAH A. BRIGGS, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. j12,22

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 WEST 172ND STREET, from Inwood avenue to Jerome avenue, as laid out on Section 15 of the final maps, in the 24th 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 22nd day of June, 1916, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of New York, there to remain for and during the space of ten days, as required by law.

Dated, New York, June 9, 1916.

GEORGE M. S. SCHULZ, JOHN DAVIS, JAMES V. GANLY, Commissioners of Estimate; GEORGE M. S. SCHULZ, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. j9,20

Hearings on Qualifications.

In the Matter of acquiring title by The City of New York to certain lands and premises situated in the blocks bounded by Fifteenth and Sixteenth Streets, Avenues D and C, and Avenue D and Tompkins Street, and Tompkins Street and the pierhead line of the East River, in the Borough of Manhattan, duly selected as an addition to the Willard-Parker Hospital.

NOTICE IS HEREBY GIVEN THAT BY AN order of the Supreme Court of the State of New York, bearing date the 24th day of May, 1916, and filed and entered in the office of the Clerk of the County of New York on the same day, James D. Fessenden was appointed a Commissioner of Estimate and Appraisal in the above entitled proceeding in the place and stead of Charles P. Dillon, deceased.

NOTICE IS FURTHER GIVEN, pursuant to the statutes in such case made and provided, that the said James D. Fessenden will attend at a Special Term of the Supreme Court, to be held in Part II thereof, in the County Court House, in the Borough of Manhattan, City of New York, on the 15th day of June, 1916, at eleven o'clock in the forenoon of that day, for the purpose of being examined under oath by the Corporation Counsel of The City of New York, or by any person having an interest in said proceeding, as to his qualifications to act as a Commissioner of Estimate and Appraisal in said proceeding.

Dated, New York, May 27, 1916.

LAMAR HARDY, Corporation Counsel, Municipal Building, Borough of Manhattan, New York City. j2,13

Filing Preliminary Abstracts.

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 APPLETON AVENUE, from Fort Schuyler road to Westchester avenue; and ERICSON PLACE, from Fort Schuyler road to Appleton avenue, in the 24th 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, Room 1557, 15th floor, Municipal Building, Chambers and Centre streets, in the Borough of Manhattan, in The City of New York, on or before the 15th day of June, 1916, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 19th day of June, 1916, 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, Room 1557, 15th floor, Municipal Building, Chambers and Centre streets, in the Borough of Manhattan, in The City of New York, on or before the 15th day of June, 1916, and that the said Commissioner will bear parties so objecting, and for that purpose will be in attendance at his said office on the 20th day of June, 1916, 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 19th day of September, 1912, and that the said area of assessment includes all those lands, tenements and hereditaments and premises situate and being in the Borough of The Bronx, in the City of New York, which, taken together, are bounded, and described as follows, viz

Beginning at a point on a line midway between Roberts avenue and Ponton avenue, as these streets are laid out at Lang avenue, distant 100 feet southwesterly from the southwesterly line of Lang avenue and running thence northeasterly along the said line midway between Roberts avenue and Ponton avenue and along the prolongation of said line to the intersection with the prolongation of a line distant 100 feet northerly from and parallel with the northerly line of Lee street, the said distance being measured at right angles to Lee street; thence easwardly along the said line parallel with Lee street and along the prolongation of the said line to the intersection with a line midway between Mayflower avenue and Pilgrim avenue; thence southwardly along the said line midway between Mayflower avenue and Pilgrim avenue 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 Middletown road, the said distance being measured at right angles to Middletown road; thence eastwardly along the said line parallel with Middletown road to the intersection with the prolongation of a line midway between Mayflower avenue and Edison avenue as these streets are laid out between Roebling avenue and Zulette avenue; thence southwardly along the said line midway between Mayflower avenue and Edison avenue and along the prolongation of the said line to the intersection with a line distant 100 feet northwesterly from and parallel with the northwesterly line of Dudley avenue, the said distance being measured at right angles to Dudley avenue; thence southwestwardly along the said line parallel with Dudley avenue to the intersection with a line midway between Mayflower avenue and William place as these streets are laid out where they adjoin Dudley avenue; thence southeastwardly along the said line midway between Mayflower avenue and William place and along the prolongation of the said line to the intersection with a line midway between Dudley avenue and Harrington avenue; thence southwestwardly along the said line midway between Dudley avenue and Harrington 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 Edwards avenue and the southwesterly line of Fort Schuyler road as these streets are laid out at Latting street; thence northwestwardly along the said bisecting line to the intersection with the prolongation of a line midway between Appleton avenue and Latting street as these streets are laid out between Balcom avenue and Vreeland avenue; thence southwestwardly along the said line midway between Appleton avenue and Latting street and along the prolongation of the said line to the intersection with the northeasterly pier and bulkhead line of Westchester Creek as shown on the final maps of the Borough; thence northwestwardly along the said pier and bulkhead line and along its prolongation as laid out at Fort Schuyler road to the intersection with a line bisecting the angle formed by the intersection of the prolongations of the northeasterly line of Blondell avenue and the southwesterly line of Waters avenue as these streets are laid out between Fink avenue and Westchester avenue; thence northwestwardly along the said bisecting line to the intersection with the line midway between Fink avenue and Westchester avenue; thence northeastwardly along the said line midway between Fink avenue and Westchester avenue to a point distant 100 feet northeasterly from the northeasterly line of Waters avenue; thence northwestwardly and parallel with Waters avenue to the intersection with a line midway between Ponton avenue and Fink avenue; thence northeastwardly along the said line midway between Ponton avenue and Fink avenue to a point distant 100 feet southwesterly from the southwesterly line of Lang avenue; thence northwestwardly and parallel with Lang 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, Room 1529, 15th floor, Municipal Building, Chambers and Centre streets, in the Borough of Manhattan, in said City, there to remain until the 19th day of June, 1916.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to award 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 5th day of October, 1916, 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, New York, May 18, 1916.

JAMES F. DONNELLY, Chairman; EARNEST P. ECKLEY, HARRY E. DIAMOND, Commissioners of Estimate. JAMES F. DONNELLY, Commissioner of Assessment.

JOEL J. SQUIER, Clerk. m26,j13

SUPREME COURT—SECOND DEPARTMENT.

Application for Appointment of Commissioners.

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 33D STREET, from Roosevelt avenue to Jackson avenue, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT AN APplication will be made to the Supreme Court of the State of New York, Second Judicial District, 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 the 23rd day of June, 1916, 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 a Commissioner of Assessment in the above-entitled matter.

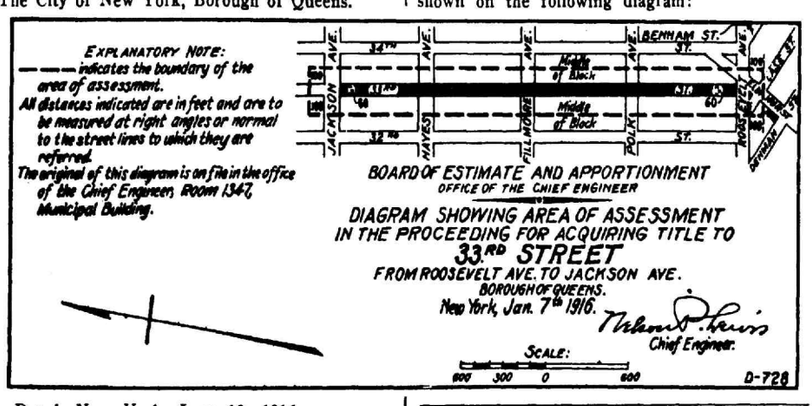
The nature and extent of the improvement hereby intended is the acquisition of title by The City of New York, in fee, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereunto belonging, required for the opening and extending of 33d street, from Roosevelt avenue to Jackson avenue, in the Second Ward, Borough of Queens, City of New York. The real property title to which is proposed to be acquired is more particularly bounded and described as follows, to wit:

Beginning at a point formed by the intersection of the westerly line of 33d street with the southerly line of Jackson avenue; running thence easterly for 60.00 feet along the southerly line of Jackson avenue to the easterly line of 33d street; thence southerly, deflecting to the right 90° for 2,825.00 feet along the easterly line of 33d street to the northerly line of Roosevelt avenue; thence westerly, deflecting to the right 90° for 60.00 feet along the northerly line of Roosevelt avenue to the westerly line of 33d street; thence northerly for 2,825.00 feet along the westerly line of 33d street to the southerly line of Jackson avenue, the point or place of beginning.

The property affected by the above proceeding is located in Block Nos. 1281, 1282, 1635, 1636, 1686, 1687, 1720 and 1721 of the Land Map of The City of New York, Borough of Queens.

Thirty-third street, extending from Jackson avenue to Roosevelt avenue, in the Second Ward, Borough of Queens, City of New York, is laid down upon Sections 20 of the Final Maps of the Borough of Queens, approved by the Board of Estimate and Apportionment July 1, 1910, by the Mayor July 13, 1910, copies of which were filed at the office of the President of the Borough of Queens October 29, 1910, at the office of the County Clerk of Queens County at Jamaica October 29, 1910, and at the office of the Corporation Counsel of The City of New York October 24, 1910.

The Board of Estimate and Apportionment by a resolution adopted on the 18th day of February, 1916, determined that the whole cost and expense of this proceeding shall be assessed upon the property deemed to be benefited thereby, and that the area of assessment for benefit in this proceeding be fixed and determined to be as shown on the following diagram:



Dated, New York, June 12, 1916.

LAMAR HARDY, Corporation Counsel, Municipal Building, Borough of Manhattan, City of New York. j12,22

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 SENECA AVENUE, from the Brooklyn Borough Line to DeKalb avenue, and from Summerfield street to St. Felix avenue, in the Second Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT AN APplication will be made to the Supreme Court of the State of New York, Second Judicial District, 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 the 23rd day of June, 1916, 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 a 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 thereunto belonging, required for the opening and extending of Seneca avenue, from the Brooklyn Borough Line to DeKalb avenue, and from Summerfield street to St. Felix avenue, in the Second Ward, Borough of Queens, City of New York. The real property title to which is proposed to be acquired is more particularly bounded and described as follows, to wit:

Parcel "A."

Beginning at a point formed by the intersection of the northeasterly line of Seneca avenue with the northwesterly line of DeKalb avenue; running thence southwesterly for 70.06 feet along the northwesterly line of DeKalb avenue to the southwesterly line of Seneca avenue; thence northwesterly, deflecting to the right 89° 59′ 54″ for 670.62 feet along the southwesterly line of Seneca avenue to the line between the Boroughs of Brooklyn and Queens; thence northerly, deflecting to the right 20° 20′ 34″ for 201.53 feet along said Borough boundary line to the northeasterly line of Seneca avenue; thence southeasterly for 859.58 feet along the northeasterly line of Seneca avenue to the northwesterly line of DeKalb avenue, the point or place of beginning.

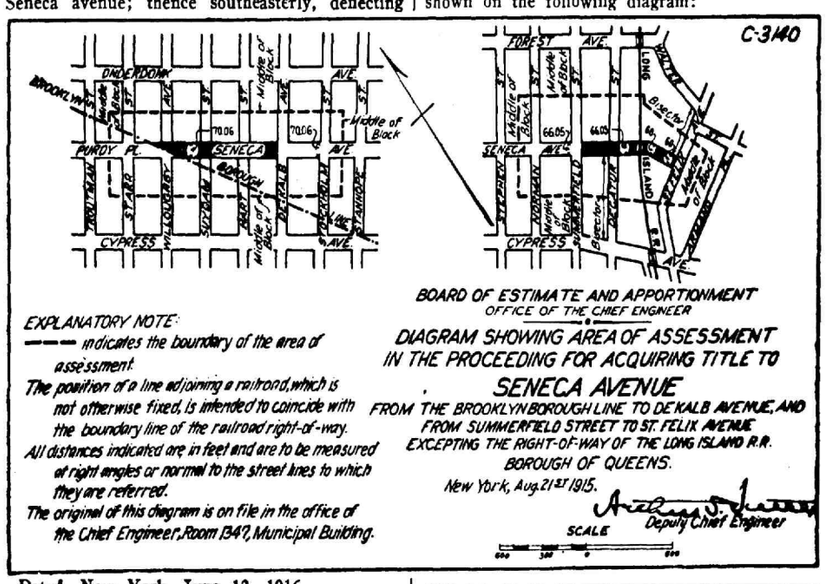
Parcel "B."

Beginning at a point formed by the intersection of the southwesterly line of Seneca avenue with the southeasterly line of Summerfield street; running thence northeasterly for 66.07 feet along the southeasterly line of Summerfield street to the northeasterly line of Seneca avenue; thence southeasterly, deflecting to the right 91° 17′ 52″ for 465.47 feet along the northeasterly line of Seneca avenue; thence southeasterly, deflecting to the right 24° 01′ 43″ for 222.16 feet along the northeasterly line of Seneca avenue to the northwesterly line of St. Felix avenue; thence southwesterly, deflecting to the right 89° 59′ 02″ for 60 00 feet along the northwesterly line of St. Felix avenue to the southwesterly line of Seneca avenue; thence northwesterly, deflecting to the right 90° 00′ 58″ for 194.55 feet along the southwesterly line of Seneca avenue; thence northwesterly for 464.78 feet along the southwesterly line of Seneca avenue to the southeasterly line of Summerfield street, the point or place of beginning.

The property affected by the above proceeding is located in Block Nos. 2147, 2149, 2150, 2151, 2152, 2155, 2156, 2272, 2273, 2295 and 2296 of the Land Map of The City of New York, Borough of Queens.

Seneca avenue, extending from the Brooklyn Borough Line to DeKalb avenue, and from Summerfield street to St. Felix avenue, in the Second Ward, Borough of Queens, City of New York, is laid down upon Section 14 of the Final Maps of the Borough of Queens, approved by the Board of Estimate and Apportionment November 29, 1911, by the Mayor December 6, 1911, copies of which were filed at the office of the County Clerk of Queens County at Jamaica April 5, 1912, at the office of the Corporation Counsel of The City of New York April 16, 1912, and at the office of the President of the Borough of Queens April 10, 1912, and upon Section 15 of the Final Maps, approved by the Board of Estimate and Apportionment May 21, 1909, by the Mayor June 4, 1909, copies of which were filed at the office of the County Clerk of Queens County at Jamaica August 10, 1909, at the office of the Corporation Counsel of The City of New York August 9, 1909, and at the office of the President of the Borough of Queens August 13, 1909, and upon Section 30 of the Final Maps, approved by the Board of Estimate and Apportionment May 28, 1915, by the Mayor June 4, 1915, copies of which were filed at the office of the County Clerk of Queens County at Jamaica October 21, 1915, at the office of the Corporation Counsel of The City of New York October 20, 1915, and at the office of the President of the Borough of Queens October 22, 1915, as amended by map showing a change in the street system in the territory bounded by Decatur street, Forest avenue, Summerfield street, etc., approved by the Board of Estimate and Apportionment January 7, 1916, by the Mayor January 21, 1916, copies of which were filed at the office of the County Clerk of Queens County at Jamaica April 17, 1916, at the office of the Corporation Counsel of The City of New York April 15, 1916, and at the office of the President of the Borough of Queens April 18, 1916.

The Board of Estimate and Apportionment by a resolution adopted on the 1st day of October, 1915, determined that the whole cost and expense of this proceeding shall be assessed upon the property deemed to be benefited thereby, and that the area of assessment for benefit in this proceeding be fixed and determined to be as shown on the following diagram:



Dated, New York, June 12, 1916.

LAMAR HARDY, Corporation Counsel, Municipal Building, Borough of Manhattan, City of New York. j12,22

Filing Bills of Costs.

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 ROOSEVELT AVENUE, from Woodside avenue to Wateredge avenue; the PUBLIC PLACE bounded by Roosevelt avenue, Elmhurst avenue and Case street; the PUBLIC PLACE at the intersection of Roosevelt avenue with Louona avenue; the triangular area bounded by Roosevelt avenue, the easterly line of Vaux street and Woodside avenue, the triangular area bounded by Roosevelt avenue, the easterly line of Warner avenue and the southerly line of Aske street; SACKETT STREET, from Roosevelt avenue to Forty-second street; and LOUONA AVENUE where it adjoins the Public Place at Roosevelt avenue, in the Second and Third Wards, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN THAT THE bill of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court of the State of New York, Second Deparment, at a Trial Term thereof, Part I, to be held at the Queens County Court House, Long Island City, in the Borough of Queens, in The City of New York, on the 23rd day of June, 1916, at 10 o'clock in the forenoon of that day, or as soon thereafter as Counsel can be heard thereon; and that the said bill of costs, charges and expenses has been deposited in the Office of the Clerk of the County of Queens, there to remain for and during the space of ten days, as required by law.

Dated, New York, May 18, 1916.

HERMAN E. WINNE, WILLET C. DURLAND, JOHN H. STILLWAGGON, Commissioners of Estimate; HERMAN E. WINNE, Commissioner of Assessment.

WALTER C. SHEPPARD, Clerk. j10,21

Filing Final Reports.

In the Matter of the Application of The City of New York, relative to acquiring title in fee to the lands, tenements and hereditaments required for the purpose of opening and extending ASHLAND PLACE, from Fulton street to Flatbush avenue, in the 11th 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 Commissioner of Assessment in the above entitled matter will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof to be held in the County Court House in the Borough of Brooklyn, City of New York, on the 16th day of June, 1916, at 10 o'clock in the forenoon of that day, and that the 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 five days, as required by law.

Dated, New York, June 9, 1916.

M. F. McGOLDRICK, EDWARD H. WILSON, F. A. M. BURRELL, Commissioners of Estimate; M. F. McGOLDRICK, Commissioner of Assessment.

ANDREW C. TROY, Clerk. j9,14

Filing Preliminary Abstracts.

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 WEST 37TH STREET from the bulkhead line of Gravesend Bay to the mean high water line of the Atlantic Ocean, excluding the right of way of the New York and Coney Island Railroad, in the 31st 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 amended and supplemental 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 19th day of June, 1916, and that the said Commissioners will hear parties so objecting, and for that purpose will be in attendance at their said office on the 20th day of June, 1916, at 3.30 o'clock p. m.

Second.—That the undersigned, Commissioner of Assessment, has completed his amended and supplemental estimate of benefit and that all persons interested in this proceeding, or in any of the lands, tenements and hereditaments and premises affected thereby, having any objection thereto, do file their said objections in writing, duly verified, with him at his office, No. 166 Montague street, in the Borough of Brooklyn, in the City of New York, on or before the 19th day of June, 1916, and that the said Commissioner will hear parties so objecting, and for that purpose will be in attendance at his said office on the 21st day of June, 1916, at 3:30 o'clock p. m.

Third.—That the Commissioner of Assessments has assessed any or all of 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 11th day of October, 1911, 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 the intersection of a line distant 300 feet westerly from and parallel with the westerly line of W. 37th street, the said distance being measured at right angles to W. 37th street, with the southerly bulkhead line of Gravesend Bay, and running thence eastwardly along the said southerly bulkhead line of Gravesend Bay to the intersection with the prolongation of a line midway between W. 36th street and W. 37th street; thence southwardly along the said line midway between W. 36th street and W. 37th street, and along the prolongation of the said line to the intersection with the centre line of Surf avenue; thence eastwardly along the said centre line of Surf avenue to the intersection with the prolongation of the centre line of W. 36th street; thence southwardly along the said prolongation of the centre line of W. 36th street to the mean high water line of the Atlantic Ocean; thence westwardly along the said mean high water line of the Atlantic Ocean to the intersection with a line distant 300 feet westerly from and parallel with the westerly line of W. 37th street, the said distance being measured at right angles to W. 37th street; thence northwardly along a course parallel with W. 37th street to the point or place of beginning.

Fourth.—That the abstracts of said amended and supplemental 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 29th day of June, 1916.

Fifth.—That, provided there be no objections filed to either of said abstracts, the reports as to awards and as to assessment for benefit herein will be presented for confirmation to the Supreme Court of the State of New York, Second Department, at a Special Term thereof, to be held in the County Court House in the Borough of Brooklyn, in The City of New York, on the 19th day of July, 1916, 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 New York, June 9, 1916.

HIRAM THOMAS, ERNEST EGGERT, SOLON BARBANELL, Commissioners of Estimate; HIRAM THOMAS, Commissioner of Assessment.

ANDREW C. TROY, Clerk. j9,20

Hearings on Qualifications.

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 CASPIAN STREET, from Andrews street to Metropolitan avenue; ZEIDLER STREET, from Andrews street to Metropolitan avenue; KING PLACE, from Caspian street to Metropolitan avenue, in the 2nd Ward, Borough of Queens, City of New York

NOTICE IS HEREBY GIVEN BY AN order of the Supreme Court of the State of New York, Second Judicial District, dated April 28, 1916, and duly entered and filed in the office of the Clerk of the County of Queens, May 18, 1916, Herbert R. Williams was appointed a Commissioner of Estimate in the above entitled proceeding, in the place and stead of George G. Goetz, resigned.

Notice is further given that pursuant to the aforesaid order, the said Herbert R. Williams will attend at a Special Term for the hearing of motions, held at Trial Term, Part I, of the Supreme Court of the State of New York, Second Judicial District, to be held at the County Court House, in the County of Queens, in the Borough of Queens, in The City of New York, on the 15th day of June, 1916, 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 of The City of New York, or by any other person having any interest in the said proceeding, as to his qualifications to act as such Commissioner.

Dated, New York, Juns 3, 1916.

LAMAR HARDY, Esq., Corporation Counsel Municipal Building, Borough of Manhattan, City of New York. j3,14

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 ASHLAND STREET, from Cypress Hill Cemetery to Myrtle avenue, from Birch street to Spruce street, and from North Curtis avenue to Metropolitan avenue, as shown upon a map or plan adopted by the Board of Estimate and Apportionment May 16, 1912, and approved by the Mayor May 22, 1912, together with the small unacquired portions of Forest Park, opposite Nostrand place, and at the intersection of Ashland street, Myrtle avenue and Guion street, in the 4th Ward, Borough of Queens, City of New York.

NOTICE IS HEREBY GIVEN BY AN order of the Supreme Court of the State of New York, Second Judicial District, dated April 28, 1916, and duly entered and filed in the office of the Clerk of the County of Queens, May 18, 1916, Charles H. Georgi was appointed a Commissioner of Estimate in the above entitled proceeding, in the place and stead of Herman T. Smith, deceased.

Notice is further given that, pursuant to the aforesaid order, the said Charles H. Georgi will attend at a Special Term for the hearing of motions, held at Trial Term, Part I, of the Supreme Court of the State of New York, Second Judicial District, to be held at the County Court House, in the County of Queens, in the Borough of Queens, in the City of New York, on the 15th day of June, 1916, 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 of The City of New York, or by any other person having any interest in the said proceeding, as to his qualifications to act as such Commissioner.

Dated, New York, June 3, 1916.

LAMAR HARDY, Esq., Corporation Counsel, Municipal Building, Borough of Manhattan, City of New York. j3.14

BOARD OF ASSESSORS.

Notice to Present Claims for Damages.

PUBLIC NOTICE IS HEREBY GIVEN TO all persons claiming to have been injured by the grading of the following named streets, and the approaches to the same, to present their claims, in writing, to the Secretary of the Board of Assessors, Room 809, Municipal Building, Manhattan, New York, on or before Thursday, June 29, 1916, at 10 a. m. Claimants are requested to make their claims for damages upon the blank form prepared by the Board of Assessors, copies of which may be obtained upon application at the above office:

Borough of Queens.

5178. Napier (Grant) ave. from Chichester ave. (University pl.) to Jerome ave. (Broadway), Fourth Ward.

5179. Gerold (19th) st. from Cypress ave. to Franconia ave., Third Ward.

5180. Maple st. from Freedom (Union) ave. to Oxford (Wyckoff) ave., Fourth Ward.

5186. Thomson ave. from the Viaduct to Diagonal st., First Ward.

Borough of The Bronx.

5181. Austin pl. from E. 144th st. to E. 149th st.

5182. Baker ave. from Garfield st. to White Plains rd.

5183. Mead st. from Garfield st. to Unionport rd.

5184. Powell ave. from Tremont ave. to Zerega ave.

WILLIAM C. ORMOND, JACOB J. LESSER, ST. GEORGE B. TUCKER, Board of Assessors.

ST. GEORGE B. TUCKER, Secretary.

June 6, 1916. j6,8,13,15,20,22,27,29

Completion of Assessments.

PUBLIC NOTICE IS HEREBY GIVEN TO the owner or owners of all houses and lots, improved and 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.

4994. Regulating, grading, curbing, flagging and paving E. 9th st. from Avenue O to Avenue Q, together with a list of awards for damages caused by a change of grade. Affecting Blocks 6590, 6591, 6615, 6616, 6640 and 6641.

5130. Sewer in Avenue H from E. 35th st. to Brooklyn ave. Affecting Blocks 7553 to 7563 and 7571 to 7581.

5159. Sewer in Clara st. from 36th st. to West st. Affecting Blocks 5308 to 5311.

5164. Sewers in 17th ave. from 54th st. to 55th st.; in 54th st. from 17th ave. to 19th ave.; in 55th st. from 15th ave. to 17th ave., and in 54th st. from 15th ave. to 16th ave. Affecting Blocks 5477 to 5480 and 5484 to 5490.

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, Room 809, Municipal Building, Manhattan, New York, on or before Wednesday, July 5, 1916, at 10 a. m., at which time and place the said objections will be heard and testimony received in reference thereto.

WILLIAM C. ORMOND, JACOB J. LESSER, ST. GEORGE B. TUCKER, Board of Assessors.

ST. GEORGE B. TUCKER, Secretary.

June 3, 1916. j3,14

DEPARTMENT OF EDUCATION.

Proposals.

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the office of the Department of Education, Park ave. and 59th st., Manhattan, until 11 a. m., on

FRIDAY, JUNE 23, 1916,

FOR FURNISHING AND DELIVERING PHONOGRAPH MATERIAL FOR THE PUBLIC 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 Dec. 31, 1916.

The amount of security required for the faithful performance of the contract is thirty (30%) per cent. of the amount of the bid or estimate.

The bidder will state the price of each item herein contained or hereto annexed, by which the bids will be tested. Award, if made, will be made to the lowest bidder on each item whose sample is equal to the Board sample submitted for inspection.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Park ave. and 59th st., Manhattan.

PATRICK JONES, Superintendent of School Supplies.

Dated June 12, 1916. j12,23

☞See General Instructions to Bidders on last page, last column, of the "City Record."

SEALED BIDS OR ESTIMATES WILL BE received by the Superintendent of School Supplies at the office of the Department of Education, Park ave. and 59th st., Manhattan, until 11 a. m., on

WEDNESDAY, JUNE 21, 1916,

FOR RENTAL OF PIANOS FOR USE IN THE VACATION PLAYGROUNDS IN THE BOROUGHS OF MANHATTAN, THE BRONX, BROOKLYN AND RICHMOND, DEPARTMENT OF EDUCATION, CITY OF NEW YORK.

The time for furnishing and delivering pianos will be July 1, 1916, and for the completion of the work and the full performance of the contract is by or before Aug. 21, 1916, as provided in the contract.

The amount of security required for the faithful performance of the contract is thirty (30%) per cent. of the amount of the contract.

The bidder will state the price of each item or article contained in the specifications and schedules herein contained or hereto annexed, by which the bids will be tested. Award, if made, will be made to the lowest bidder on each item.

Delivery will be required to be made at the time and in the manner and in such quantities as may be directed.

Bids must be submitted in duplicate, each in a separate envelope.

Blank forms and further information may be obtained at the office of the Superintendent of School Supplies, Board of Education, Borough of Manhattan, southwest corner of Park ave. and 59th st.

PATRICK JONES, Superintendent of School Supplies.

Dated, June 9, 1916. j9,21

☞See General Instructions to Bidders on last page, last column, of the "City Record."

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 buildings 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 circumstances 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 openings 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 openings 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 portions 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 bricks, etc., on the faces of such party walls are to be taken down and removed. The walls shall be made permanently self-supporting, beam holes, etc., bricked up, and the wall pointed and made to exclude wind and rain and present a clean exterior. The roofs and adjacent buildings shall be properly flashed and painted and made watertight where they have been disturbed by the operations of the Contractor.

"No buildings, parts of buildings, fixtures or machinery sold for removal under these terms and conditions shall in any case be re-located or re-erected within the lines of any proposed street or other public improvement, and if any such buildings, parts of buildings, fixtures or machinery, etc., shall be re-located or re-erected within the lines of any proposed street or other public improvement, title thereto shall thereupon become vested in The City of New York and a resale at public or private sale may be made in the same manner as if no prior sale thereof had been made."

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 be it further

Resolved, That while the said sale is held under the supervision of the Commissioners of the Sinking Fund, the Comptroller is authorized to cause the sale to be advertised and to direct the sale thereof as financial officer of the City.

PROPOSALS FOR BIDS AND ESTIMATES FOR THE CITY OF NEW YORK.

NOTICE TO CONTRACTORS.

GENERAL INSTRUCTIONS TO BIDDERS.

The person or persons making a bid or estimate for any services, work, materials or supplies for The City of New York, or for any of its departments, bureau or officers, 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.

No bid or estimate will be considered unless as a condition precedent to the reception or consideration of any proposal, it be accompanied by a certified check upon one of the State or National banks of The City of New York, drawn to the order of the Comptroller, or money or corporate stock or certificates of indebtedness of any nature issued by The City of New York, which the Comptroller shall approve as of equal value with the security required in the advertisement to the amount of not less than three nor more than five per centum of the amount of the bond required, as provided in section 420 of the Greater New York Charter.

The amount shall be as specified in the proposals or instructions to bidders and shall not be in excess of 5 per cent.

The certified check or money should not be inclosed in the envelope containing the bid or estimate, but should be either inclosed in a separate envelope addressed to the head of the Department, President or Board, or submitted personally upon the presentation of the bid or estimate.

For particulars as to the quantity and quality of the supplies, or the nature and extent of the work, reference must be made to the specifications, schedules, plans, etc., on file in the said office of the President, Board or Department.

No bid shall be accepted from or contract awarded to any person who is in arrears to The City of New York upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation of 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.